

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000419.D
 Acq On : 25 Oct 2019 10:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 10/28/2019 12:38:28 PM

Quant Time: Oct 26 02:01:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	222478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	365382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	330924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	113572	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.72	113	106619	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.18	98	416911	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.48	95	152244	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	75470	42.273	ug/l	99
3) Chloromethane	2.12	50	153235	56.365	ug/l	97
4) Vinyl Chloride	2.26	62	125487	45.737	ug/l	98
5) Bromomethane	2.65	94	103550	50.925	ug/l	94
6) Chloroethane	2.80	64	84092	47.502	ug/l	96
7) Trichlorofluoromethane	3.13	101	189118	50.391	ug/l	99
8) Diethyl Ether	3.54	74	68905	51.971	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	115868	50.907	ug/l	99
10) Methyl Iodide	4.10	142	148494	45.904	ug/l	100
11) Tert butyl alcohol	4.97	59	75894	309.022	ug/l #	82
12) 1,1-Dichloroethene	3.88	96	111083	49.437	ug/l	95
13) Acrolein	3.73	56	77307	268.489	ug/l	100
14) Allyl chloride	4.49	41	191015	51.298	ug/l	99
15) Acrylonitrile	5.18	53	198670	267.715	ug/l	98
16) Acetone	3.96	43	224620	295.556	ug/l	99
17) Carbon Disulfide	4.20	76	306218	43.284	ug/l	97
18) Methyl Acetate	4.49	43	98292	52.054	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	342666	54.782	ug/l	100
20) Methylene Chloride	4.72	84	131325	51.442	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	127228	49.352	ug/l	93
22) Diisopropyl ether	6.13	45	437051	55.495	ug/l	97
23) Vinyl Acetate	6.07	43	1403220	273.111	ug/l	100
24) 1,1-Dichloroethane	6.03	63	225636	52.488	ug/l	97
25) 2-Butanone	7.00	43	310587	290.109	ug/l	100
26) 2,2-Dichloropropane	6.99	77	212580	53.666	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	148481	53.228	ug/l	100
28) Bromochloromethane	7.34	49	99151	53.729	ug/l	100
29) Tetrahydrofuran	7.35	42	174131	268.382	ug/l	98
30) Chloroform	7.52	83	235982	54.510	ug/l	98
31) Cyclohexane	7.79	56	214386	47.749	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	210429	54.674	ug/l	95
36) 1,1-Dichloropropene	7.93	75	180743	50.525	ug/l	99
37) Ethyl Acetate	7.08	43	112269	53.002	ug/l #	95
38) Carbon Tetrachloride	7.91	117	182453	52.676	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	230939	49.325	ug/l	96
40) Benzene	8.17	78	538133	52.054	ug/l	99
41) Methacrylonitrile	7.33	41	53865m	53.423	ug/l	
42) 1,2-Dichloroethane	8.25	62	159201	53.911	ug/l	99
43) Isopropyl Acetate	8.28	43	219376	54.468	ug/l	100
44) Trichloroethene	8.94	130	142997	49.297	ug/l	97 MMDadoda
45) 1,2-Dichloropropane	9.22	63	137790	54.312	ug/l	93
46) Dibromomethane	9.31	93	76657	54.052	ug/l	96
47) Bromodichloromethane	9.50	83	182787	54.688	ug/l	98
48) Methyl methacrylate	9.30	41	96666	54.765	ug/l	97
49) 1,4-Dioxane	9.31	88	21666	1018.879	ug/l	98 10/28/2019 12:38:28 PM
51) 4-Methyl-2-Pentanone	10.07	43	593290	285.603	ug/l	99
52) Toluene	10.25	92	349583	53.261	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	196541	54.869	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	226206	55.608	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	113283	54.937	ug/l	96
56) Ethyl methacrylate	10.51	69	166315	56.586	ug/l	98
57) 1,3-Dichloropropane	10.79	76	196641	55.527	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	391964	334.343	ug/l	99
59) 2-Hexanone	10.83	43	464031	318.243	ug/l	99
60) Dibromochloromethane	10.99	129	132593	58.014	ug/l	98
61) 1,2-Dibromoethane	11.09	107	107843	54.468	ug/l	100
64) Tetrachloroethene	10.72	164	146827	46.605	ug/l	97
65) Chlorobenzene	11.52	112	370868	53.103	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	135763	55.338	ug/l	100
67) Ethyl Benzene	11.60	91	687530	53.105	ug/l	100
68) m/p-Xylenes	11.71	106	519206	104.905	ug/l	98
69) o-Xylene	12.03	106	251843	53.340	ug/l	98
70) Styrene	12.05	104	434650	54.585	ug/l	99
71) Bromoform	12.21	173	79548	56.404	ug/l #	99
73) Isopropylbenzene	12.33	105	681519	51.643	ug/l	99
74) N-amyl acetate	12.14	43	208454	64.342	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	141577	57.139	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	107634m	51.719	ug/l	
77) Bromobenzene	12.61	156	154980	52.776	ug/l	97
78) n-propylbenzene	12.67	91	828709	52.302	ug/l	100
79) 2-Chlorotoluene	12.76	91	458058	52.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	573212	51.800	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	50798	53.405	ug/l	99
82) 4-Chlorotoluene	12.86	91	479771	51.869	ug/l	100
83) tert-Butylbenzene	13.08	119	489872	52.276	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	578929	53.008	ug/l	100
85) sec-Butylbenzene	13.25	105	706024	52.081	ug/l	100
86) p-Isopropyltoluene	13.37	119	629907	53.298	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	303378	52.435	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	309700	53.553	ug/l	97
89) n-Butylbenzene	13.70	91	624414	53.464	ug/l	100
90) Hexachloroethane	13.96	117	117703	53.783	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	283376	54.120	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24491	52.117	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	192876	52.907	ug/l	99
94) Hexachlorobutadiene	15.11	225	99210	50.287	ug/l	100
95) Naphthalene	15.23	128	437900	53.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	170680	51.948	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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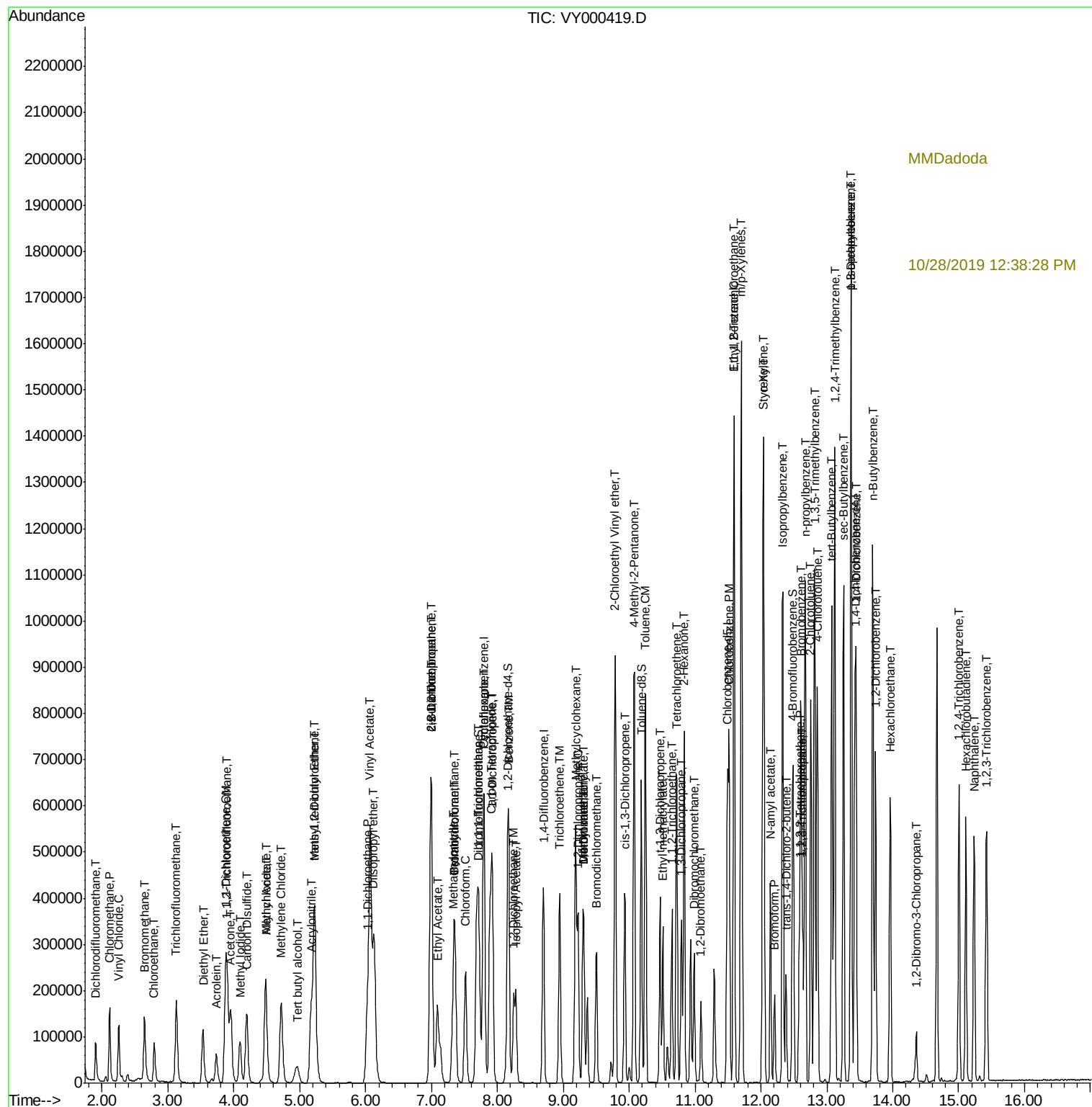
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
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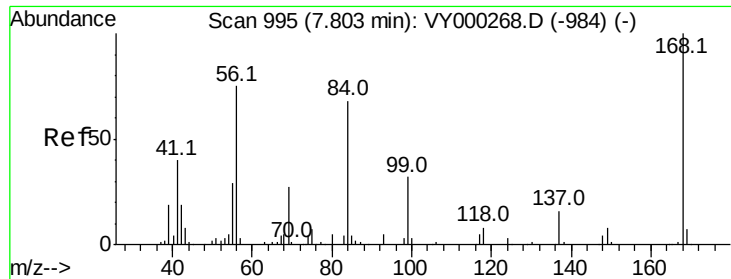
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 222478

Ion Ratio Lower Upper

168 100

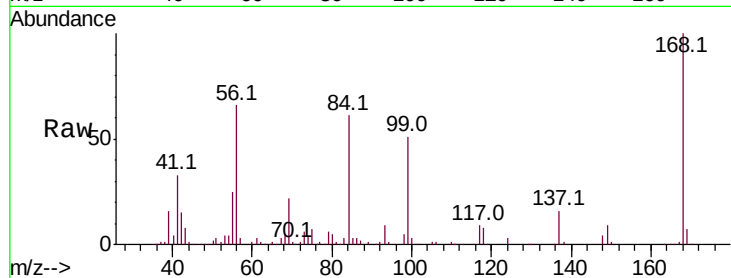
99 50.9 46.6 69.8

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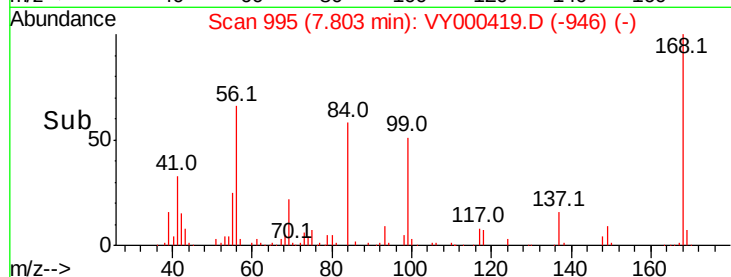


Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

Time-->



Abundance Ion 167.90 (167.60 to 168.60): VY000419.D (-946) (-)

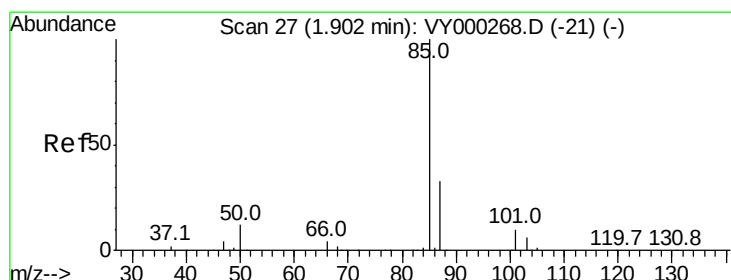
Ion 98.90 (98.60 to 99.60): VY000419.D (-946) (-)

7.80

Time-->

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#2

Dichlorodifluoromethane

Concen: 42.273 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000419.D

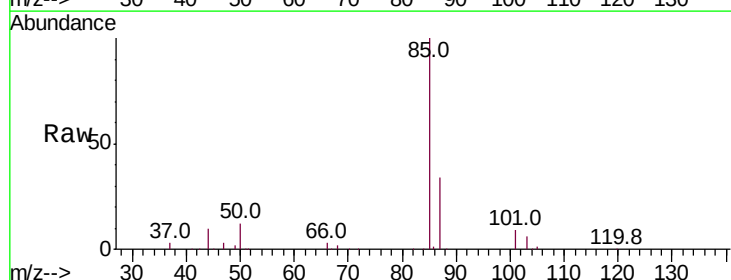
Acq: 25 Oct 2019 10:57

Tgt Ion: 85 Resp: 75470

Ion Ratio Lower Upper

85 100

87 33.5 16.6 49.8

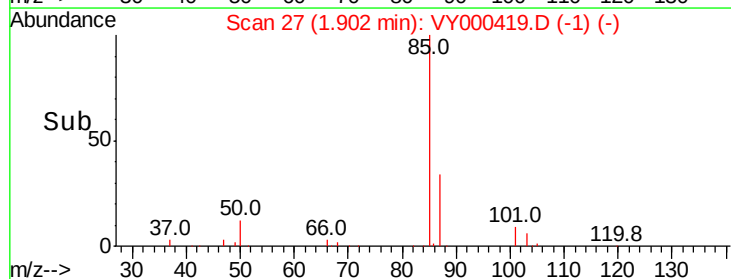


Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.90

Time-->

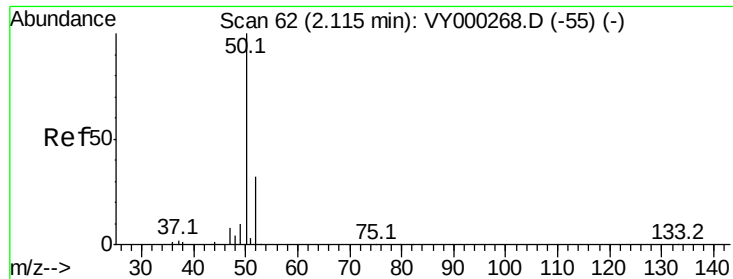


Abundance Ion 84.90 (84.60 to 85.60): VY000419.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000419.D (-1) (-)

1.90

Time-->



#3

Chloromethane

Concen: 56.365 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 153235

Ion Ratio Lower Upper

50 100

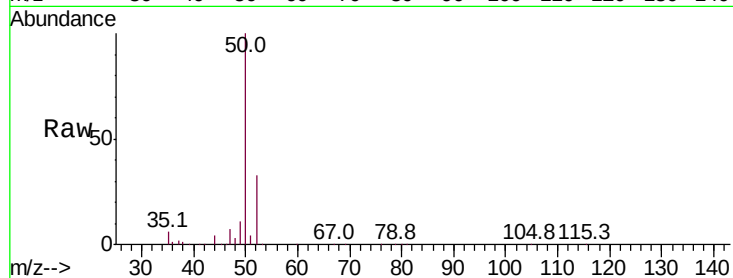
52 33.3 25.3 37.9

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

100000

80000

60000

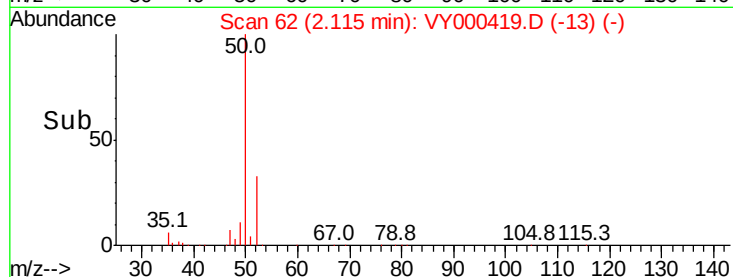
40000

20000

0

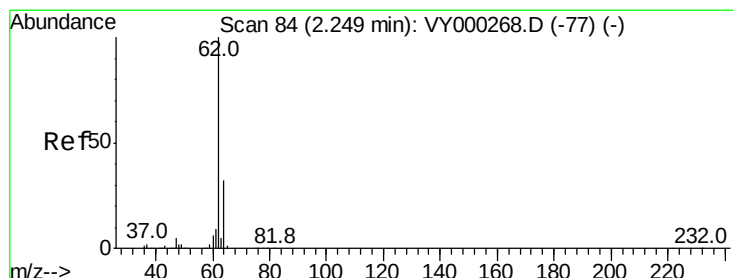
Time-->

2.00 2.10 2.20



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#4

Vinyl Chloride

Concen: 45.737 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000419.D

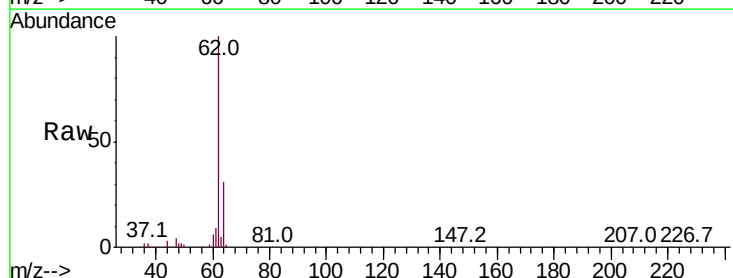
Acq: 25 Oct 2019 10:57

Tgt Ion: 62 Resp: 125487

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

80000

60000

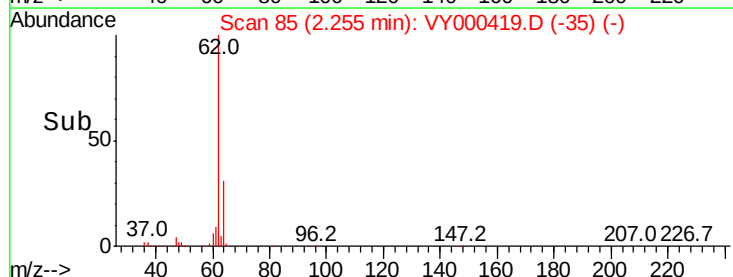
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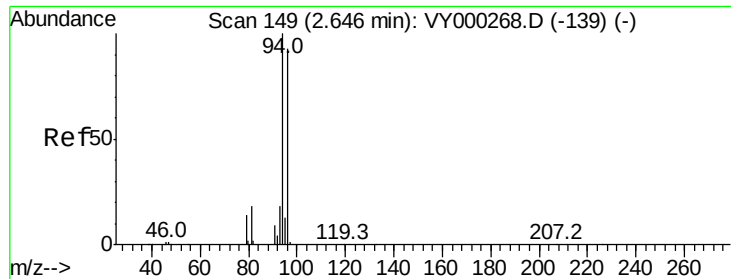
20000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 50.925 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 103550

Ion Ratio Lower Upper

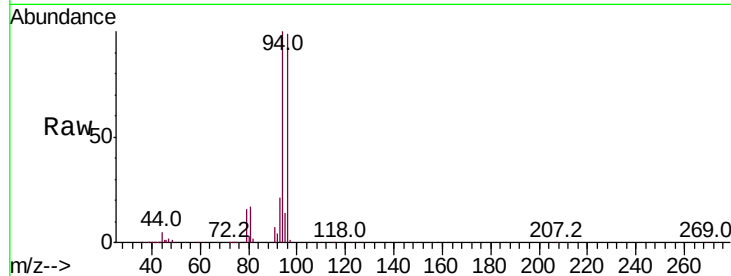
94 100

96 98.6 74.2 111.2

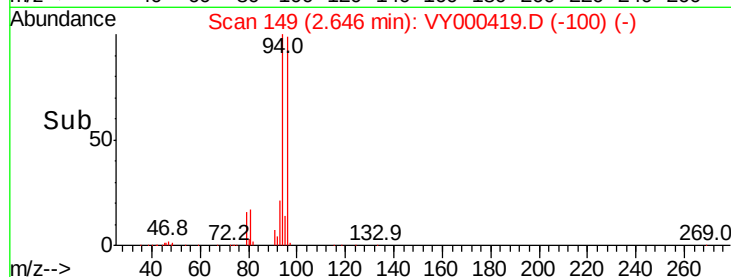
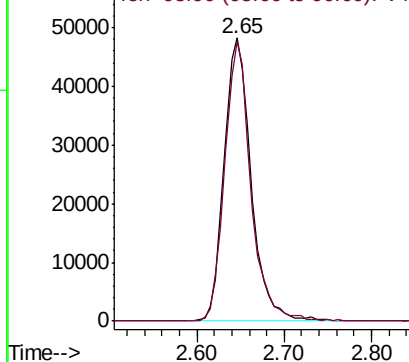
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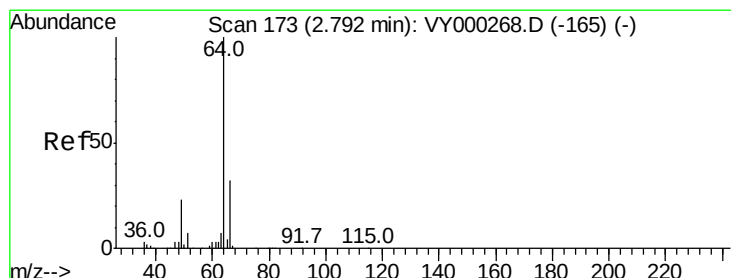


Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



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#6

Chloroethane

Concen: 47.502 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000419.D

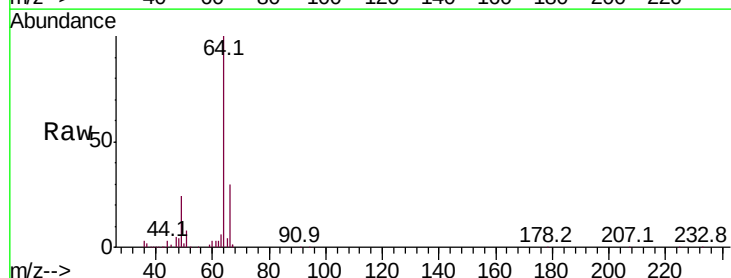
Acq: 25 Oct 2019 10:57

Tgt Ion: 64 Resp: 84092

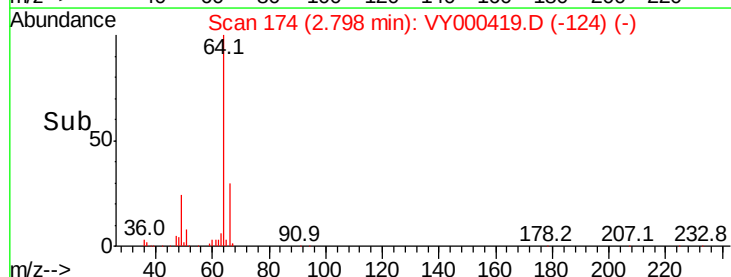
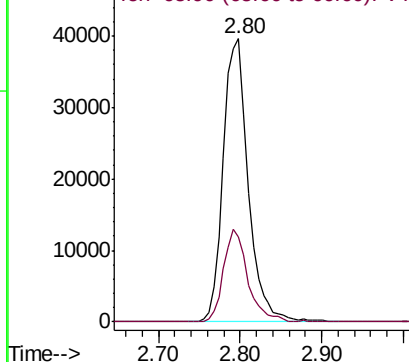
Ion Ratio Lower Upper

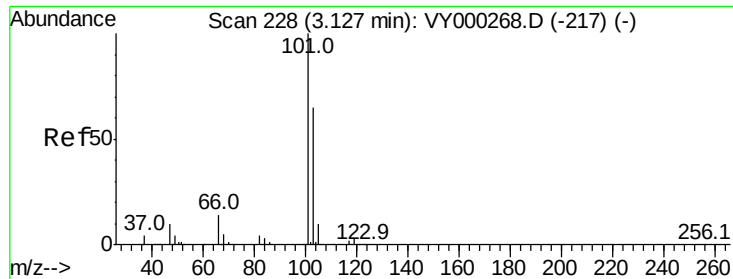
64 100

66 30.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0





#7

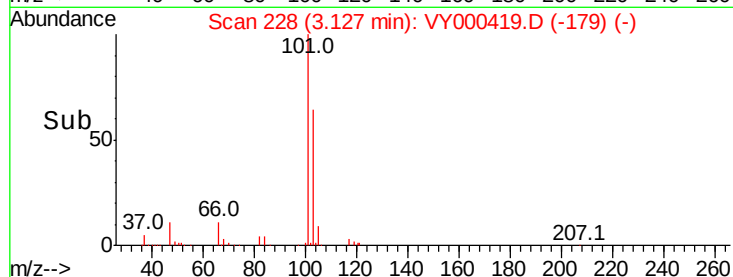
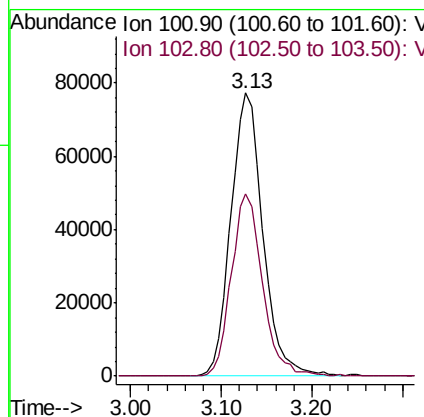
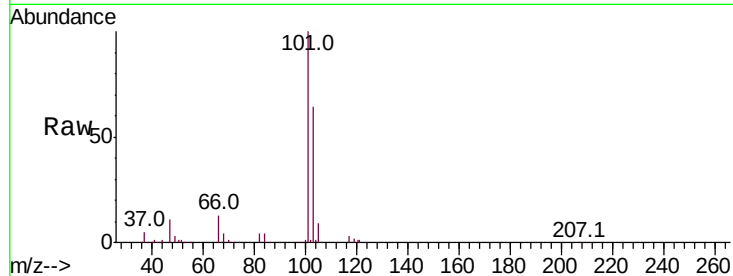
Trichlorofluoromethane
Concen: 50.391 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.4

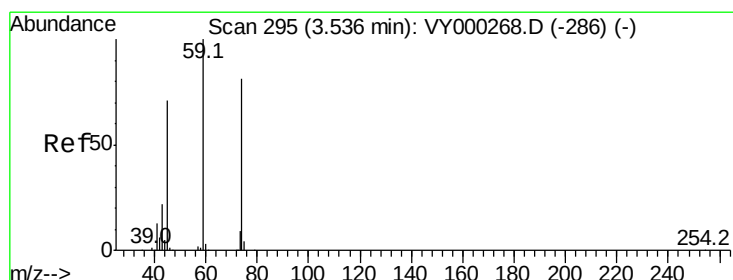
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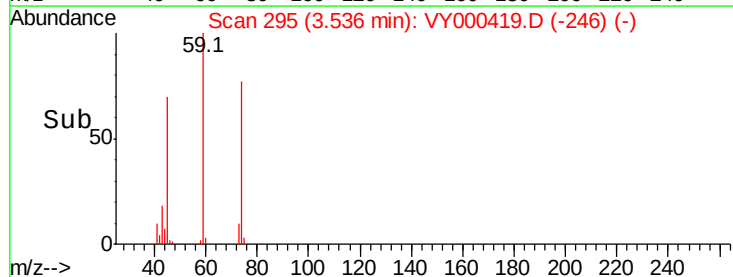
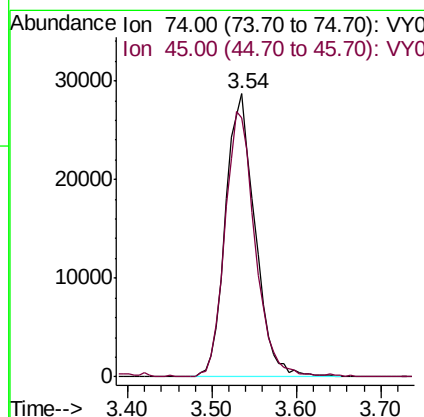
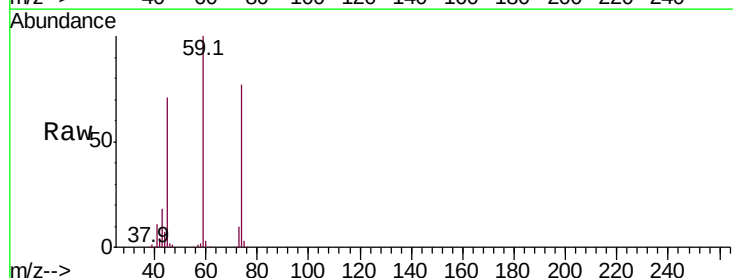
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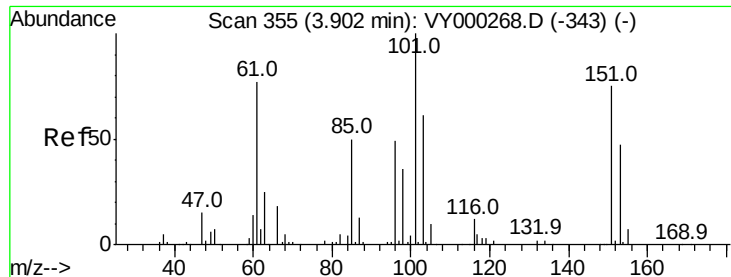


#8

Diethyl Ether
Concen: 51.971 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.907 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

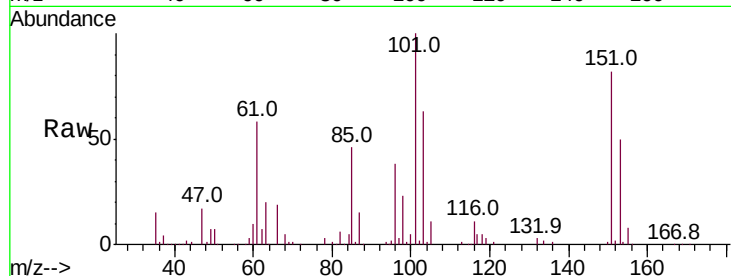
ClientSampleId :

VSTDCCC050

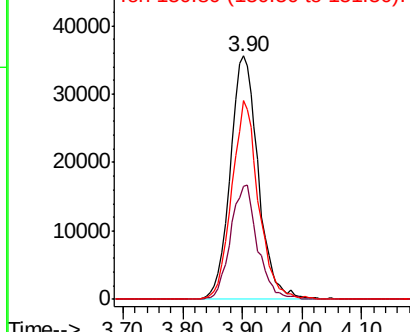
Tot Ion:	101	Resp:	115868
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.6	55.0
151	78.0	63.1	94.7

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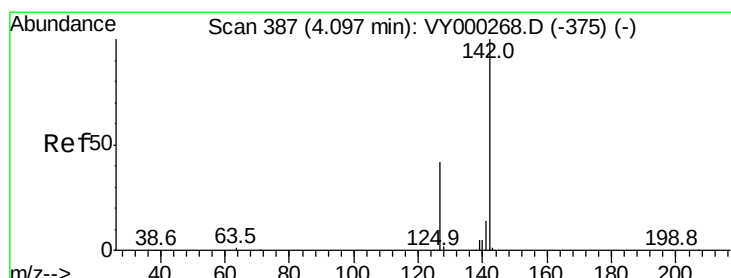
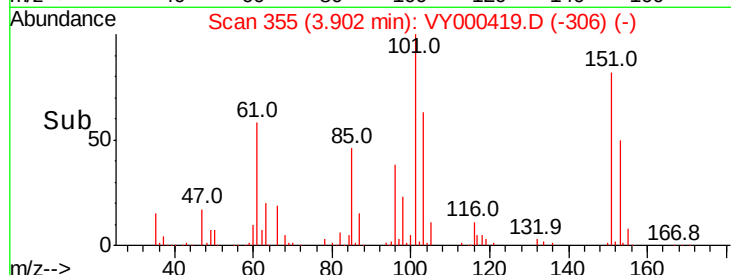


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



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#10

Methyl Iodide

Concen: 45.904 ug/l

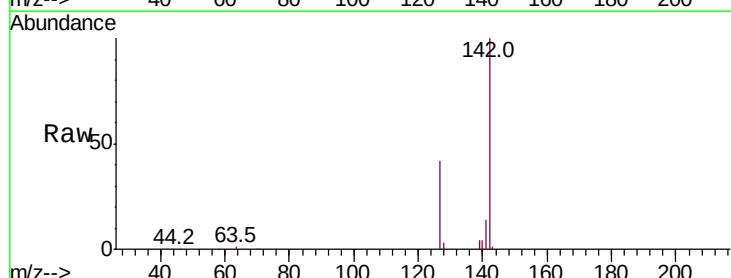
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

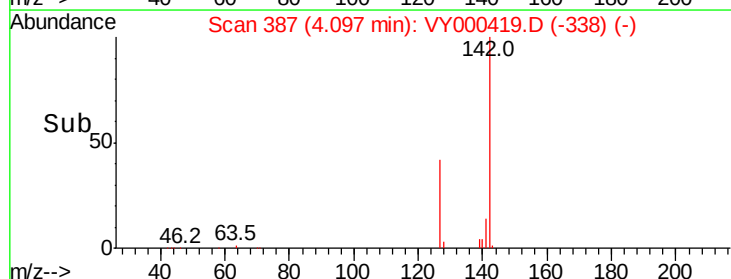
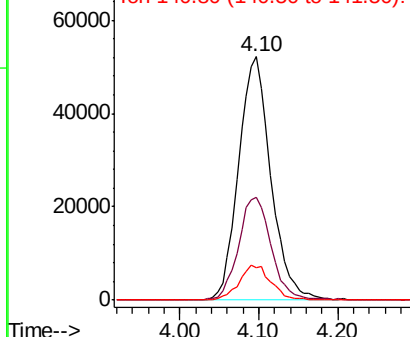
Lab File: VY000419.D

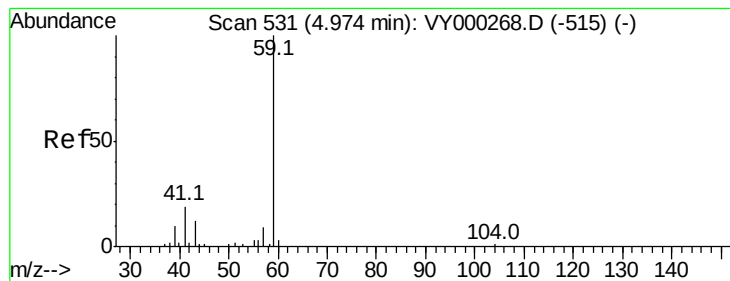
Acq: 25 Oct 2019 10:57

Tgt Ion:	142	Resp:	148494
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.9	50.9
141	14.1	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

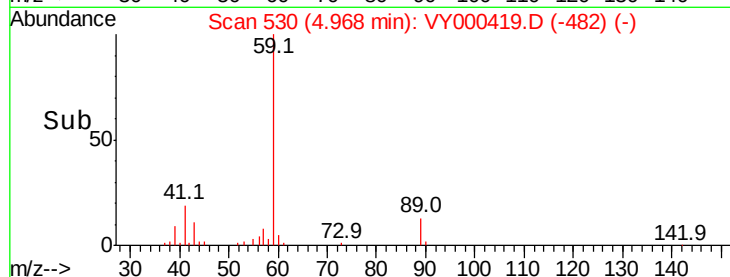
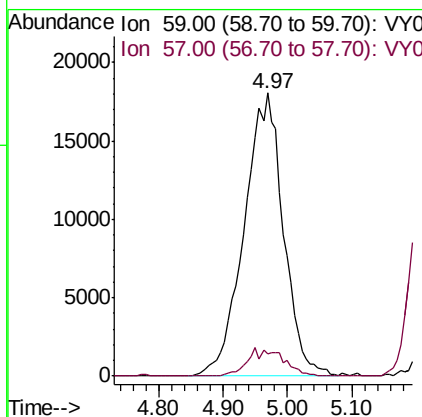
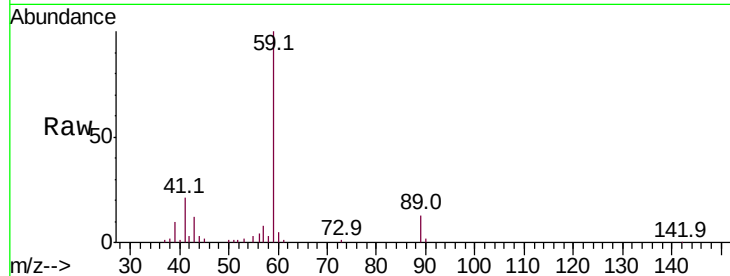
Tert butyl alcohol
Concen: 309.022 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 75894
Ion Ratio Lower Upper
59 100
57 3.5 8.2 12.2#

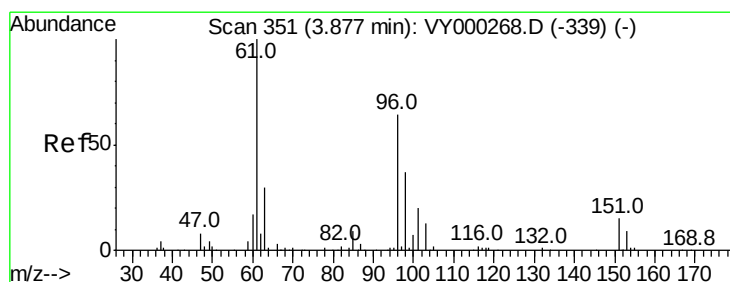
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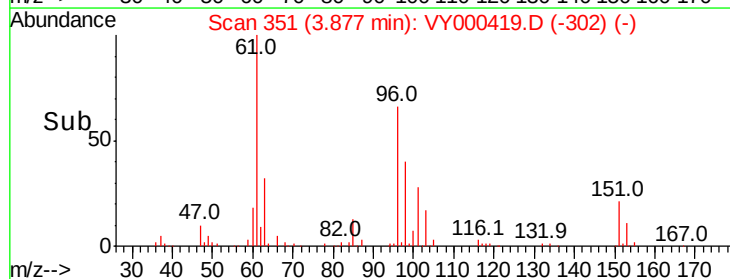
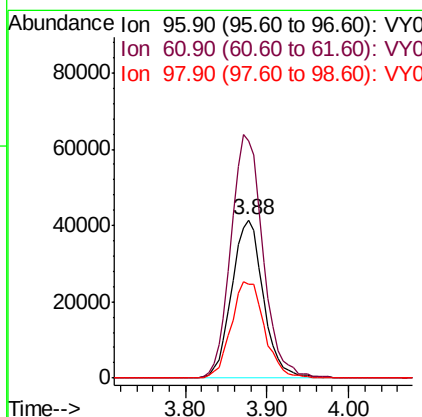
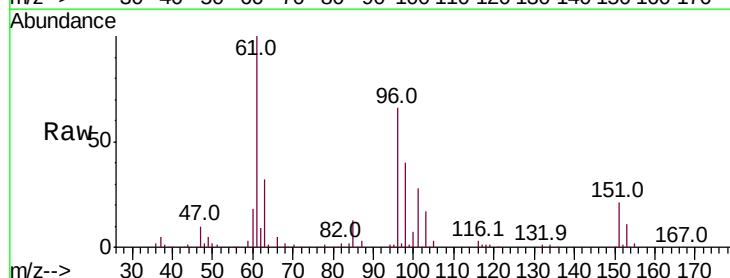
10/28/2019 12:38:28 PM

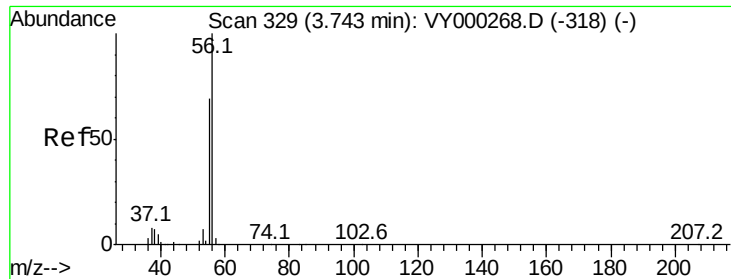


#12

1,1-Dichloroethene
Concen: 49.437 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion: 96 Resp: 111083
Ion Ratio Lower Upper
96 100
61 150.4 125.8 188.6
98 59.7 46.2 69.2





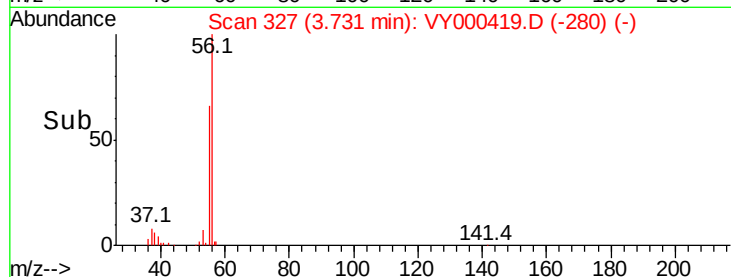
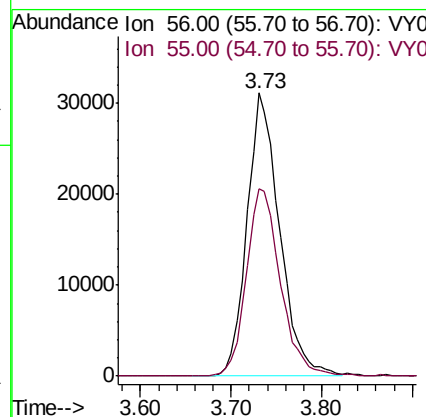
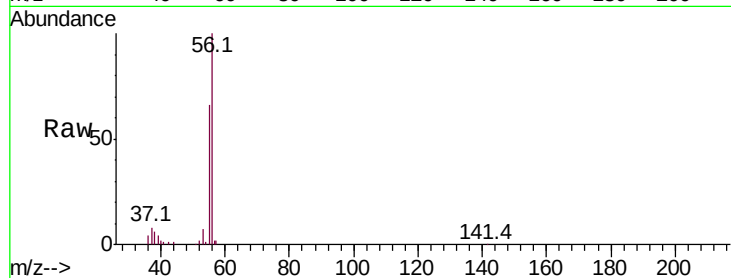
#13
Acrolein
Concen: 268.489 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	77307
Ion Ratio	Lower	Upper	
56	100		
55	69.3	55.7	83.5

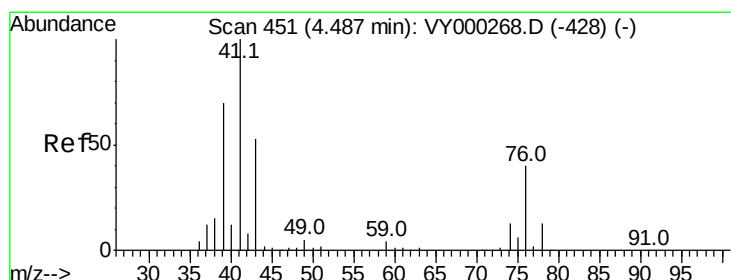
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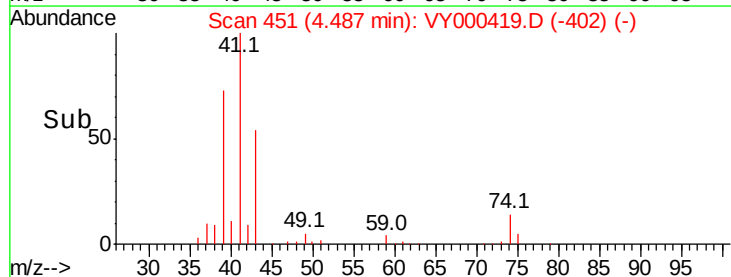
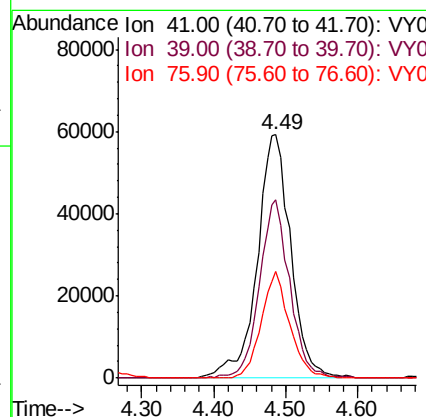
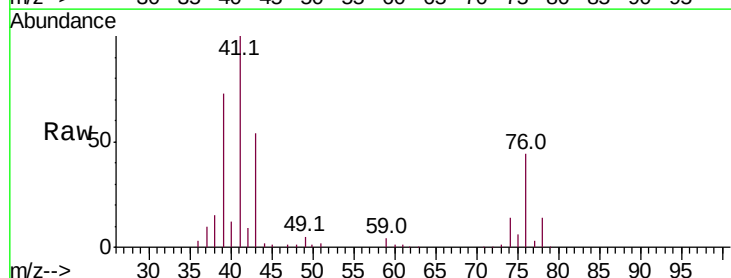
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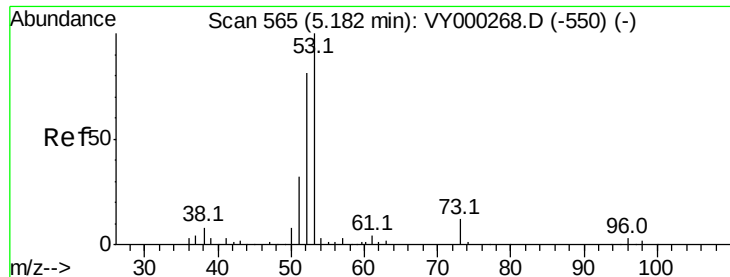
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#14
Allyl chloride
Concen: 51.298 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	41	Resp	191015
Ion Ratio	Lower	Upper	
41	100		
39	66.7	54.0	81.0
76	37.2	30.7	46.1





#15

Acrylonitrile

Concen: 267.715 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

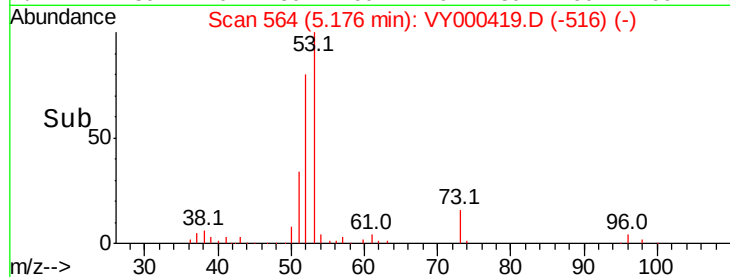
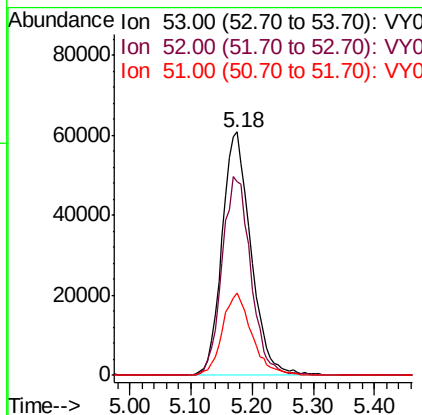
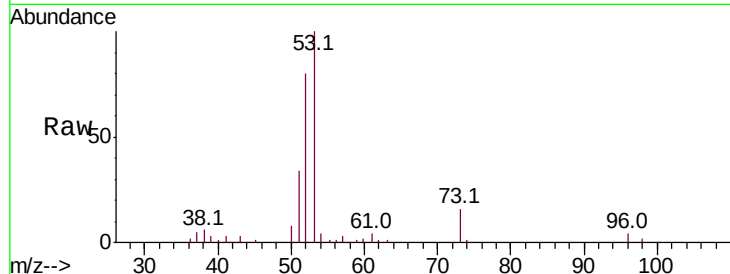
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	198670
Ion	Ratio	Lower	Upper
53	100		
52	81.0	62.9	94.3
51	34.5	26.9	40.3

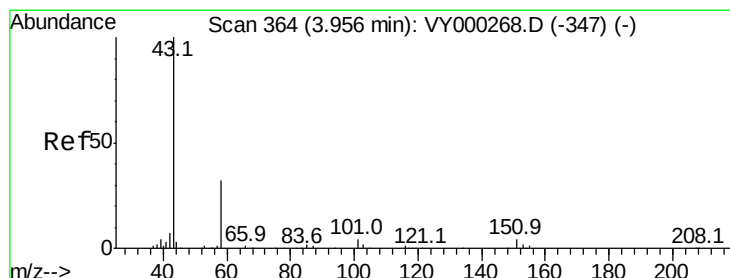
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#16

Acetone

Concen: 295.556 ug/l

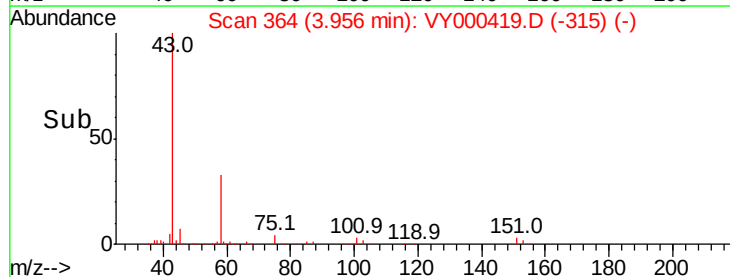
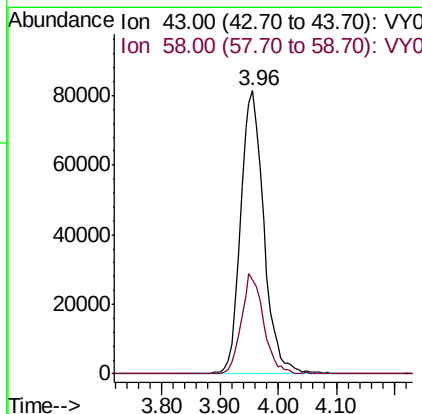
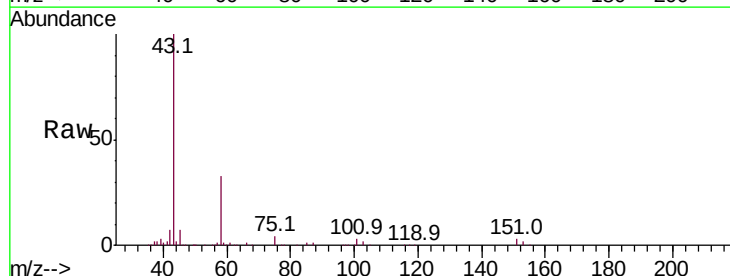
RT: 3.96 min Scan# 364

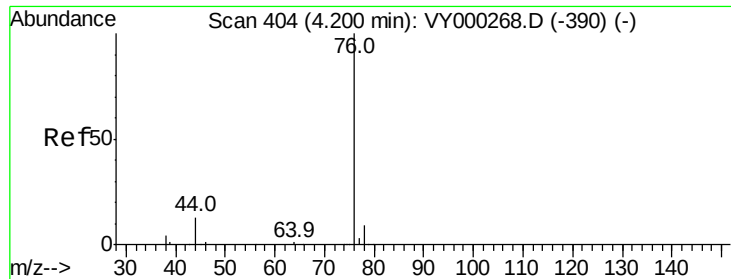
Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Tgt Ion:	43	Resp:	224620
Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.8	38.6





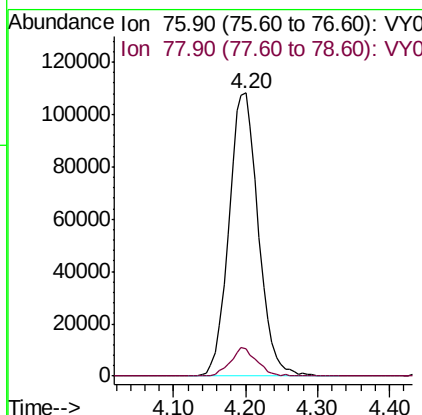
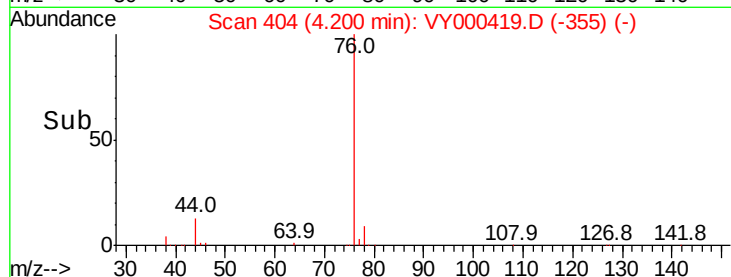
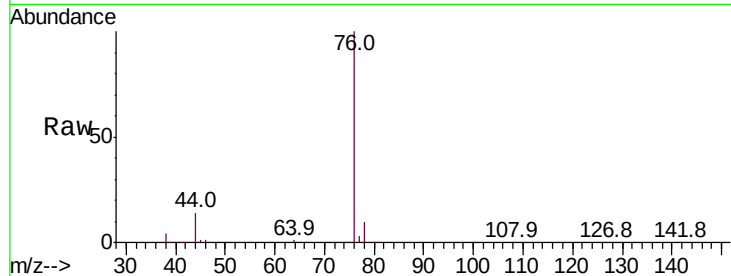
#17
Carbon Disulfide
Concen: 43.284 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.4

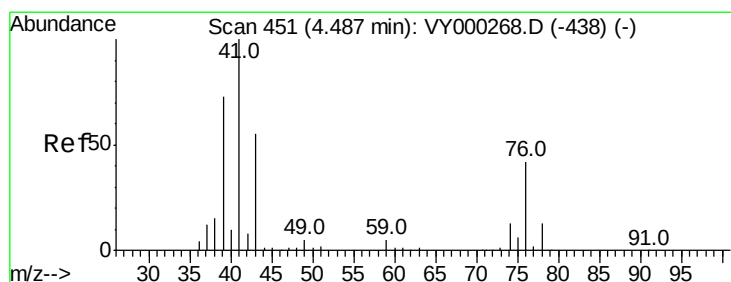
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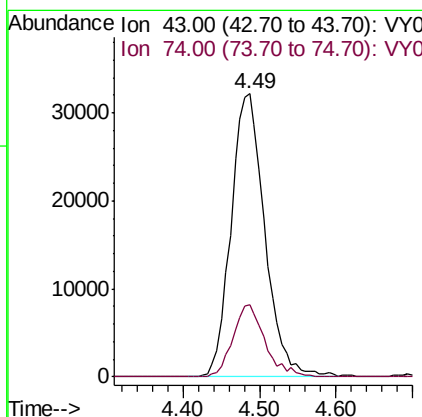
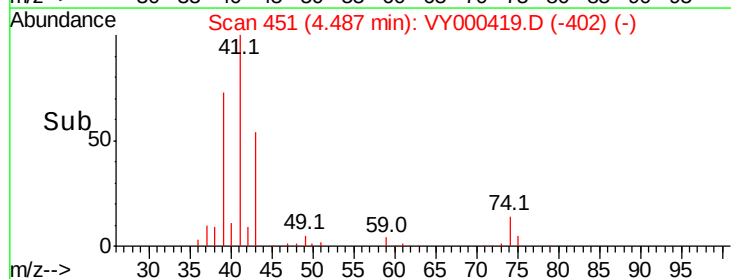
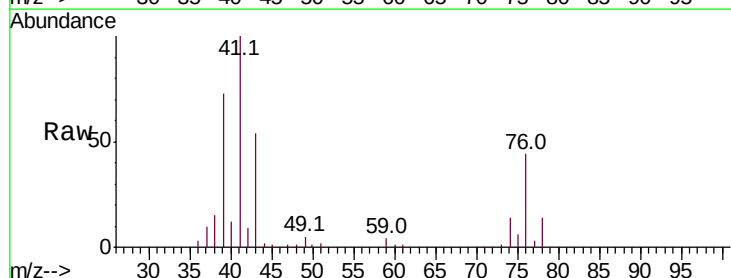
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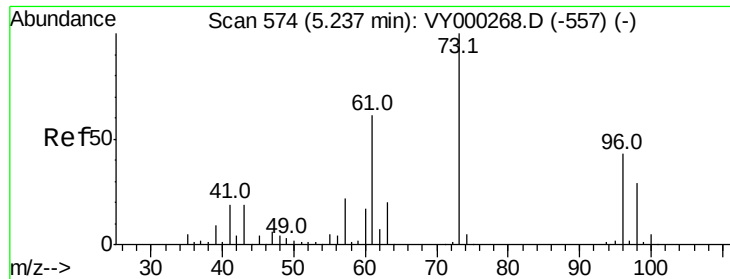
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#18
Methyl Acetate
Concen: 52.054 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.4	30.6





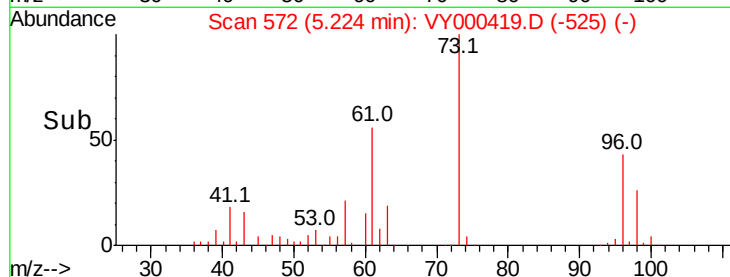
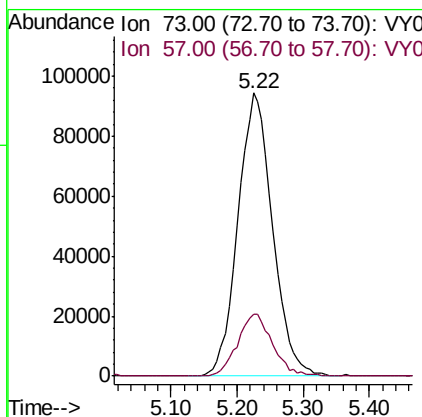
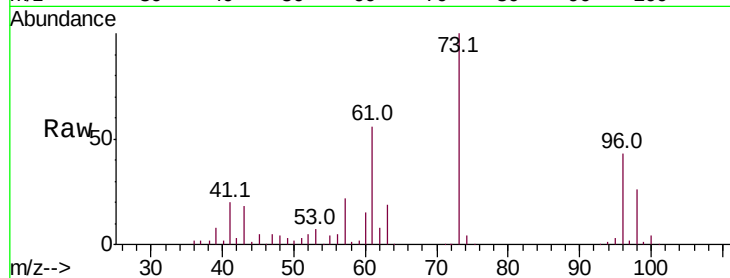
#19
Methyl tert-butyl Ether
Concen: 54.782 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 342666
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

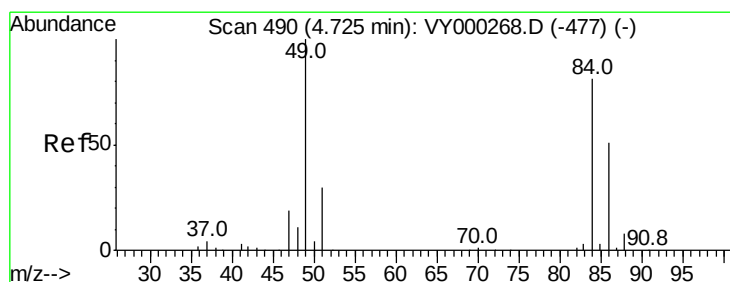
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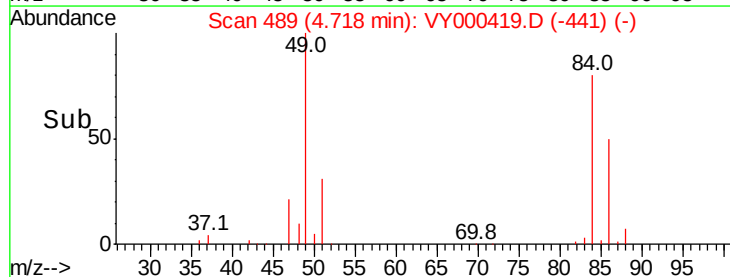
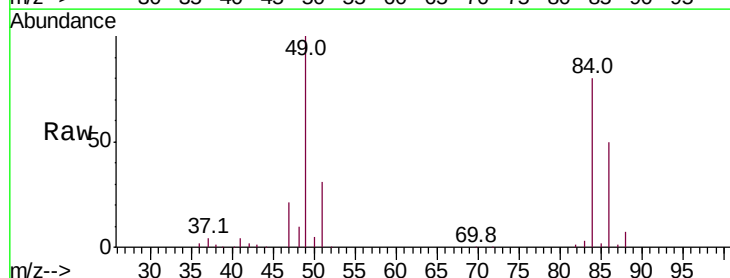
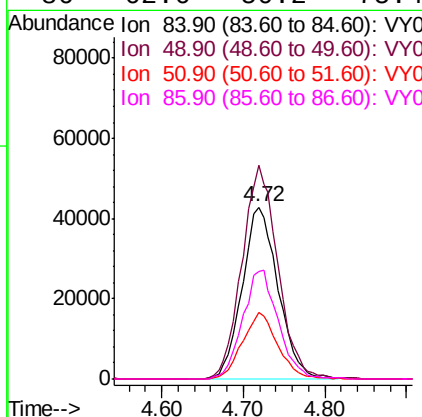
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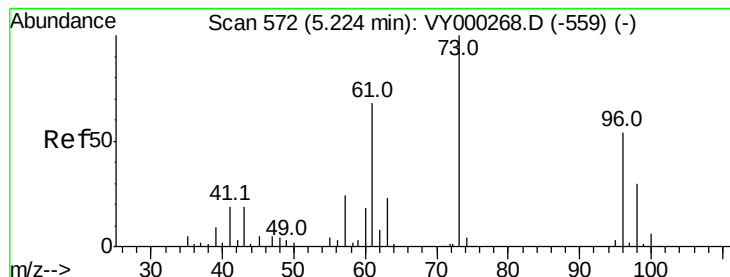
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#20
Methylene Chloride
Concen: 51.442 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion: 84 Resp: 131325
Ion Ratio Lower Upper
84 100
49 124.3 99.0 148.4
51 39.1 29.3 43.9
86 62.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 49.352 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 127228

Ion Ratio Lower Upper

96 100

61 132.7 100.4 150.6

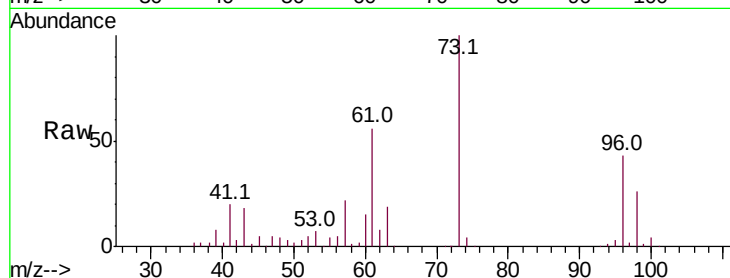
98 61.7 44.6 66.8

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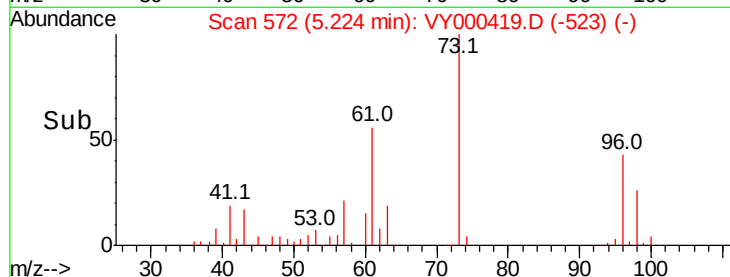
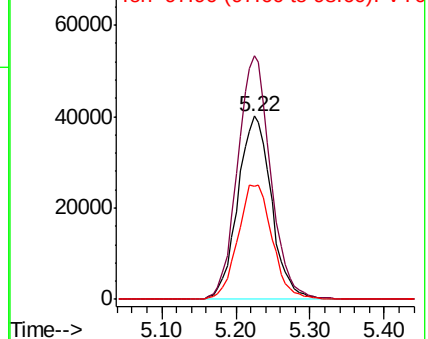


Abundance

Ion 95.90 (95.60 to 96.60): VY0

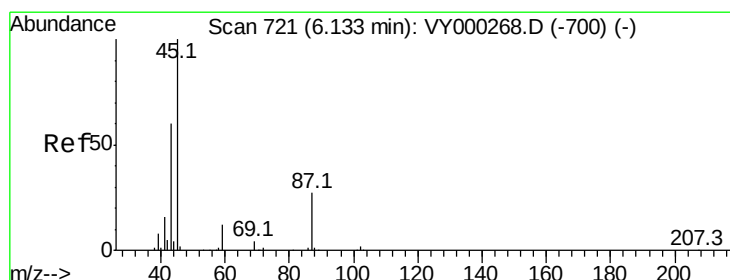
Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



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#22

Diisopropyl ether

Concen: 55.495 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Tgt Ion: 45 Resp: 437051

Ion Ratio Lower Upper

45 100

43 57.2 48.5 72.7

87 26.9 21.5 32.3

59 12.3 9.4 14.0

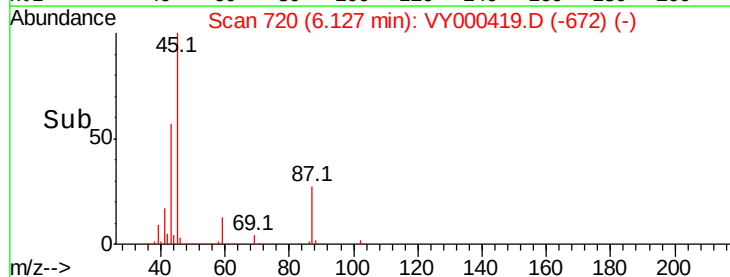
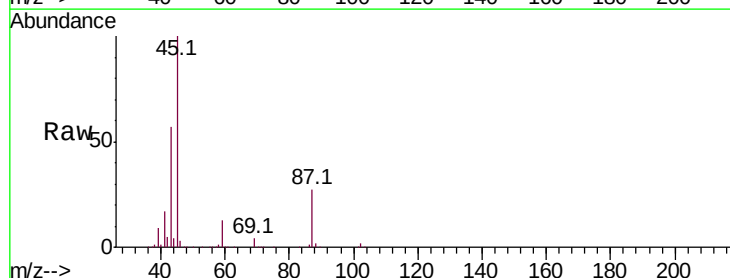
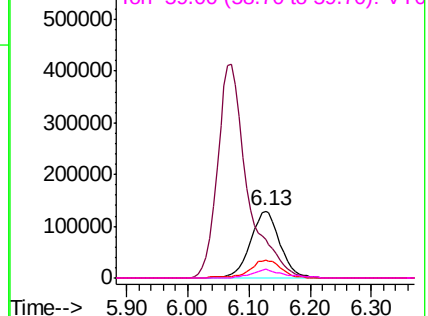
Abundance

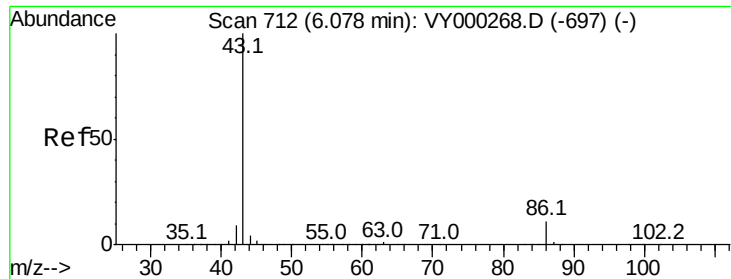
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 273.111 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1403220

Ion Ratio Lower Upper

43 100

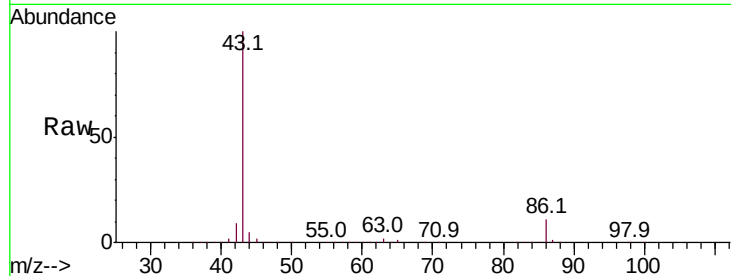
86 10.9 8.6 13.0

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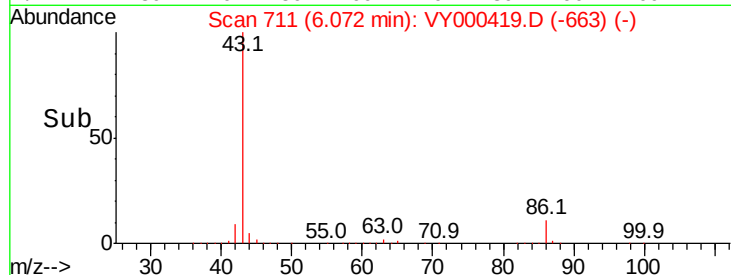
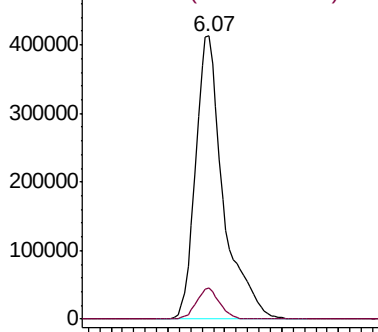
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Abundance Ion 43.00 (42.70 to 43.70): VY0

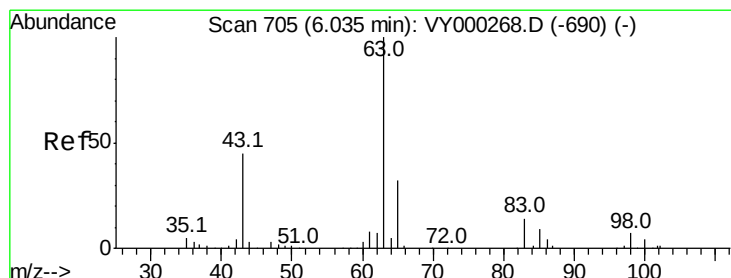
Ion 86.00 (85.70 to 86.70): VY0



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Time-->



#24

1,1-Dichloroethane

Concen: 52.488 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

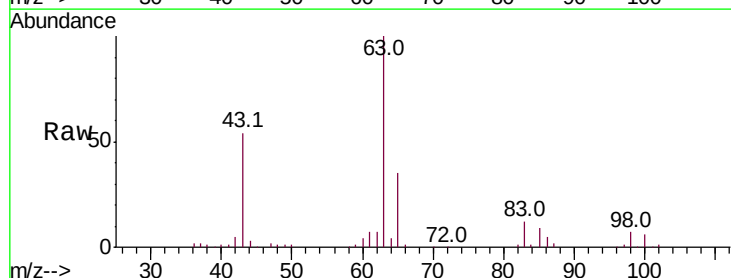
Tgt Ion: 63 Resp: 225636

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

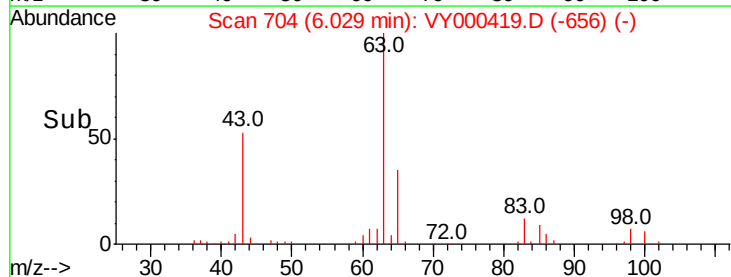
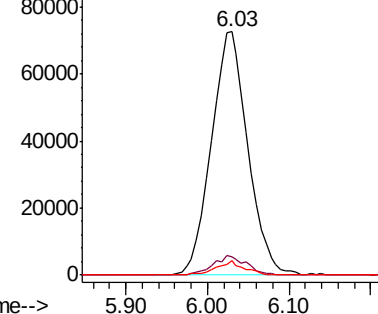
100 6.1 2.1 6.2



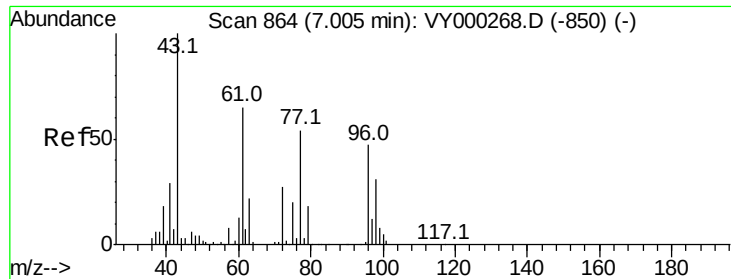
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->



#25

2-Butanone

Concen: 290.109 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Tot Ion: 43 Resp: 310587

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.2

Instrument :

MSVOA_Y

ClientSampleId :

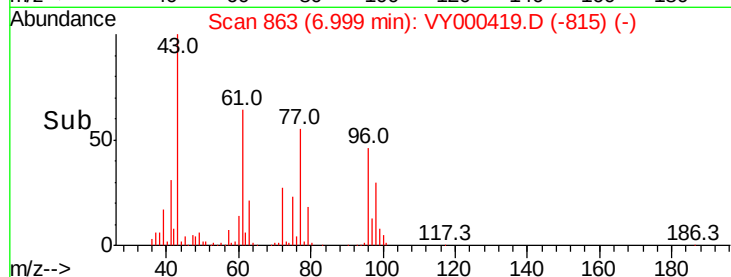
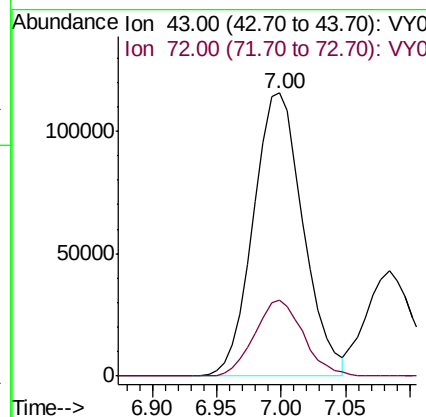
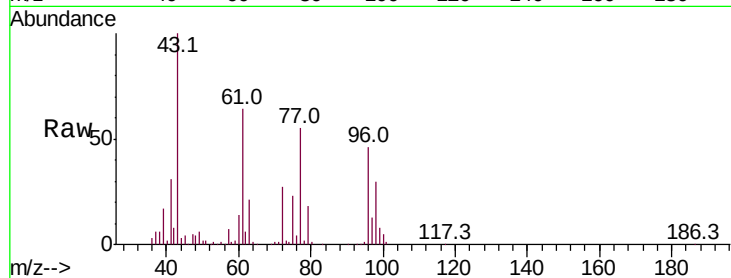
VSTDCCC050

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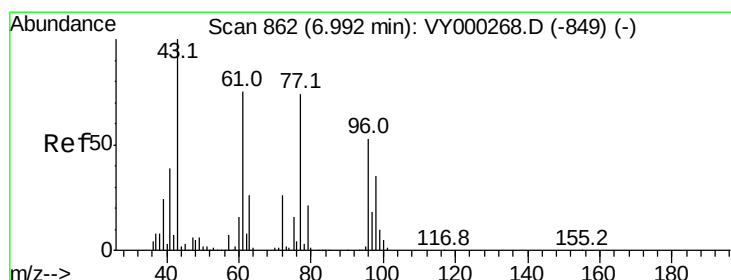
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#26

2,2-Dichloropropane

Concen: 53.666 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000419.D

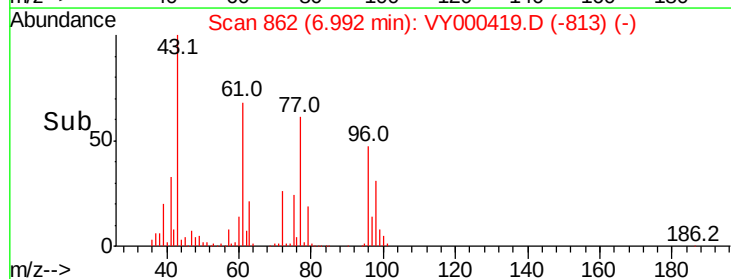
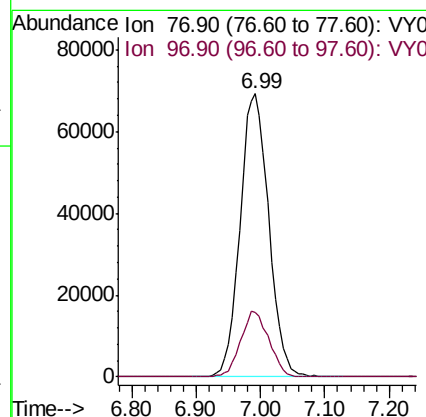
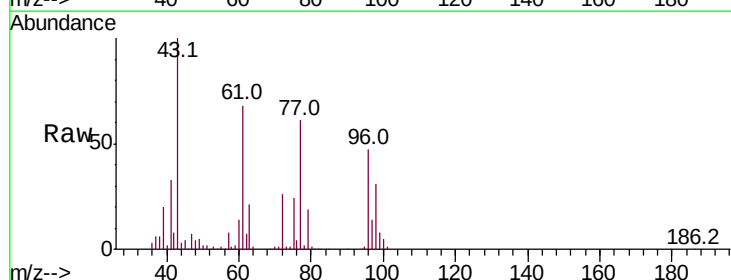
Acq: 25 Oct 2019 10:57

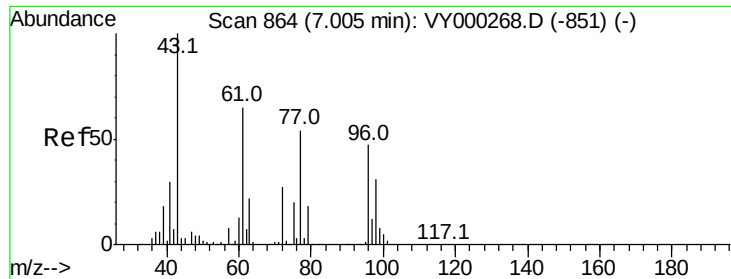
Tgt Ion: 77 Resp: 212580

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.7





#27

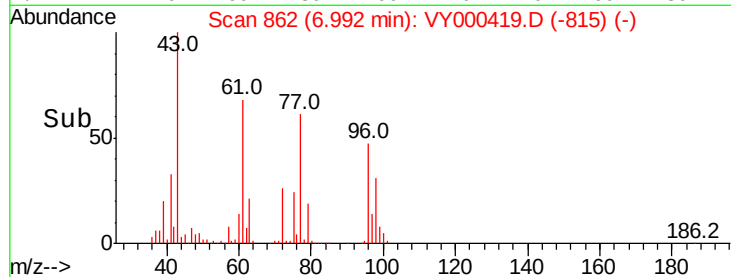
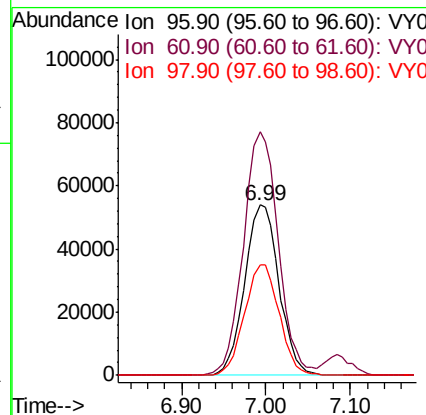
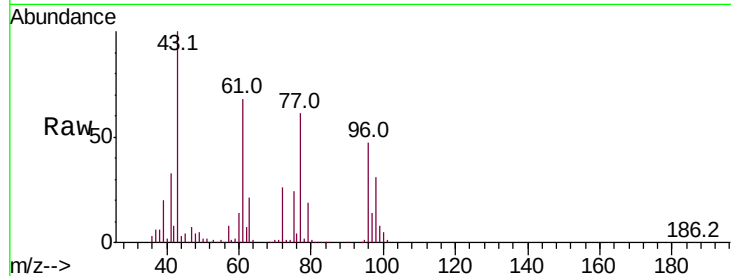
cis-1,2-Dichloroethene
Concen: 53.228 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	289.8
98	65.6	0.0	131.8

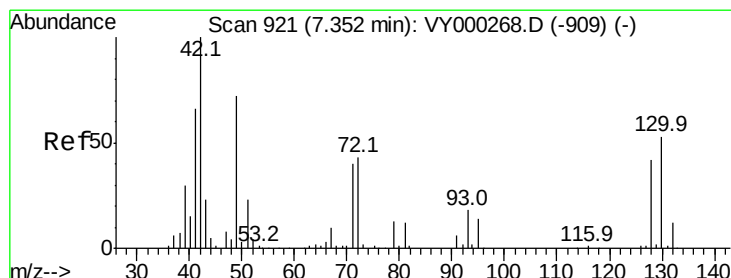
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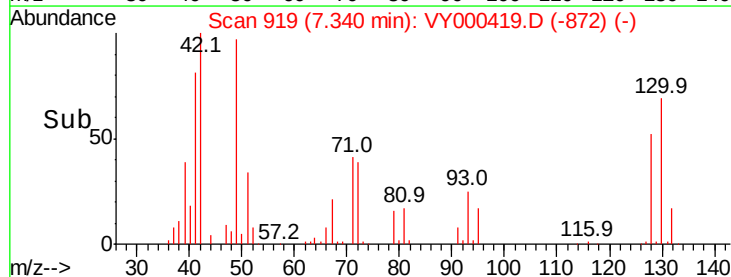
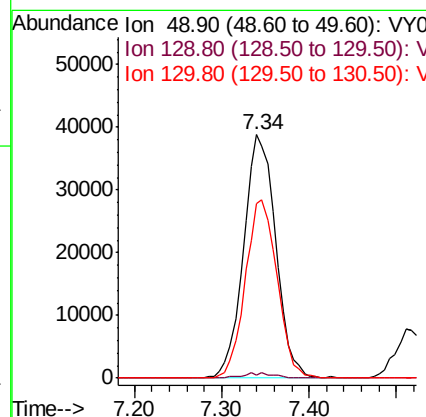
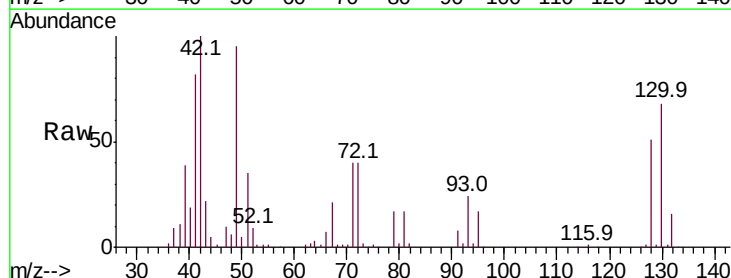
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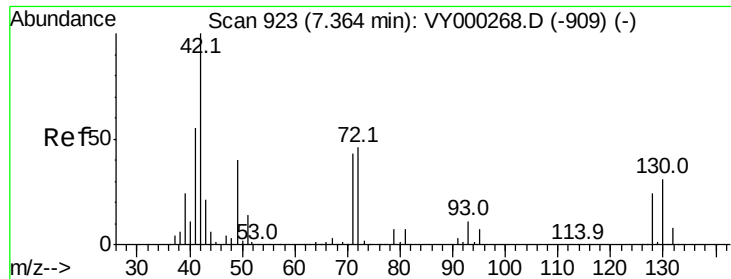


#28

Bromochloromethane
Concen: 53.729 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.3	58.2	87.2





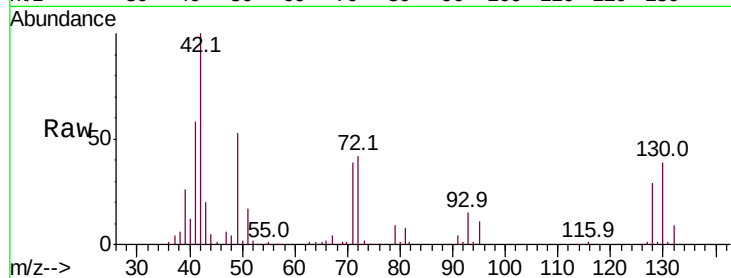
#29
Tetrahydrofuran
Concen: 268.382 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

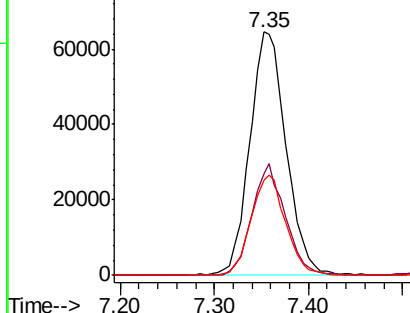
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.5	51.7
71	39.5	32.7	49.1

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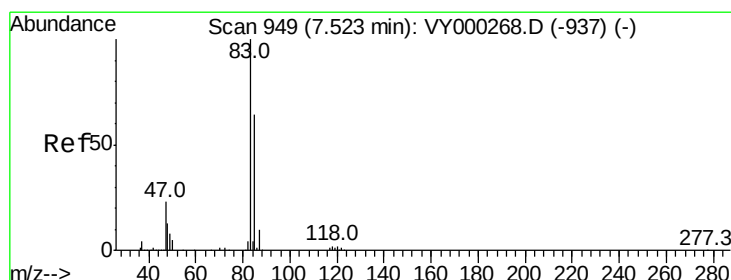
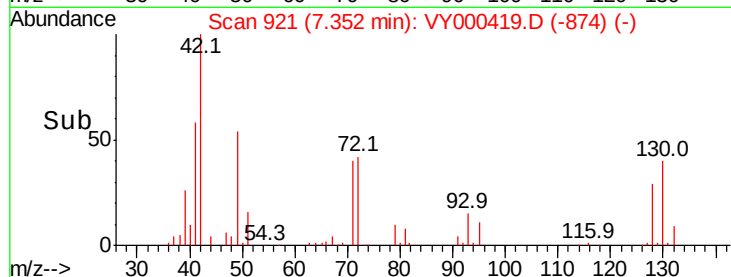


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



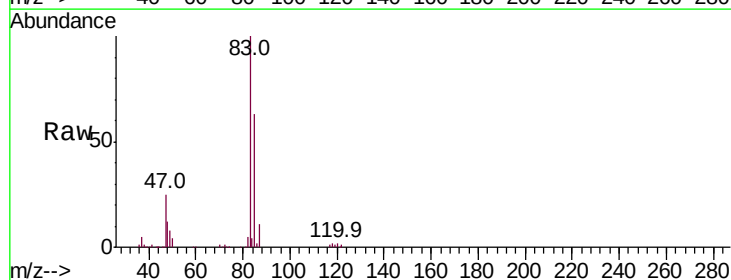
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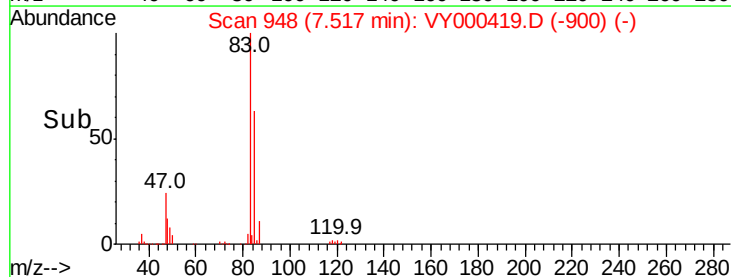
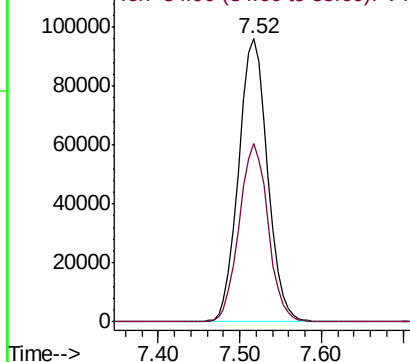


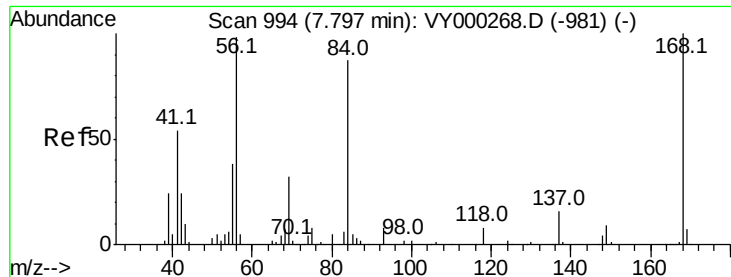
#30
Chloroform
Concen: 54.510 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.4	77.2



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





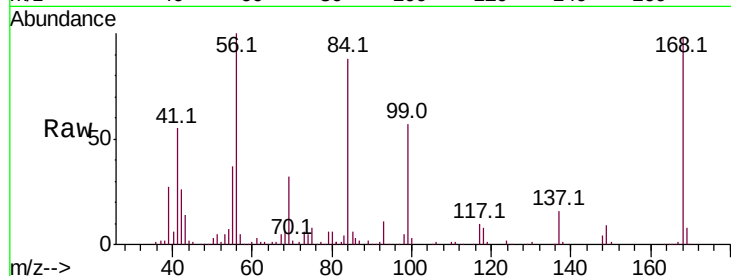
#31
Cyclohexane
Concen: 47.749 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

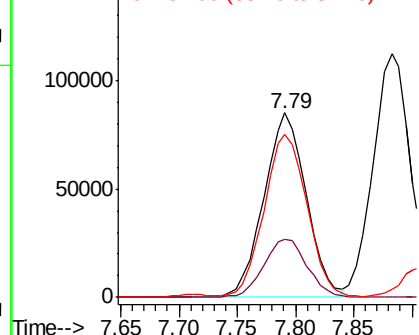
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	26.3	39.5
84	86.8	70.8	106.2

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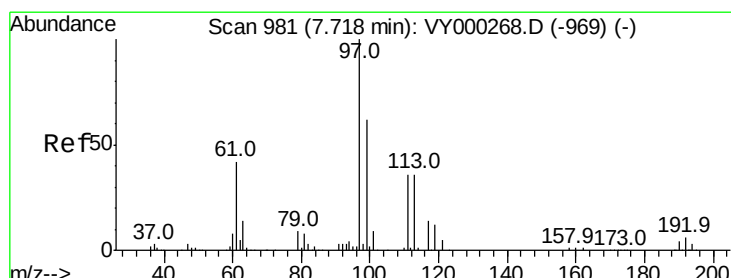
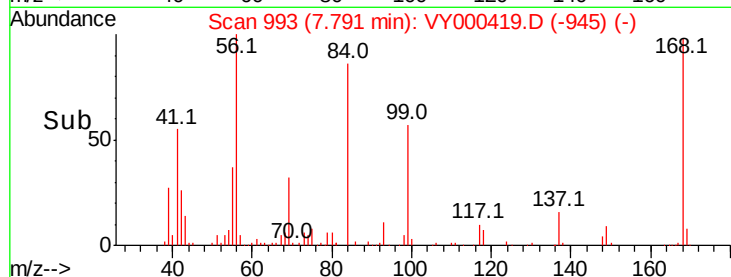


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



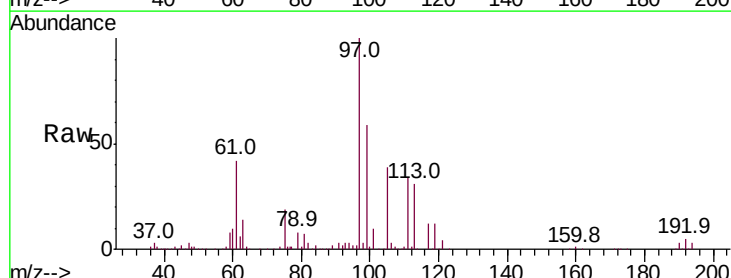
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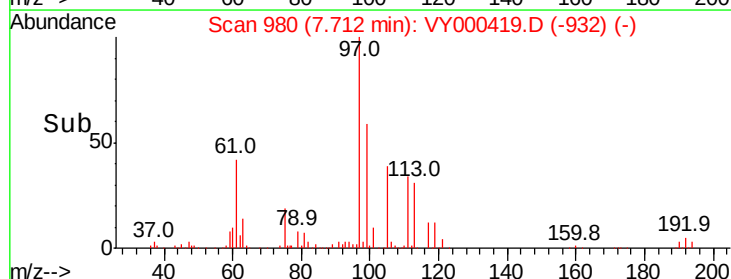
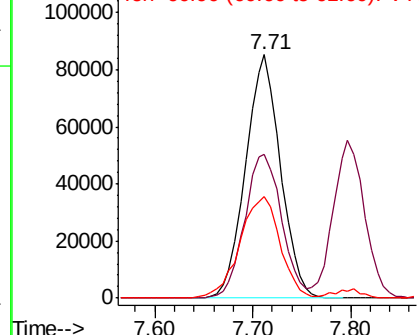


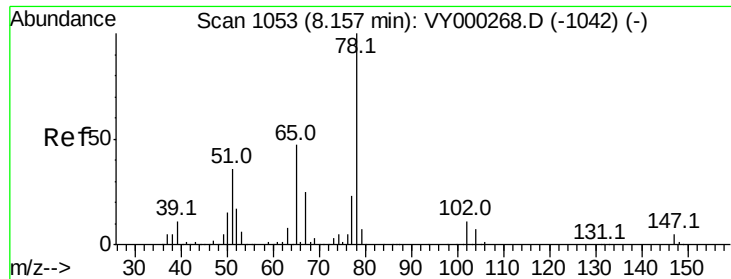
#32
1,1,1-Trichloroethane
Concen: 54.674 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.7	77.5
61	48.3	34.5	51.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





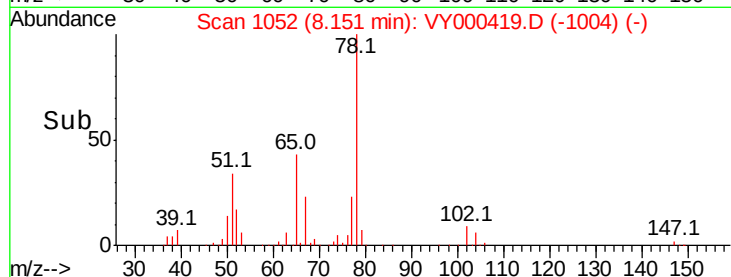
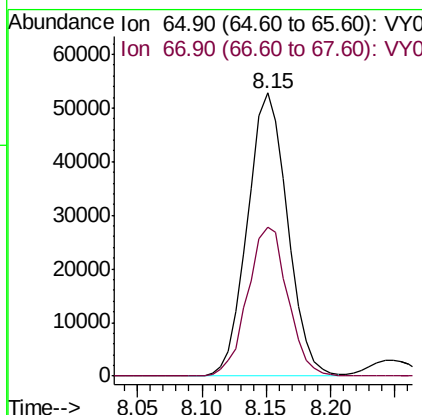
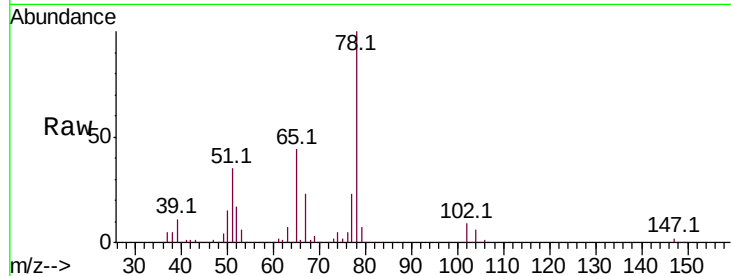
#33
 1,2-Dichloroethane-d4
 Concen: 48.395 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	109.4

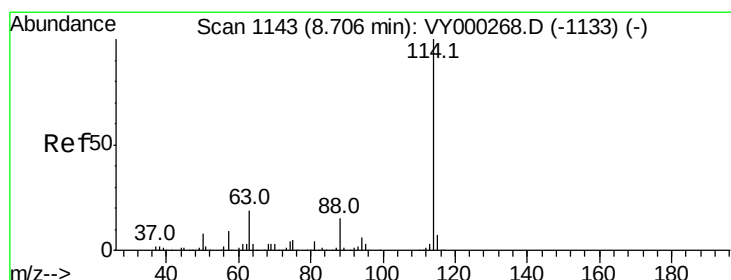
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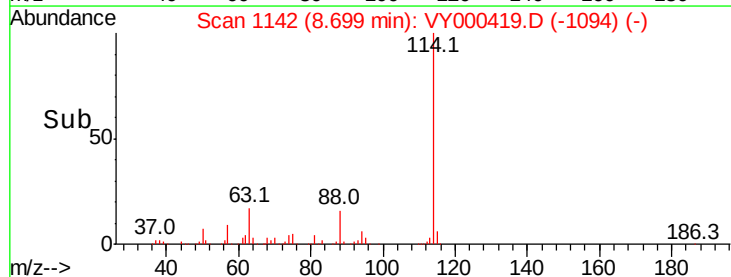
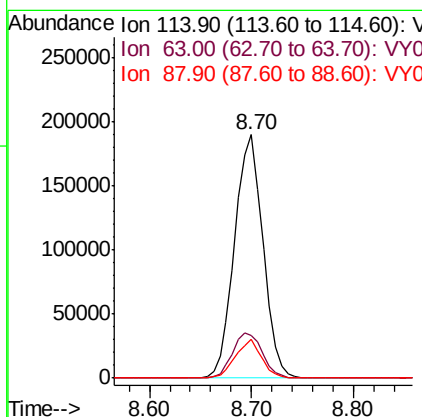
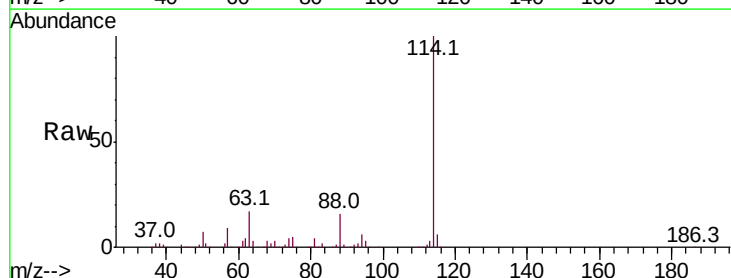
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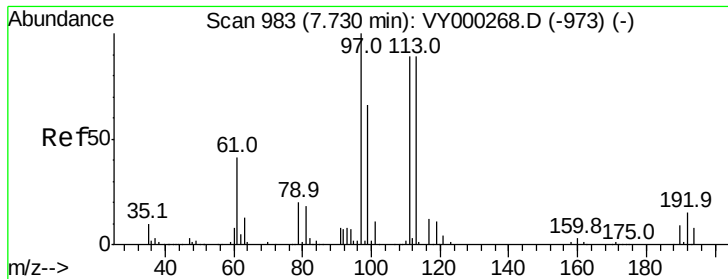
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	37.2
88	15.7	0.0	30.2





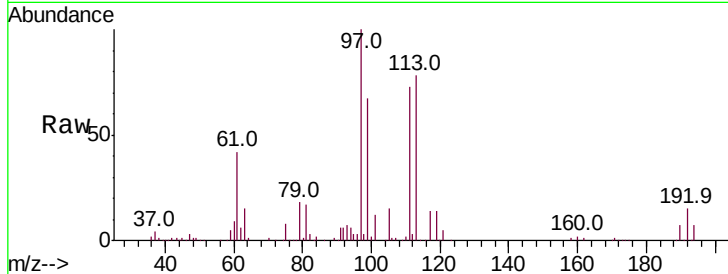
#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	19.9	15.3	22.9

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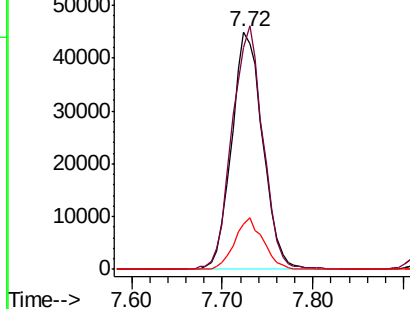


Abundance

Ion 112.80 (112.50 to 113.50): V

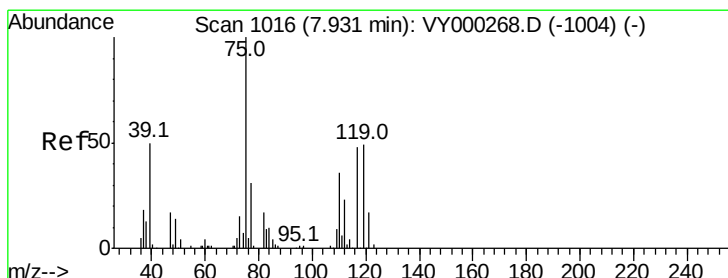
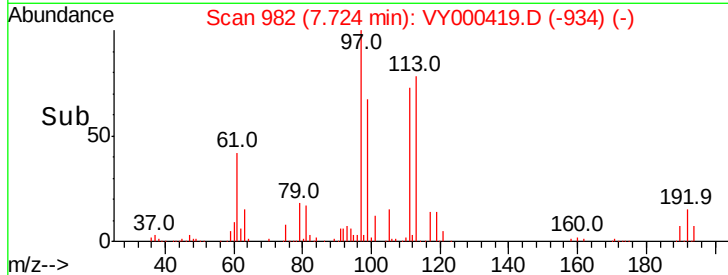
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



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#36
1,1-Dichloropropene
Concen: 50.525 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

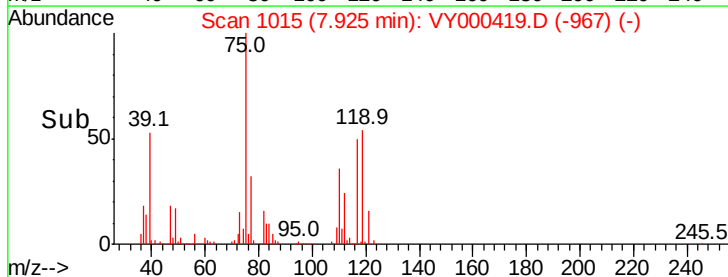
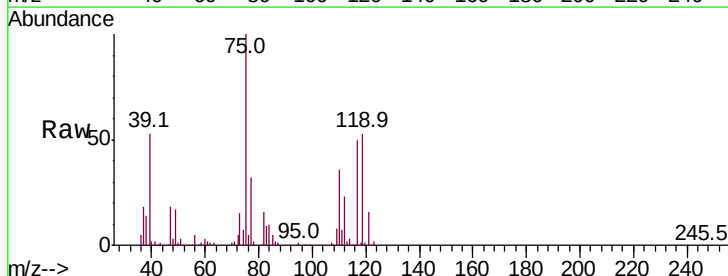
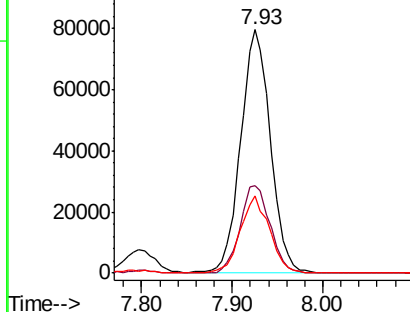
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.4	55.4
77	31.1	25.0	37.6

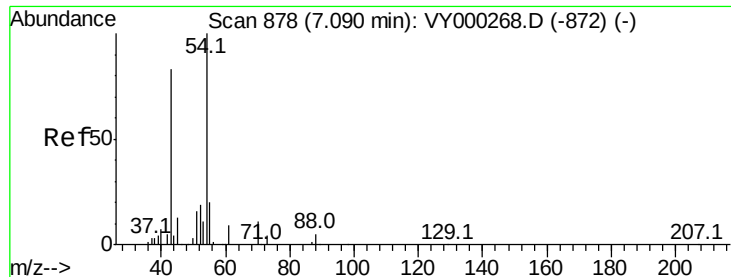
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





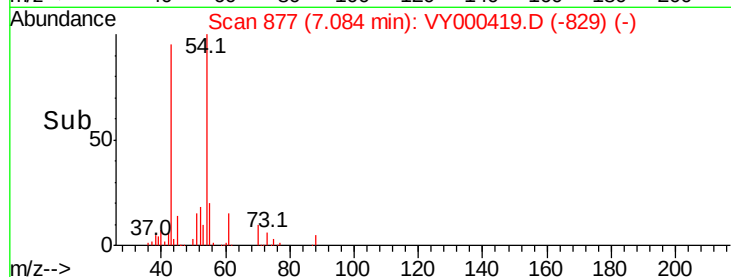
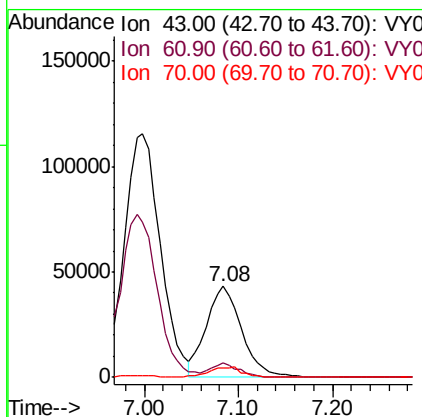
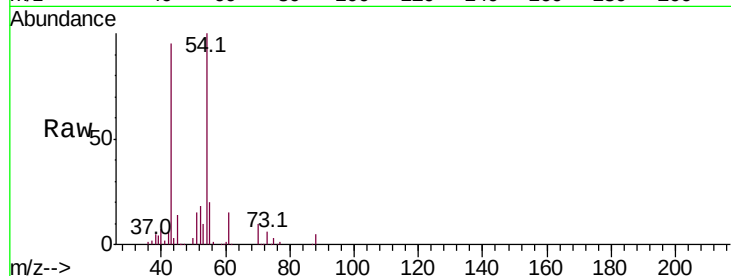
#37
Ethyl Acetate
Concen: 53.002 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	12.1	18.1#
70	10.8	8.7	13.1

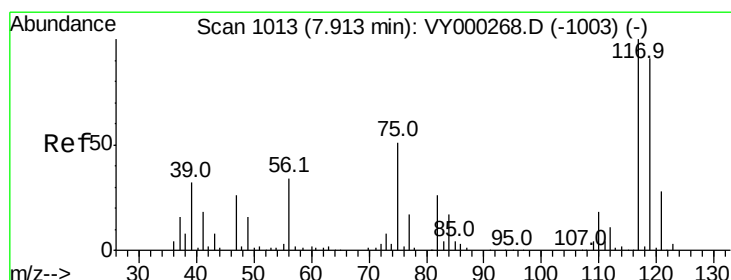
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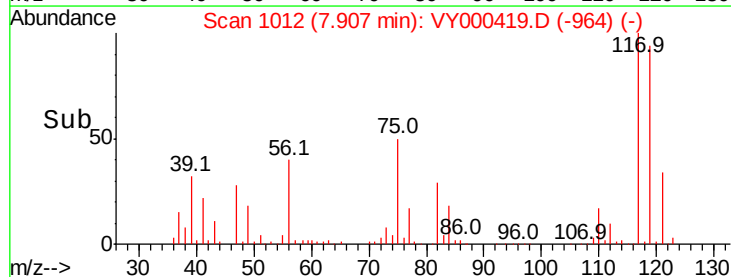
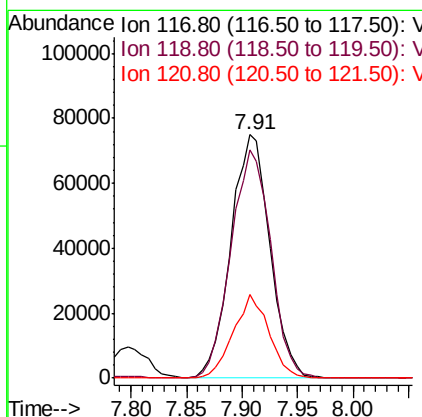
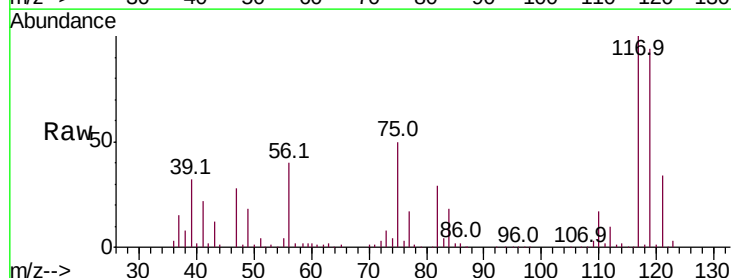
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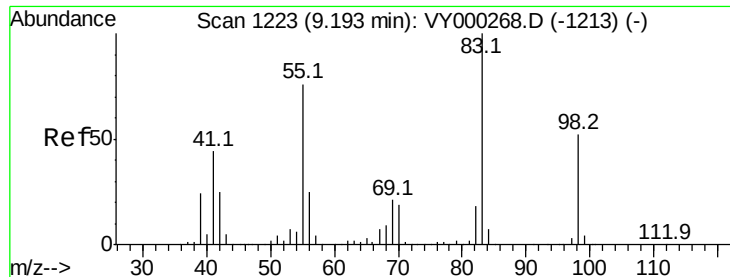
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#38
Carbon Tetrachloride
Concen: 52.676 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	72.8	109.2
121	34.1	22.2	33.2#





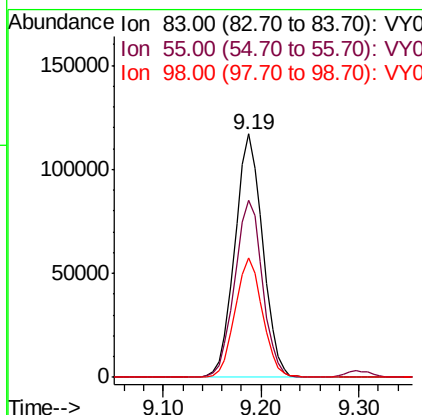
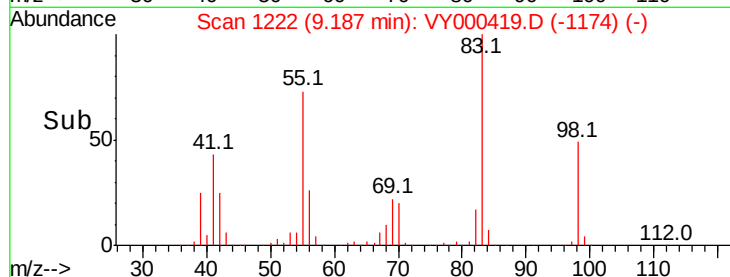
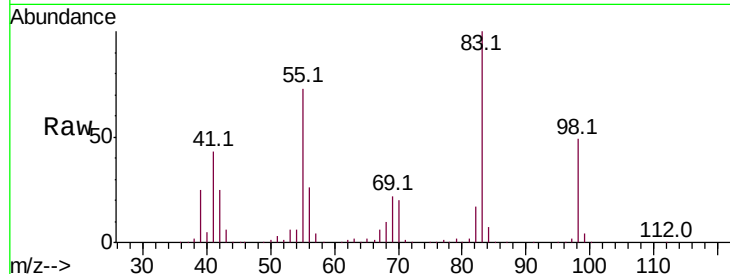
#39
Methylvlcyclohexane
Concen: 49.325 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	60.9	91.3
98	49.1	41.8	62.6

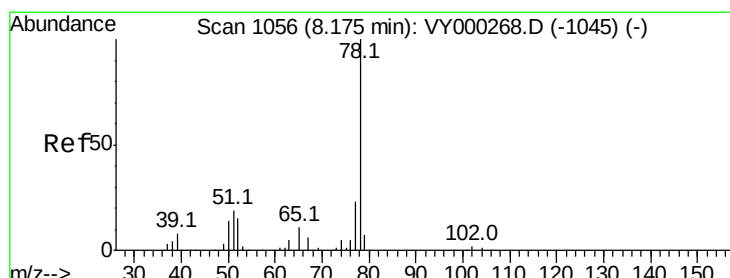
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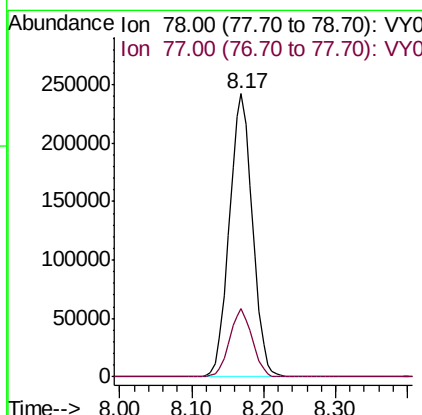
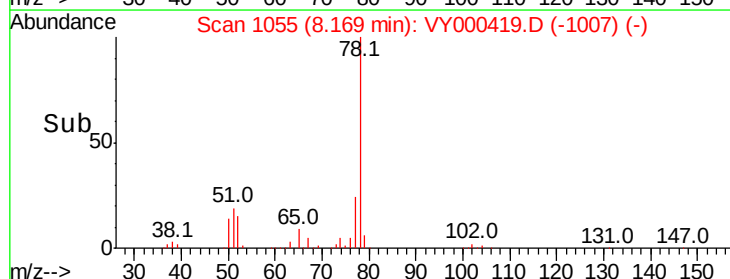
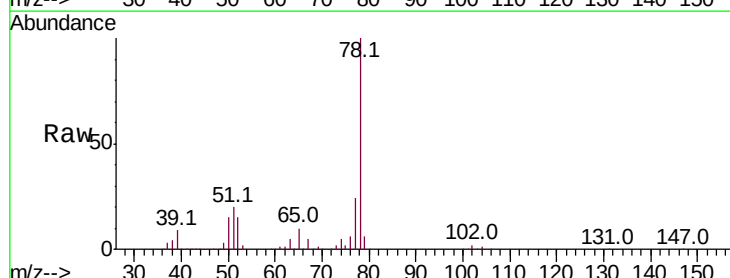
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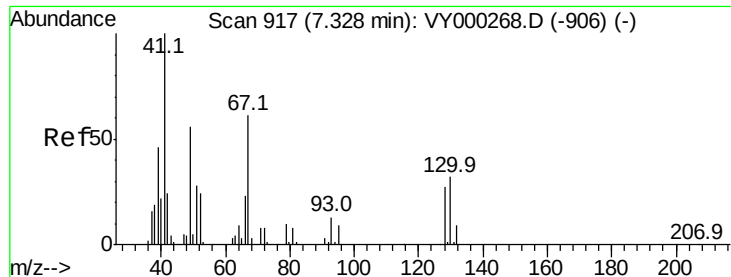
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#40
Benzene
Concen: 52.054 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





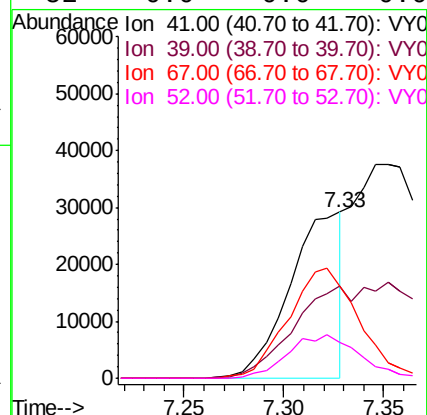
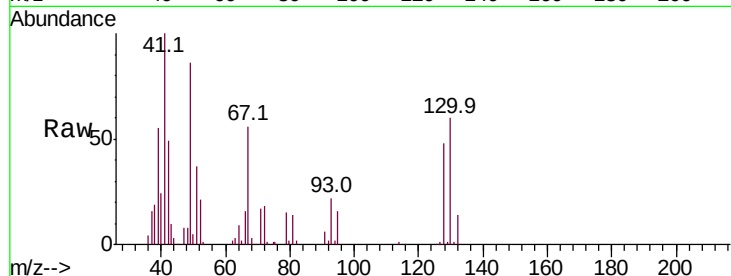
#41
Methacrylonitrile
Concen: 53.423 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

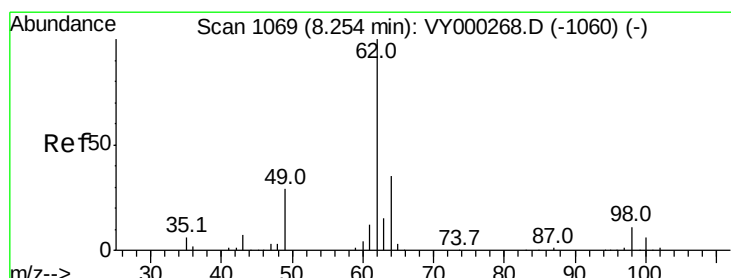
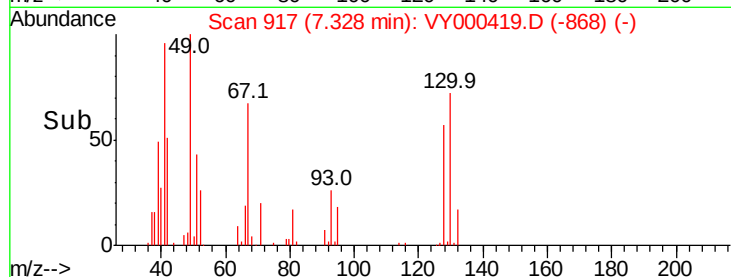
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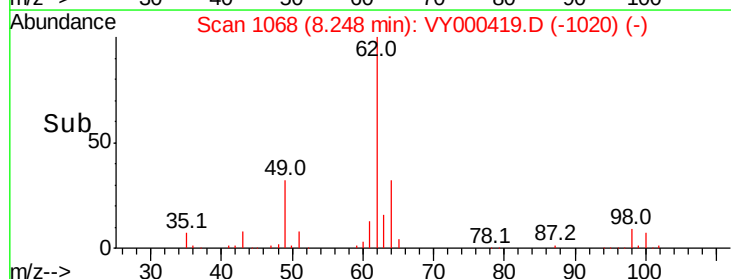
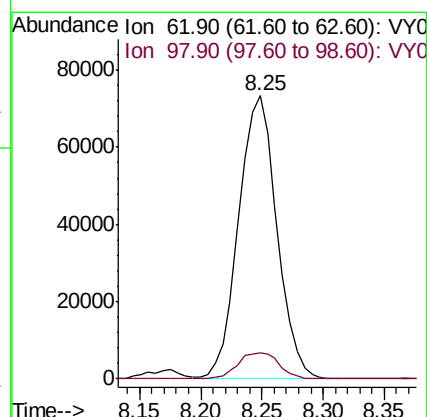
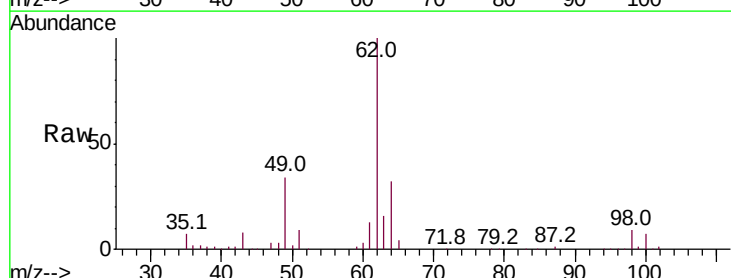
MMDadoda

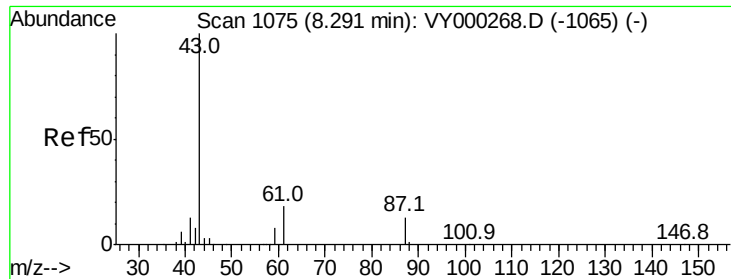
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#42
1,2-Dichloroethane
Concen: 53.911 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 54.468 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

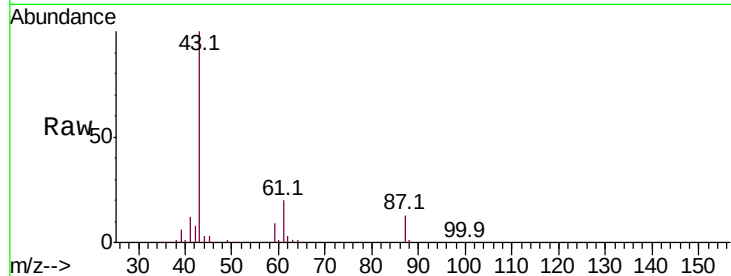
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	219376
Ion Ratio	Lower	Upper	
43	100		
61	28.0	22.3	33.5
87	13.1	10.9	16.3

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Abundance Ion 43.00 (42.70 to 43.70): VY000419.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000419.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000419.D (-1074) (-)

Time-->

8.28

100000

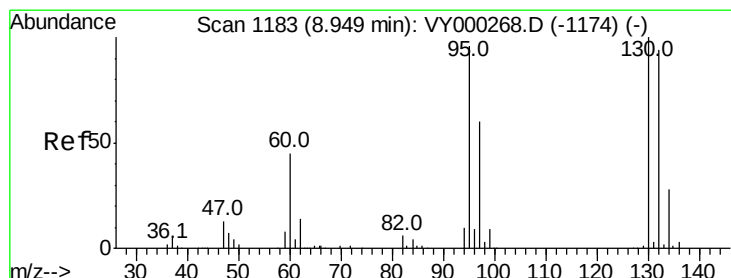
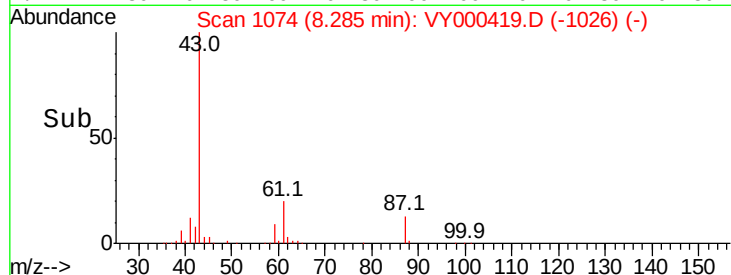
50000

0

8.20 8.30 8.40

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#44

Trichloroethene

Concen: 49.297 ug/l

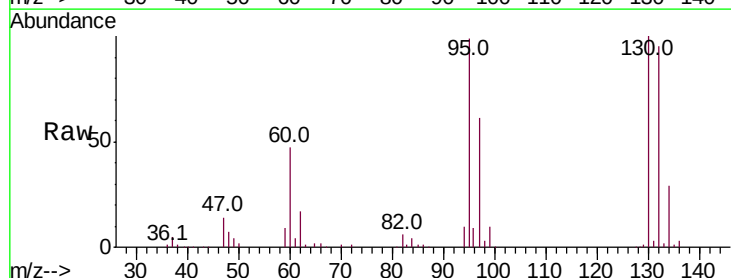
RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Tgt Ion:	130	Resp:	142997
Ion Ratio	Lower	Upper	
130	100		
95	98.7	0.0	191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000419.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY000419.D (-1182) (-)

Time-->

8.94

80000

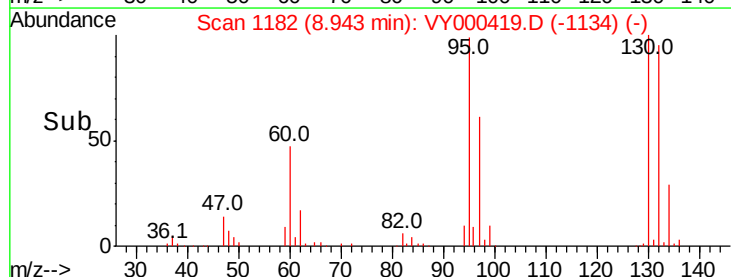
60000

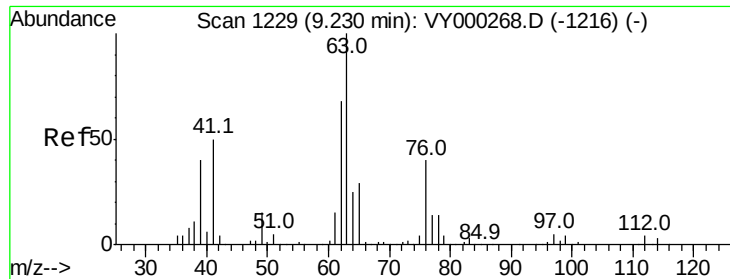
40000

20000

0

8.85 8.90 8.95 9.00 9.05





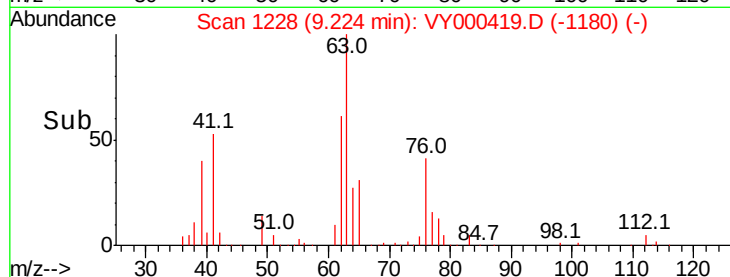
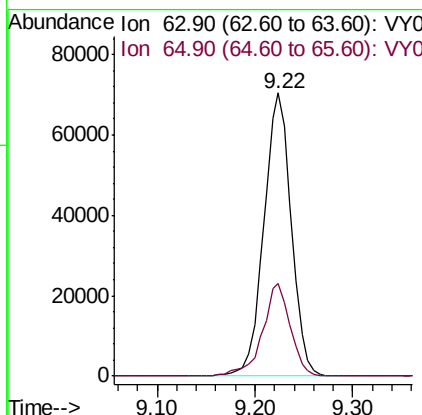
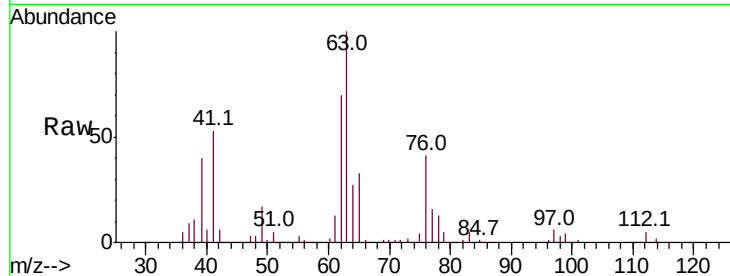
#45
 1,2-Dichloropropane
 Concen: 54.312 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 137790
 Ion Ratio Lower Upper
 63 100
 65 32.7 23.2 34.8

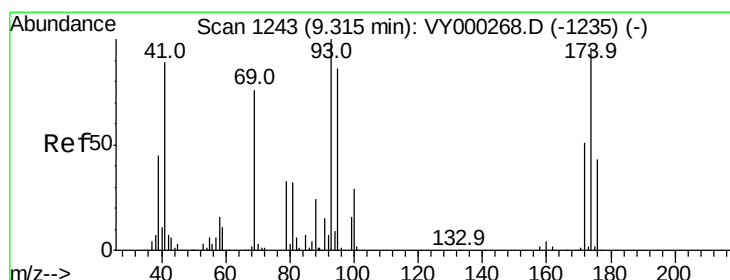
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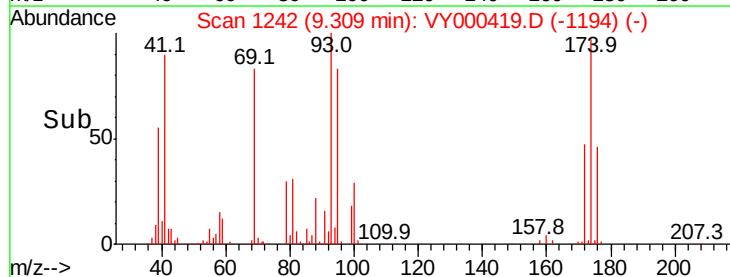
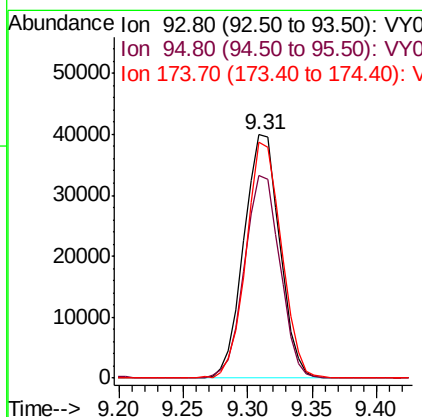
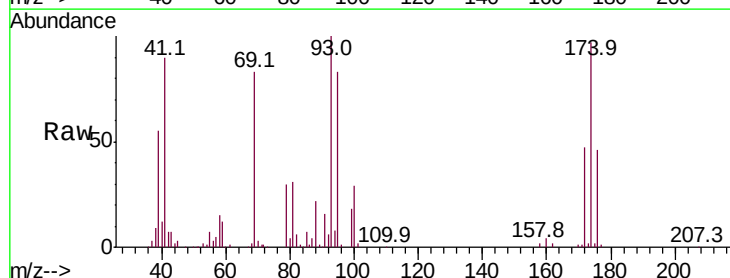
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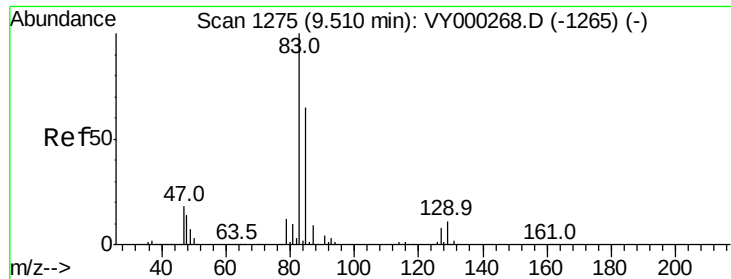
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#46
 Dibromomethane
 Concen: 54.052 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Tgt Ion: 93 Resp: 76657
 Ion Ratio Lower Upper
 93 100
 95 82.5 68.2 102.2
 174 95.1 79.8 119.6





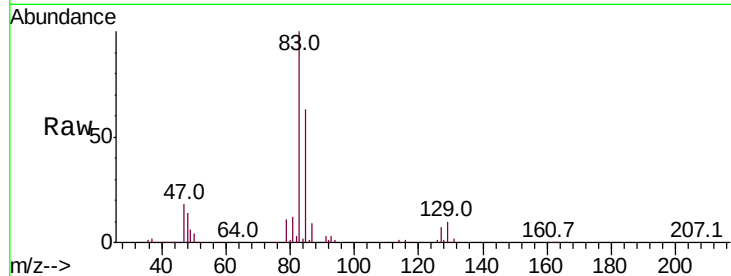
#47
Bromodichloromethane
Concen: 54.688 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

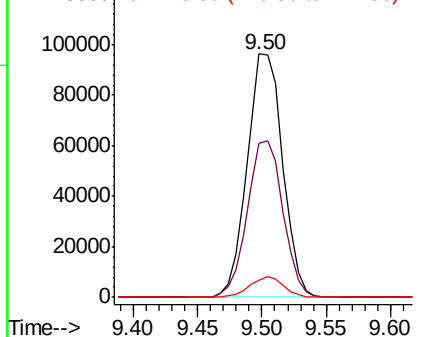
Tot Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.2
127	7.1	6.3	9.5

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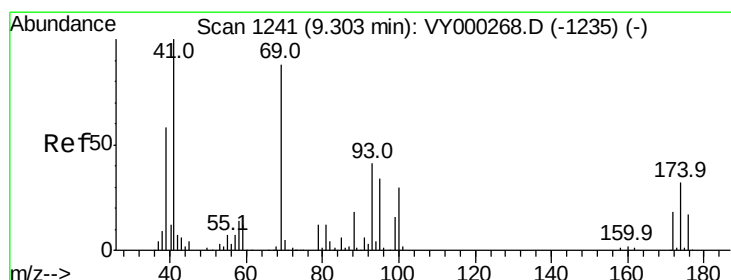
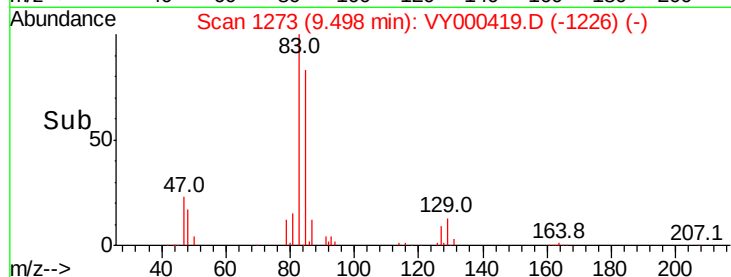


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



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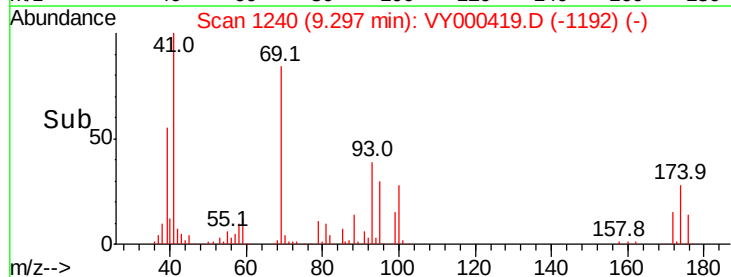
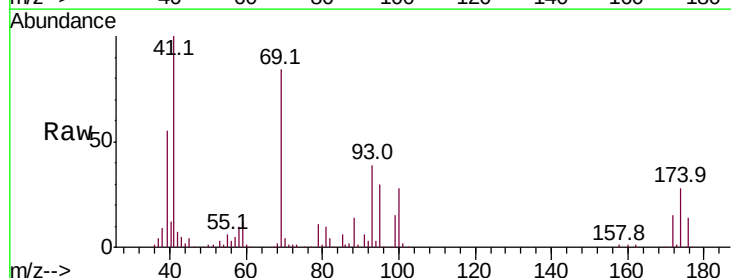
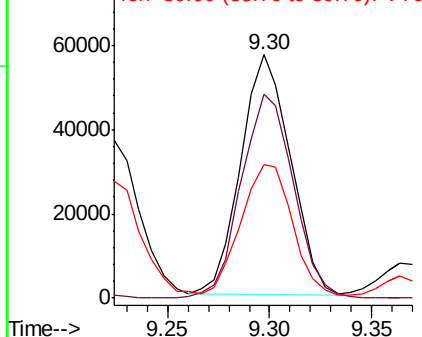
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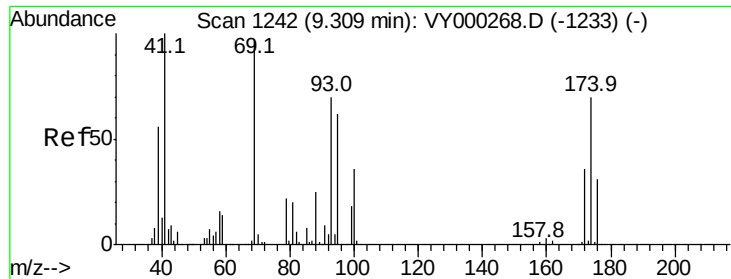


#48
Methyl methacrylate
Concen: 54.765 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.3	70.0	105.0
39	56.2	47.7	71.5

Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





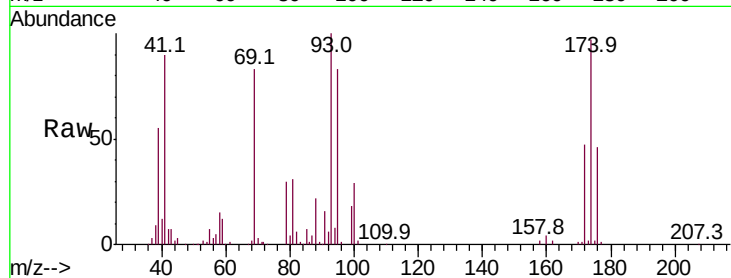
#49
1,4-Dioxane
Concen: 1018.879 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.6	38.4
58	66.3	54.6	81.8

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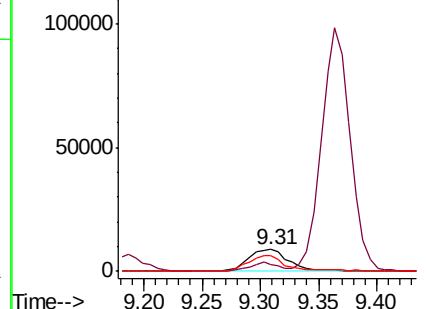


Abundance

Ion 88.00 (87.70 to 88.70): VY0

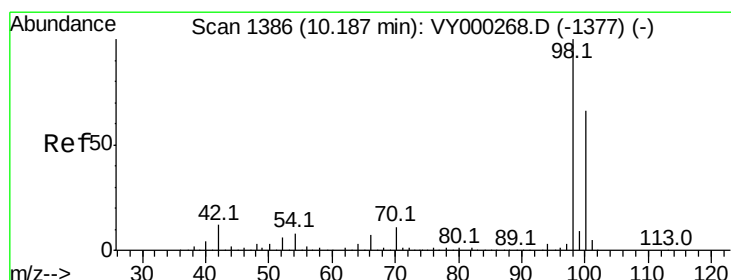
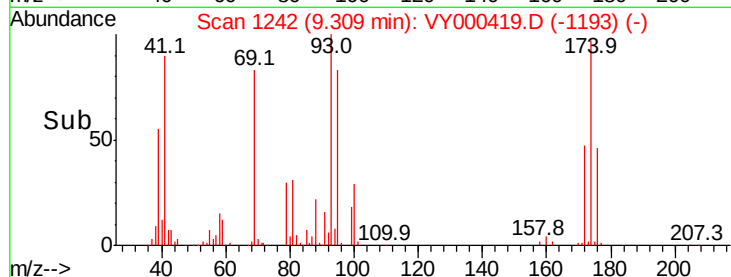
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



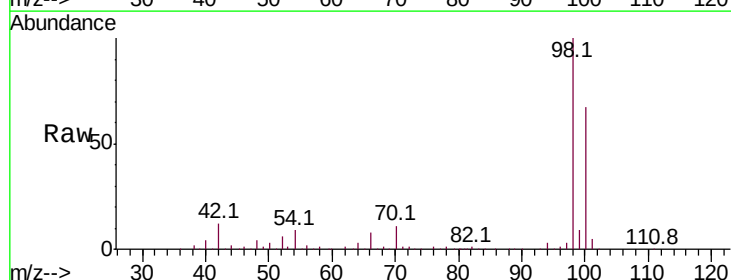
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#50
Toluene-d8
Concen: 49.174 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

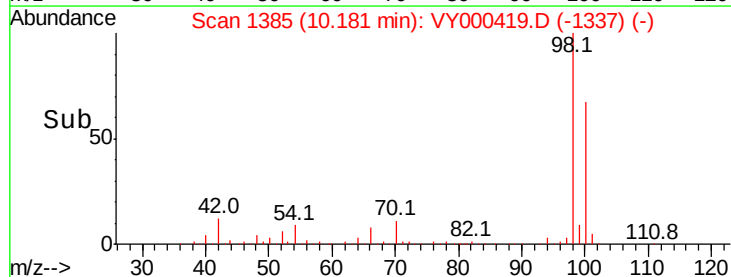
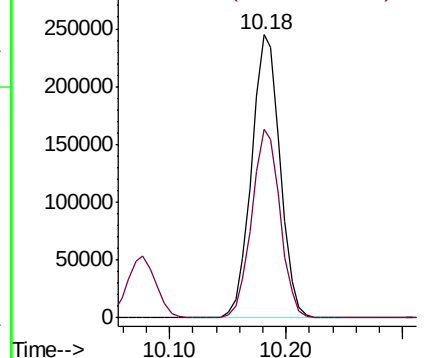
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.8	79.2

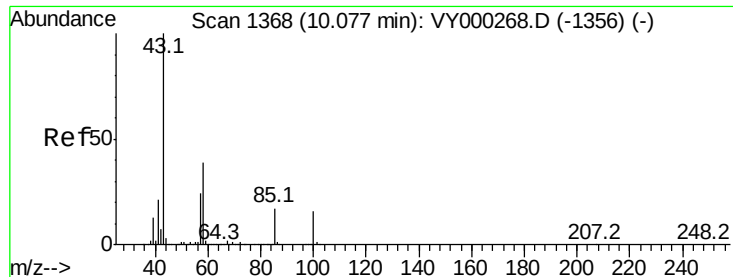


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





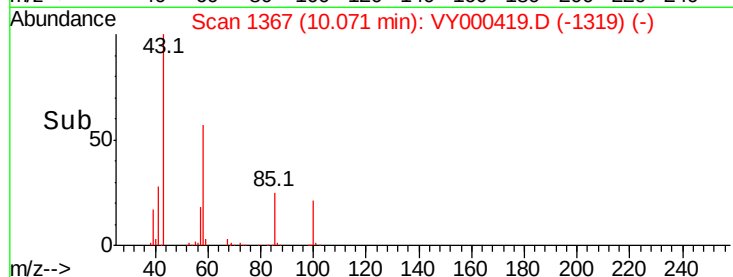
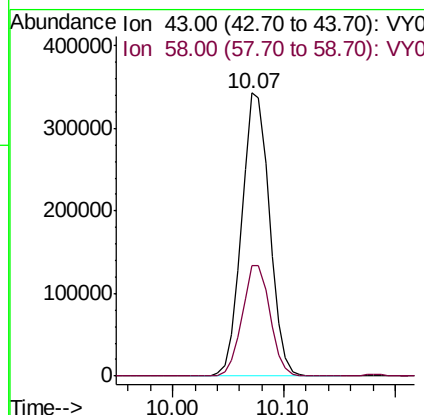
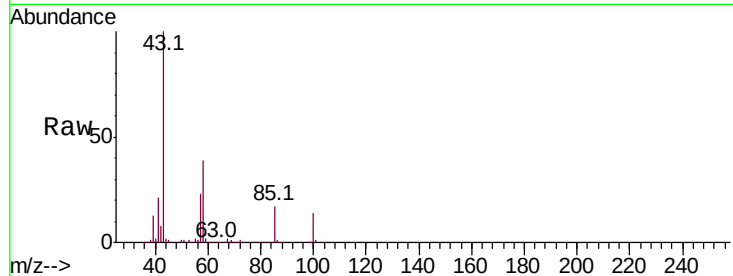
#51
4-Methyl-2-Pentanone
Concen: 285.603 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.0	46.6

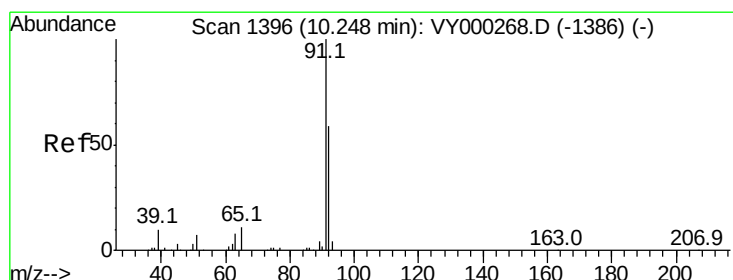
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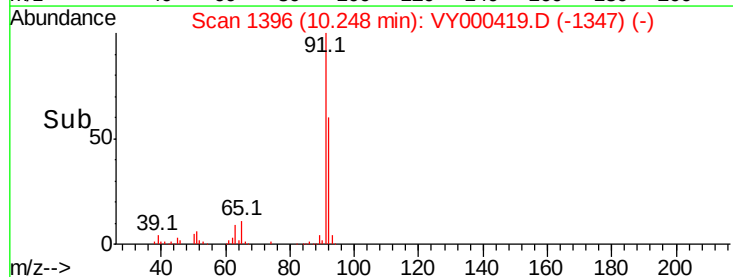
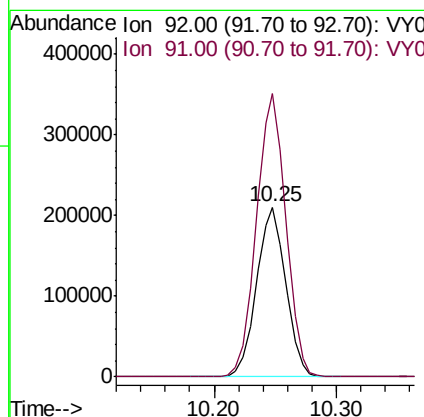
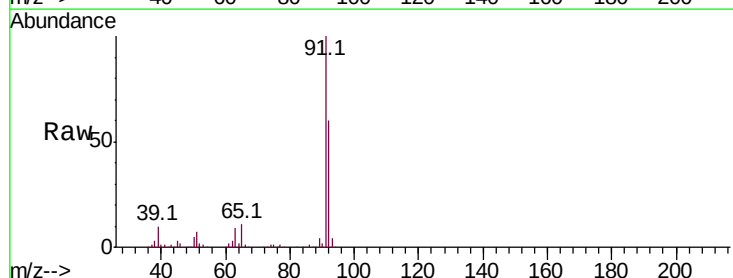
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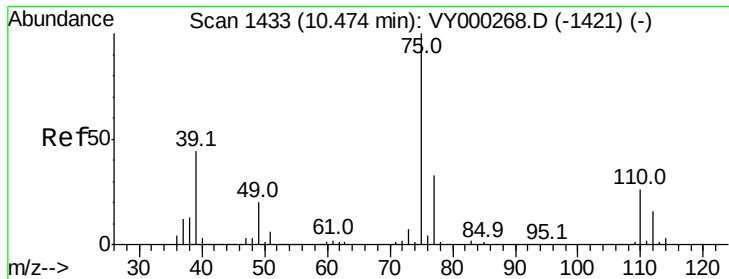
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#52
Toluene
Concen: 53.261 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.5	136.6	205.0





#53

t-1,3-Dichloropropene

Concen: 54.869 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 196541

Ion Ratio Lower Upper

75 100

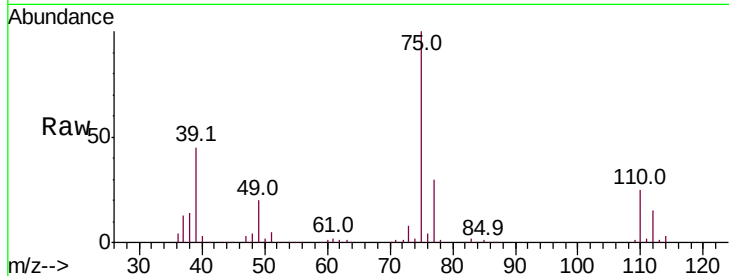
77 30.1 26.0 39.0

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

150000

100000

50000

0

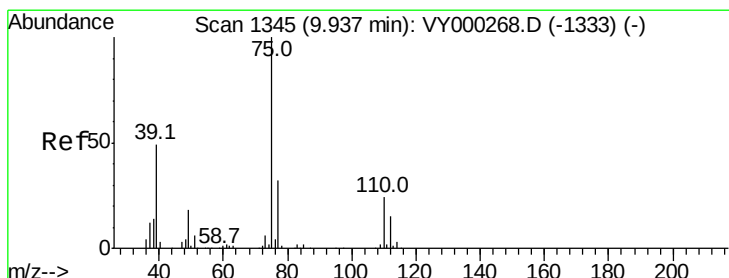
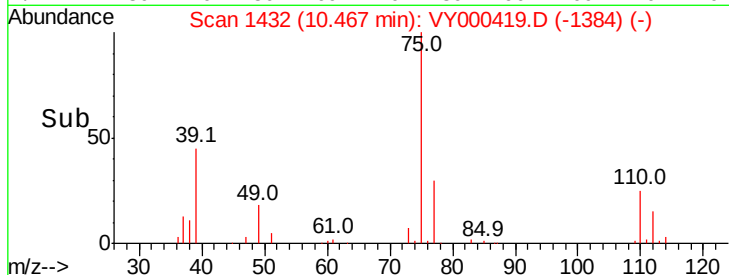
10.47

10.40 10.45 10.50 10.55

Time-->

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#54

cis-1,3-Dichloropropene

Concen: 55.608 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

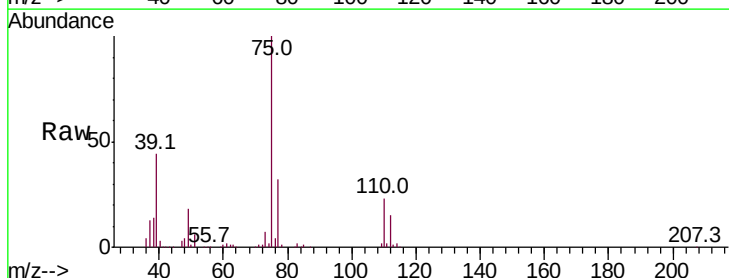
Tgt Ion: 75 Resp: 226206

Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0

39 44.3 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

150000

100000

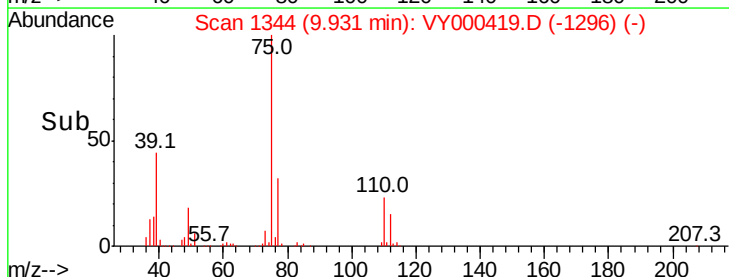
50000

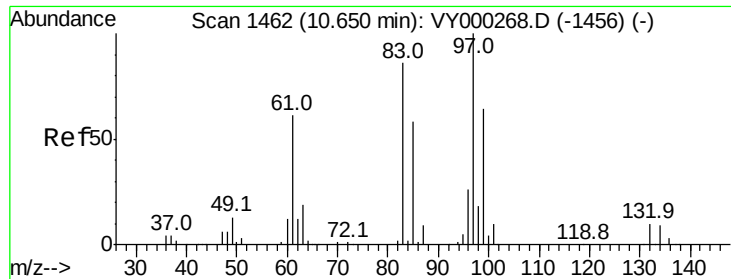
0

9.93

9.90 10.00

Time-->





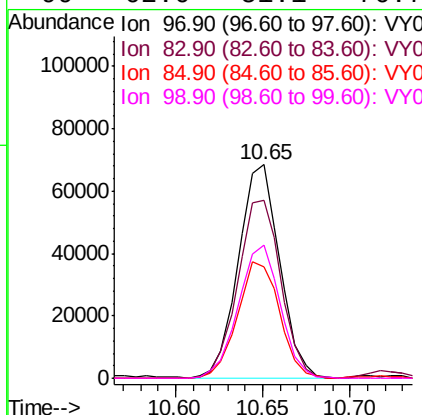
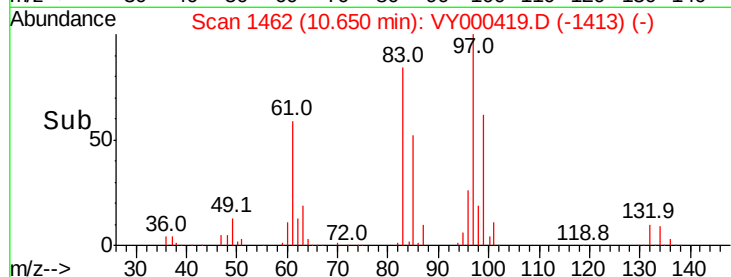
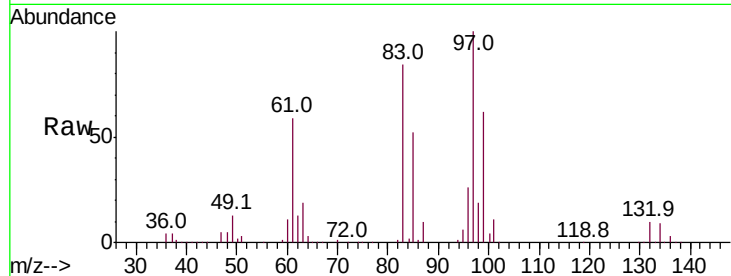
#55
 1,1,2-Trichloroethane
 Concen: 54.937 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.0	103.6
85	52.1	46.2	69.4
99	62.0	51.1	76.7

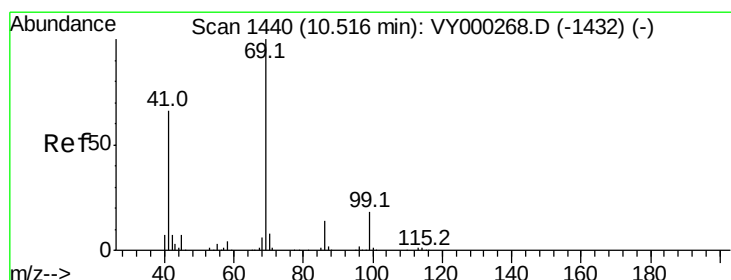
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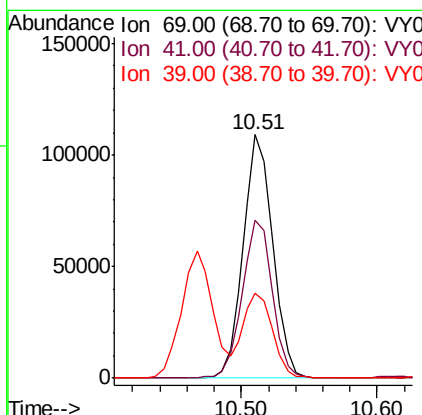
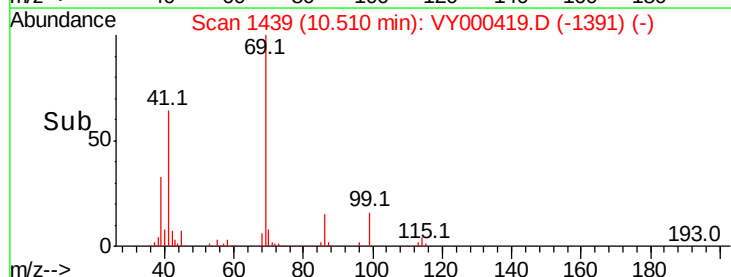
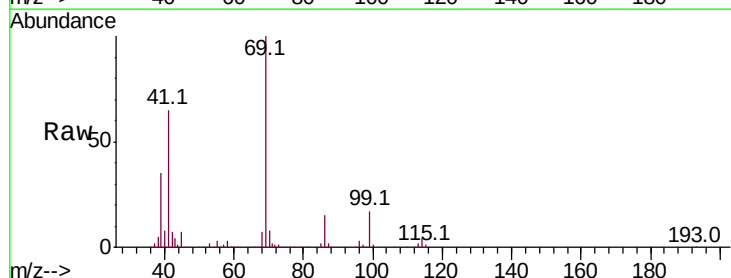
MMDadoda

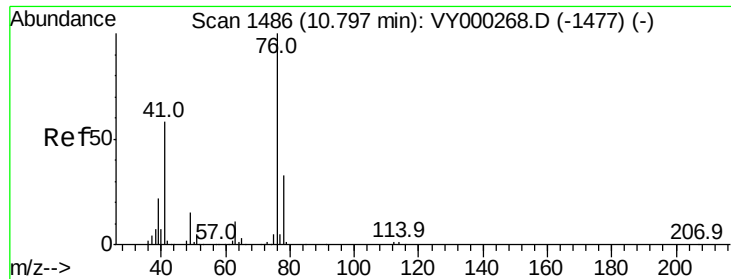
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#56
 Ethyl methacrylate
 Concen: 56.586 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.5	78.7
39	34.7	26.7	40.1





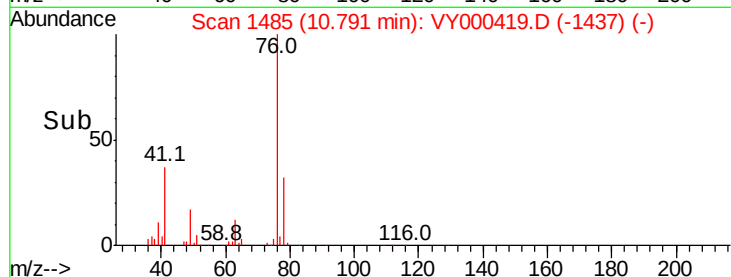
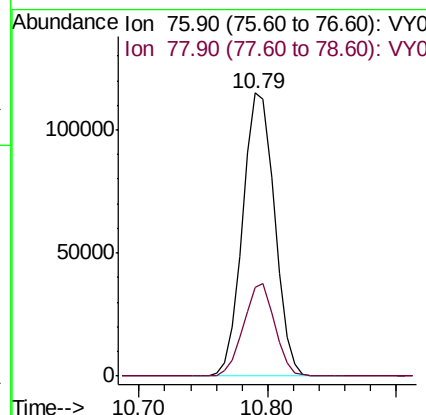
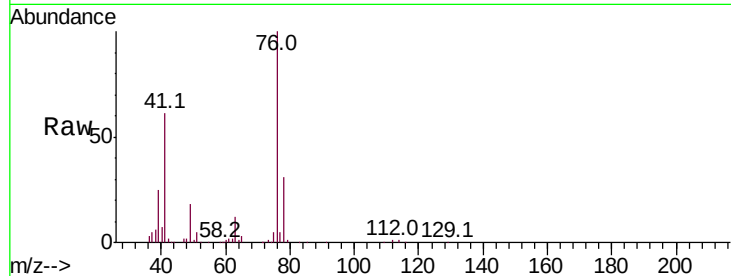
#57
 1,3-Dichloropropane
 Concen: 55.527 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.2

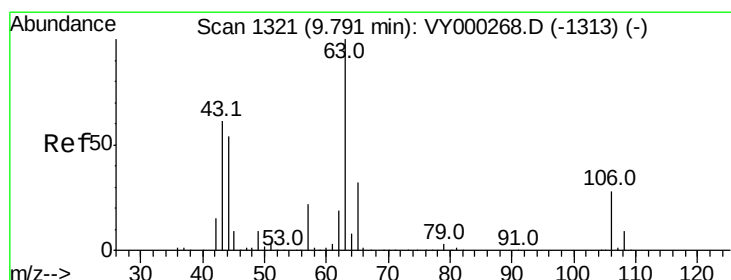
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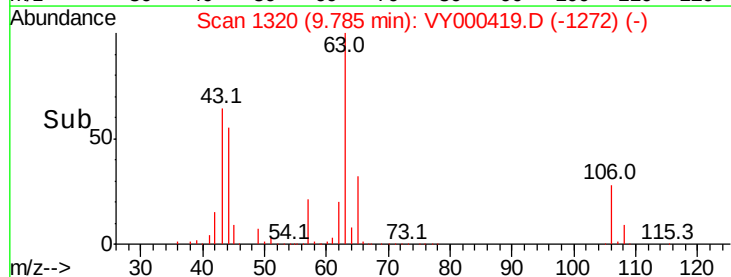
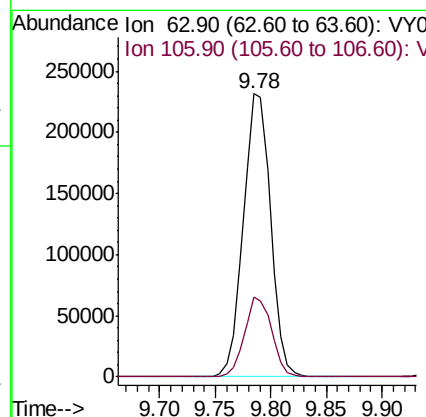
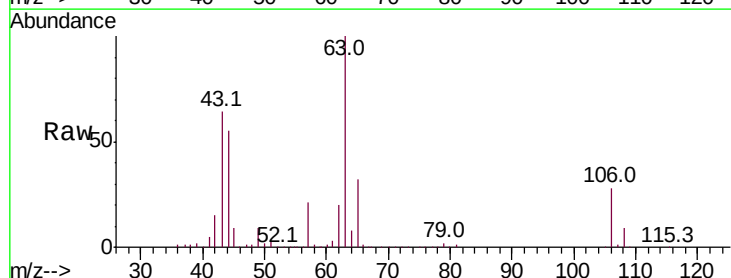
MMDadoda

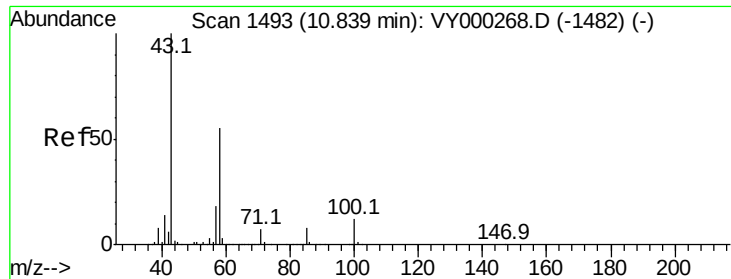
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#58
 2-Chloroethyl Vinyl ether
 Concen: 334.343 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	23.0	34.4





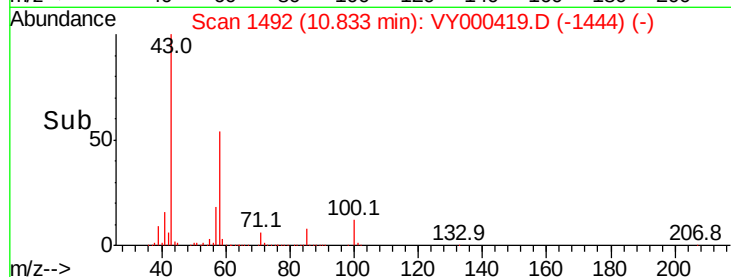
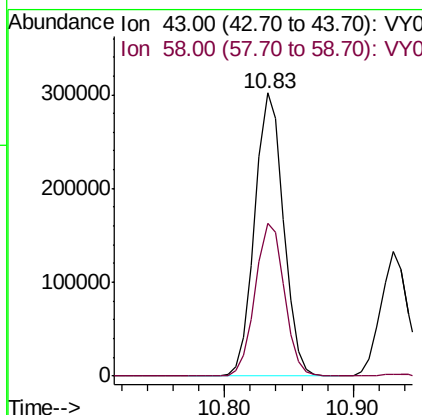
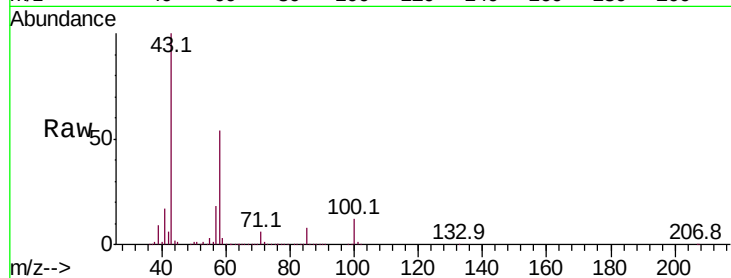
#59
2-Hexanone
Concen: 318.243 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 464031
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1

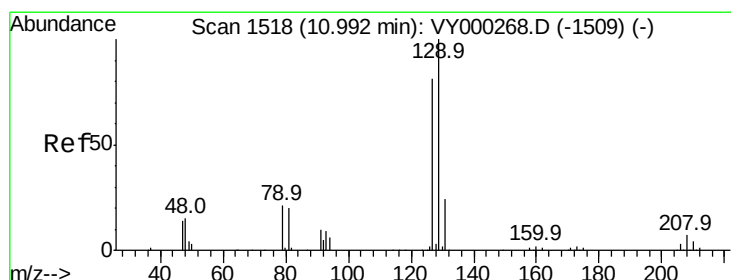
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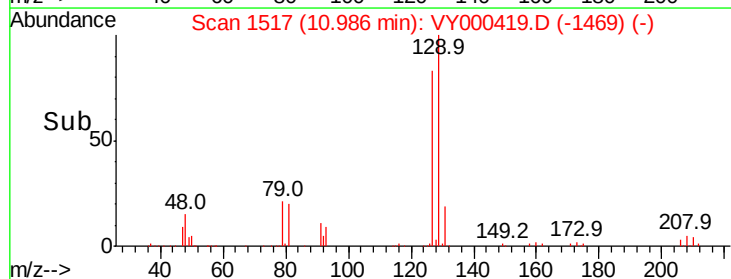
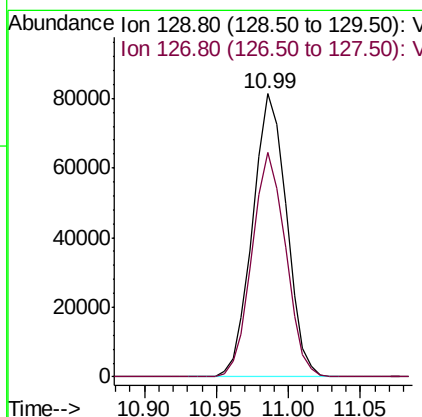
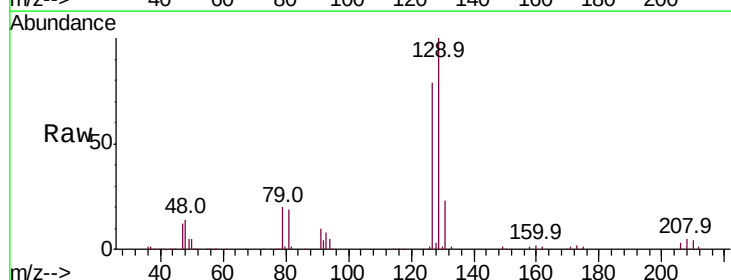
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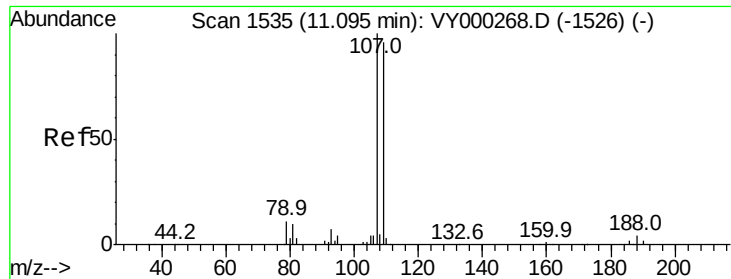
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#60
Dibromochloromethane
Concen: 58.014 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion: 129 Resp: 132593
Ion Ratio Lower Upper
129 100
127 78.4 39.9 119.7





#61

1,2-Dibromoethane

Concen: 54.468 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 107843

Ion Ratio Lower Upper

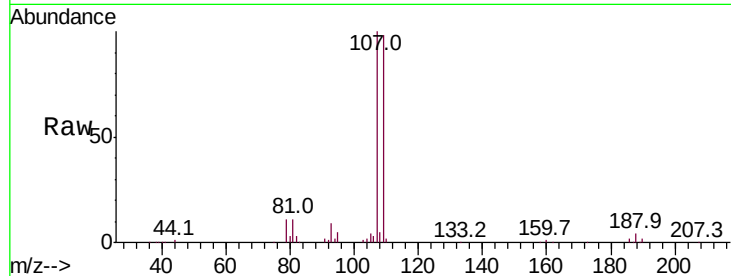
107 100

109 94.0 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

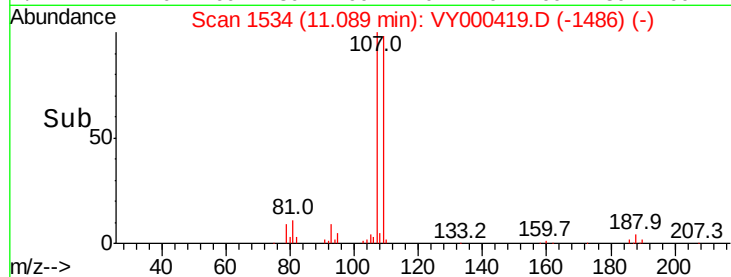
60000

40000

20000

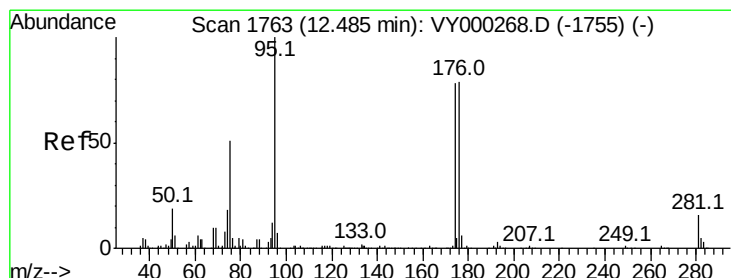
0

Time--> 11.00 11.10



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#62

4-Bromofluorobenzene

Concen: 47.266 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

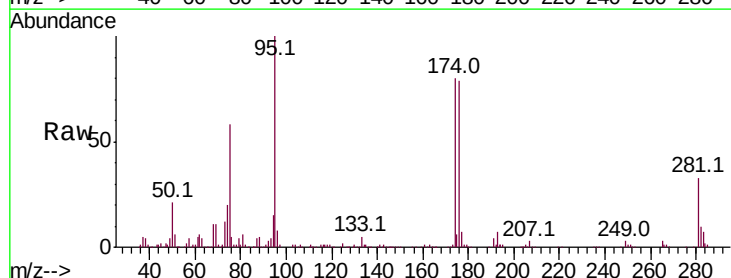
Tgt Ion: 95 Resp: 152244

Ion Ratio Lower Upper

95 100

174 81.5 0.0 159.6

176 78.0 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

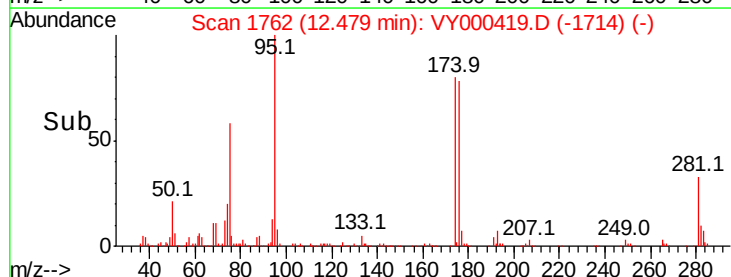
12.48

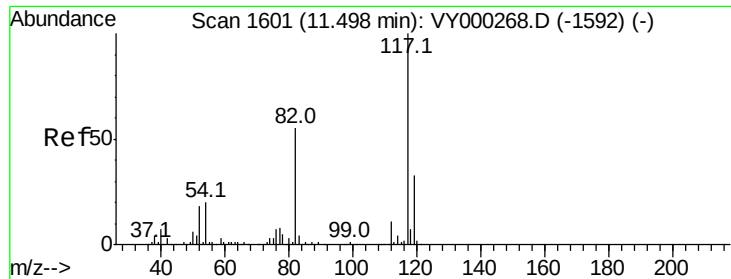
100000

50000

0

Time--> 12.40 12.45 12.50 12.55





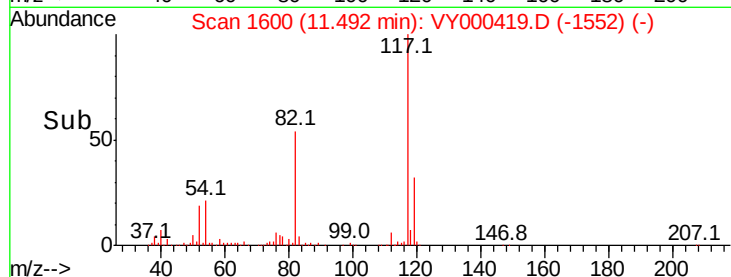
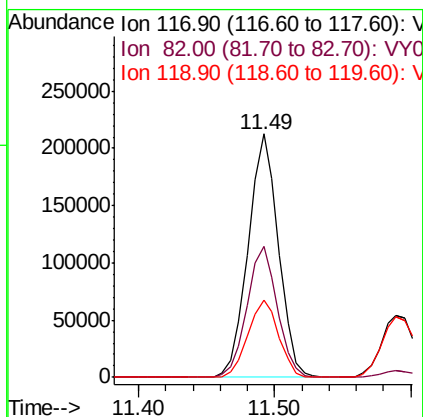
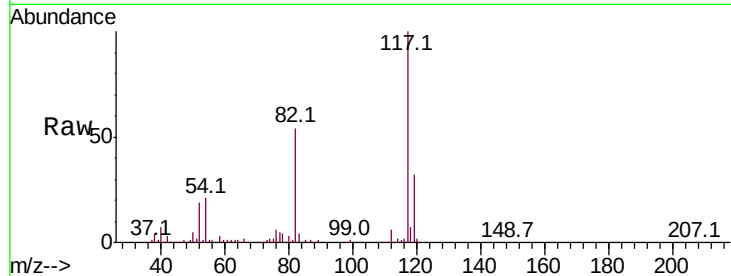
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	53.7	43.7	65.5	
119	31.7	26.6	39.8	

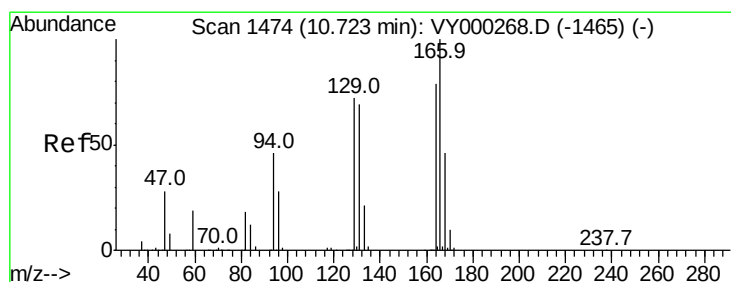
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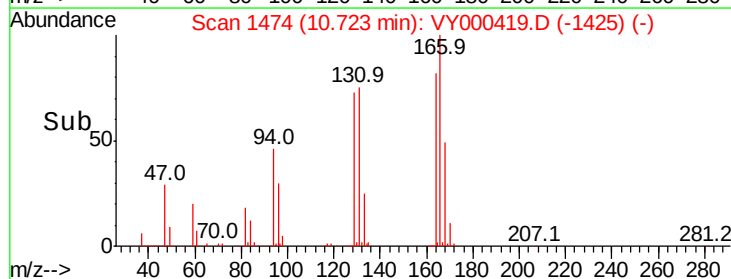
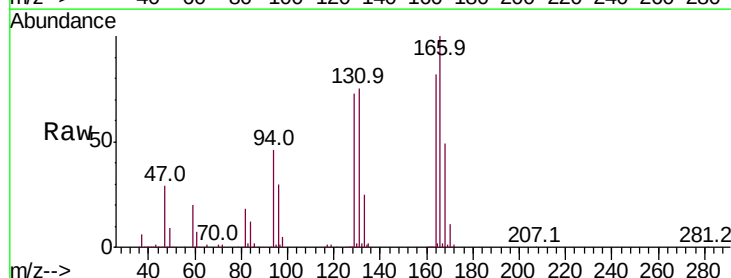
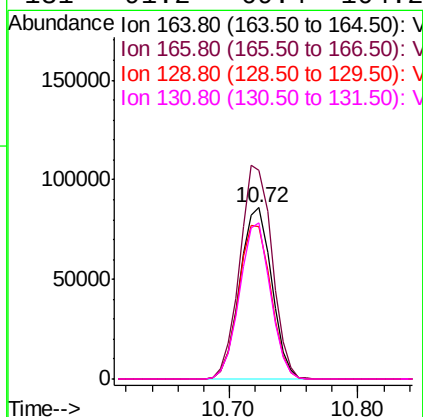
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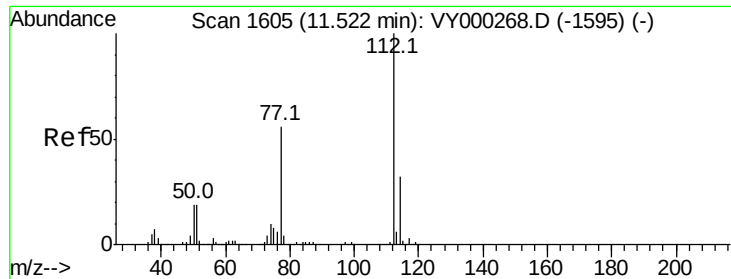
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#64
Tetrachloroethene
Concen: 46.605 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	122.0	100.6	151.0	
129	89.2	72.8	109.2	
131	91.2	69.4	104.2	





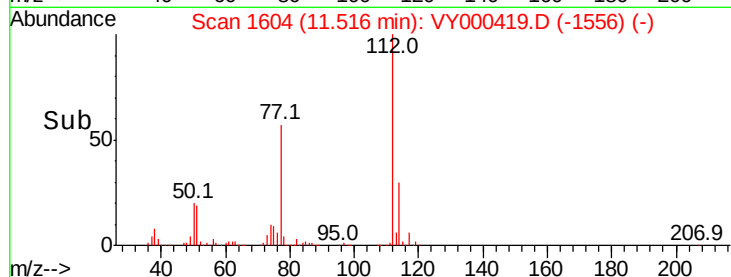
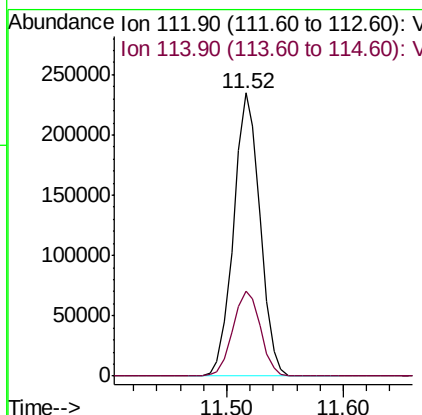
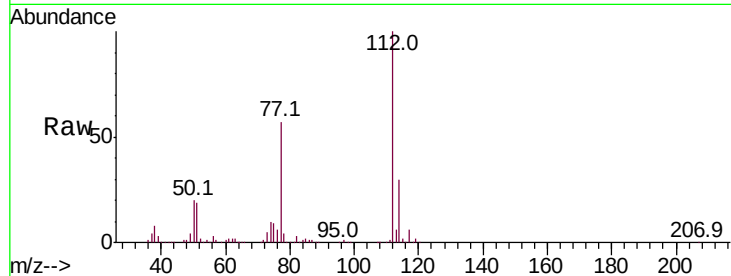
#65
Chlorobenzene
Concen: 53.103 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.1	25.7	38.5

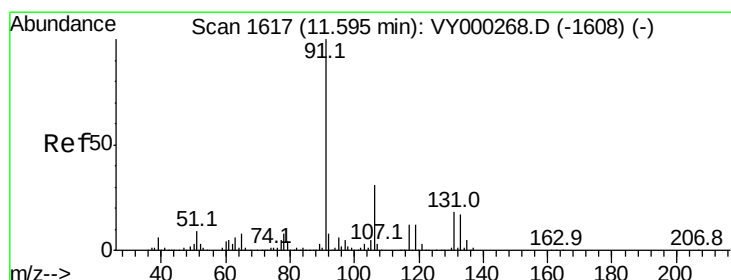
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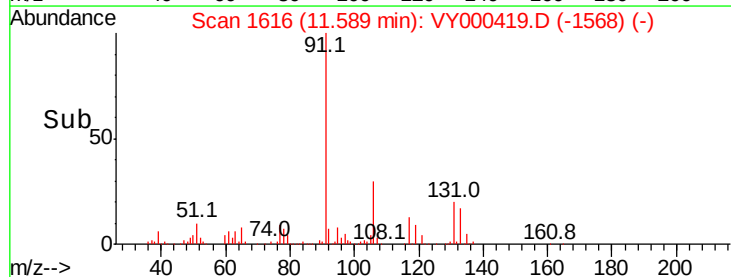
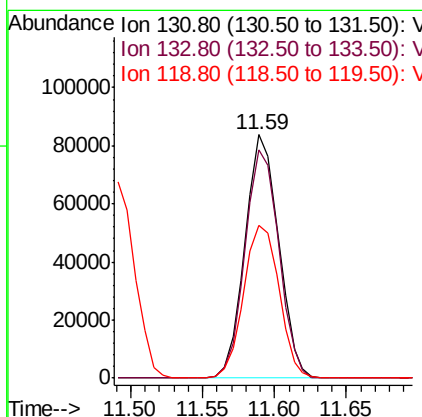
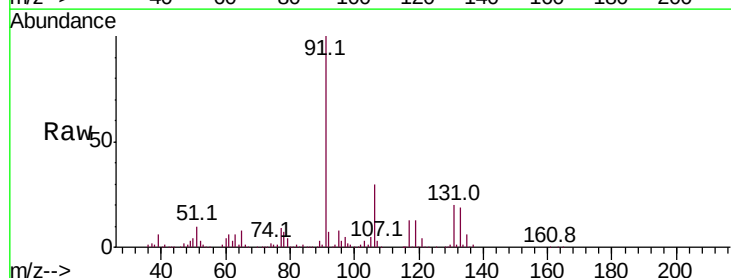
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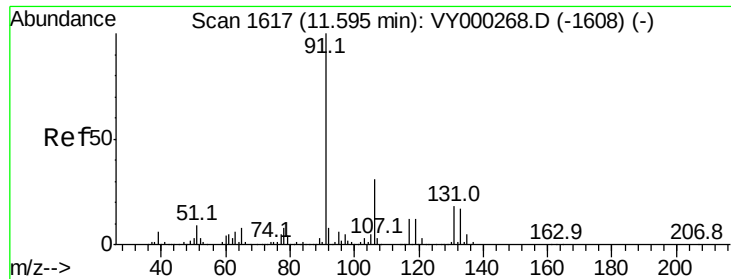
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.338 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.2	141.6
119	65.9	32.6	98.0





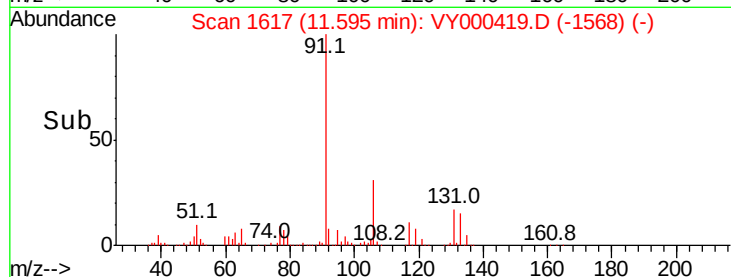
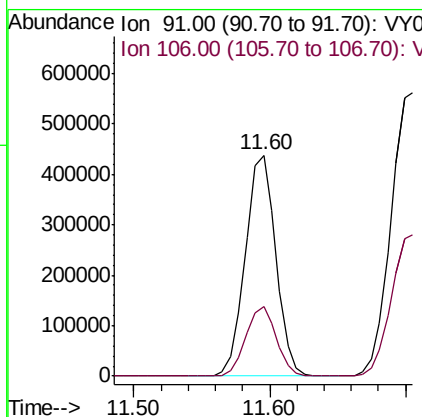
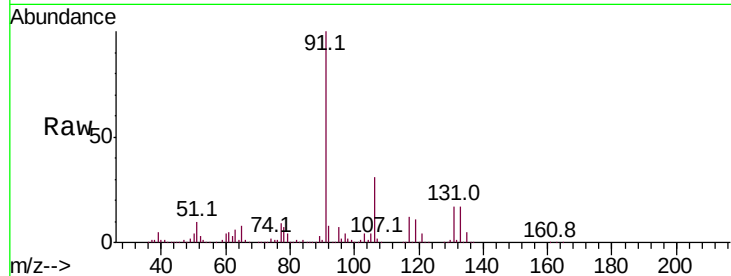
#67
Ethyl Benzene
Concen: 53.105 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 687530
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

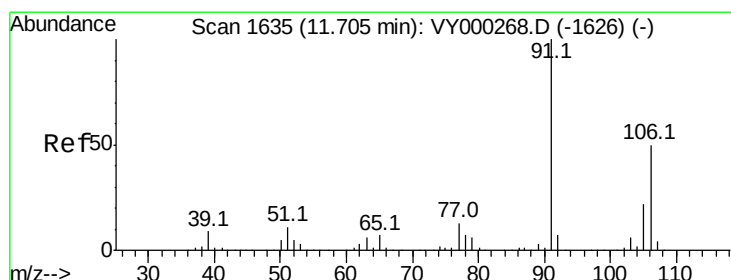
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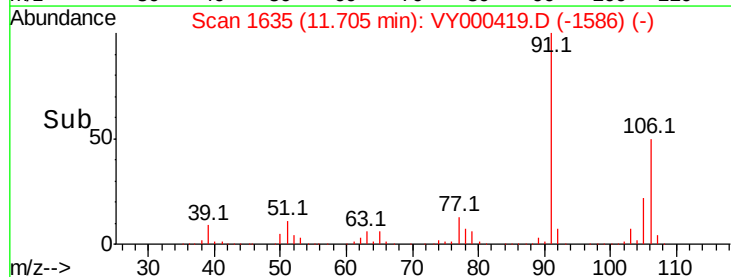
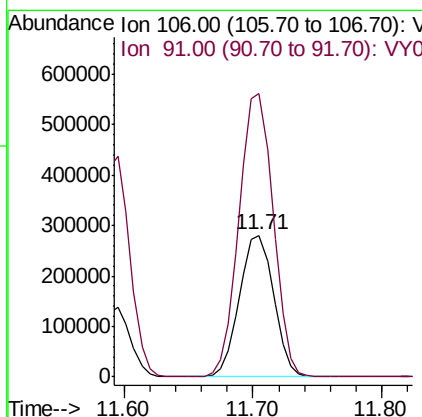
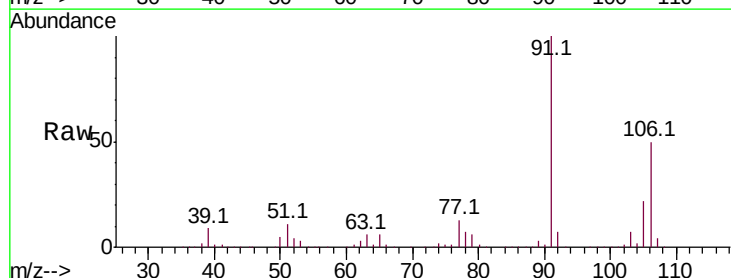
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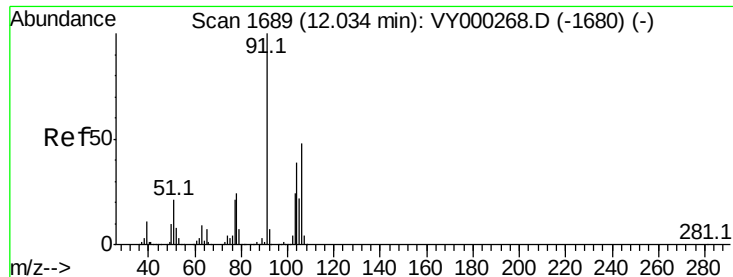
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#68
m/p-Xylenes
Concen: 104.905 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion: 106 Resp: 519206
Ion Ratio Lower Upper
106 100
91 199.2 157.5 236.3





#69

o-Xylene

Concen: 53.340 ug/l

RT: 12.03 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:106 Resp: 251843

Ion Ratio Lower Upper

106 100

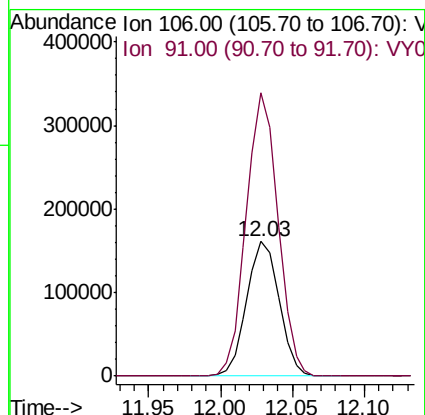
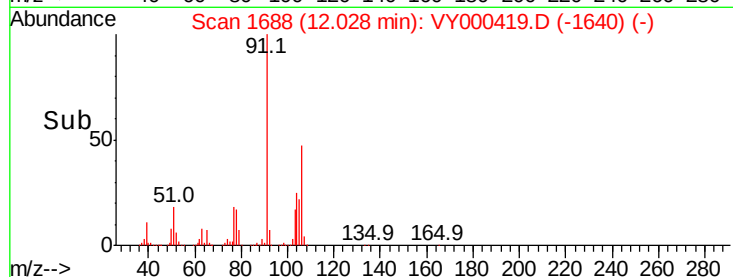
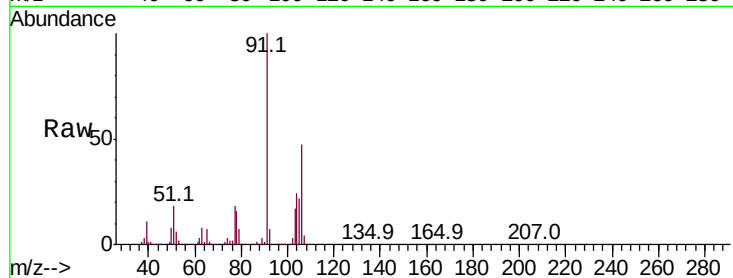
91 206.1 104.7 313.9

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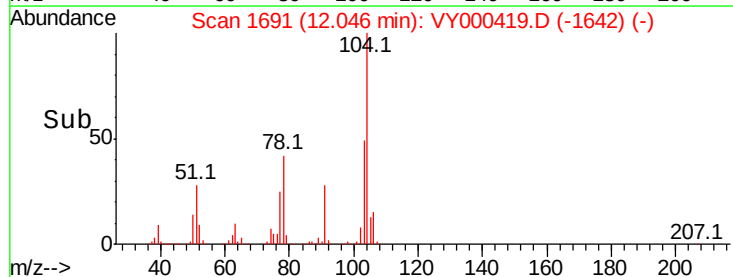
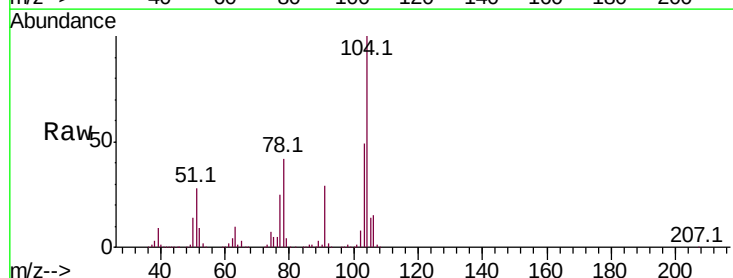
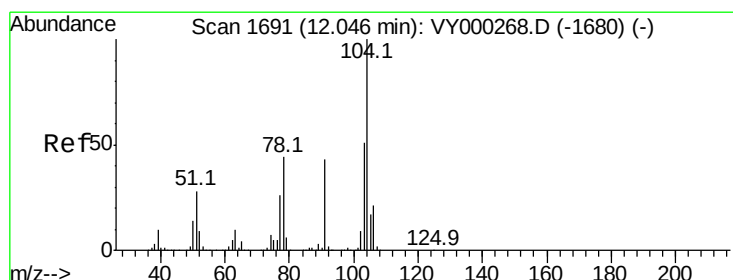
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#70

Styrene

Concen: 54.585 ug/l

RT: 12.05 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

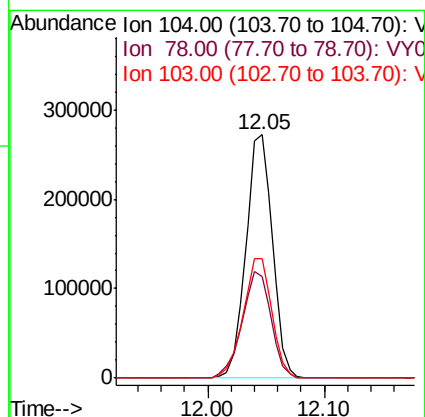
Tgt Ion:104 Resp: 434650

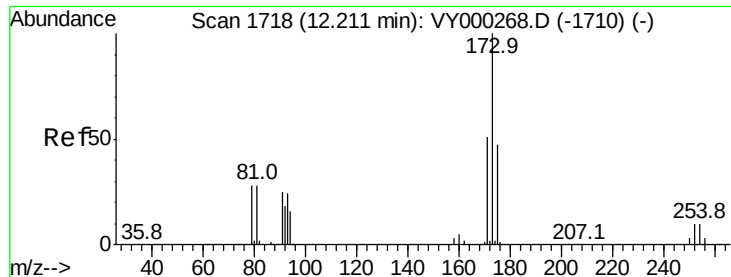
Ion Ratio Lower Upper

104 100

78 47.6 39.0 58.6

103 53.3 43.1 64.7





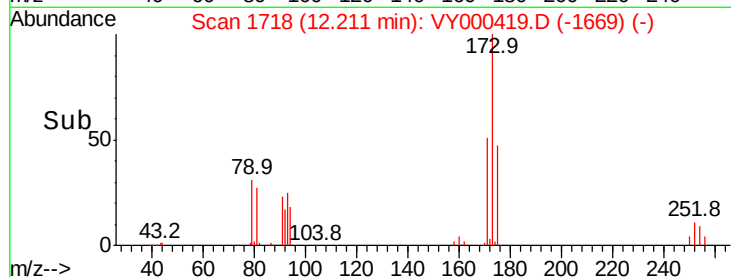
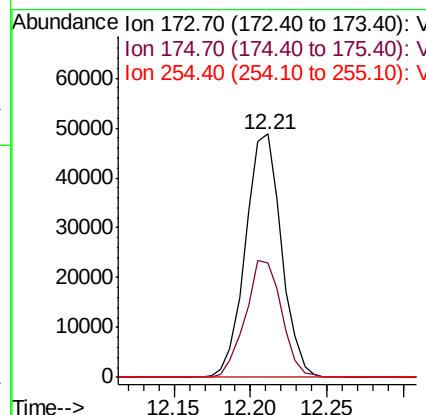
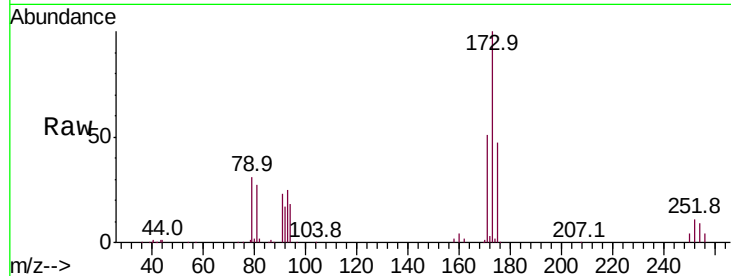
#71
Bromoform
Concen: 56.404 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.6
254	0.0	0.1	0.1#

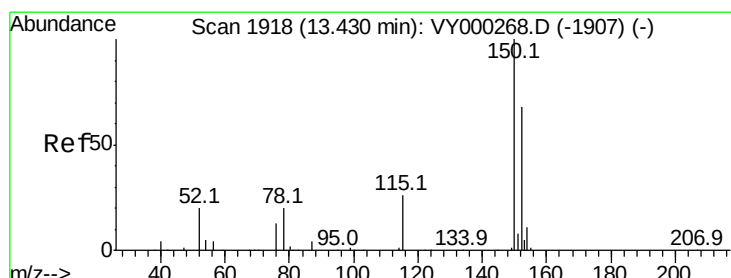
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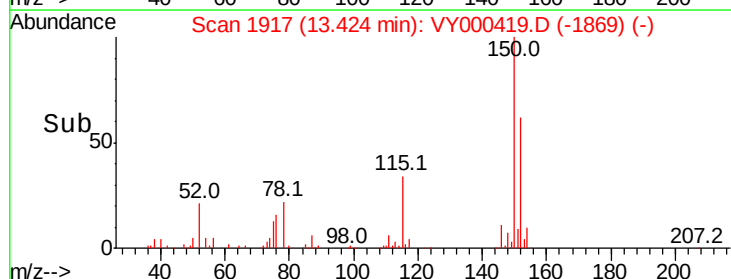
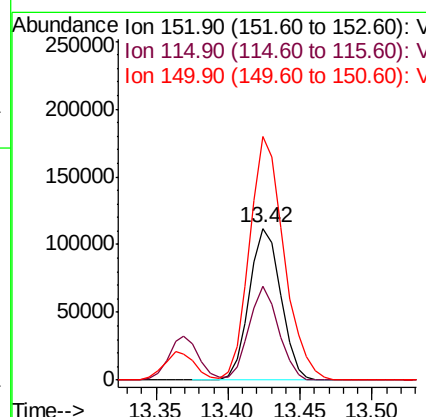
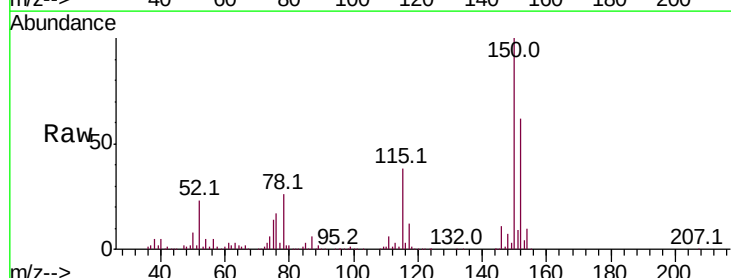
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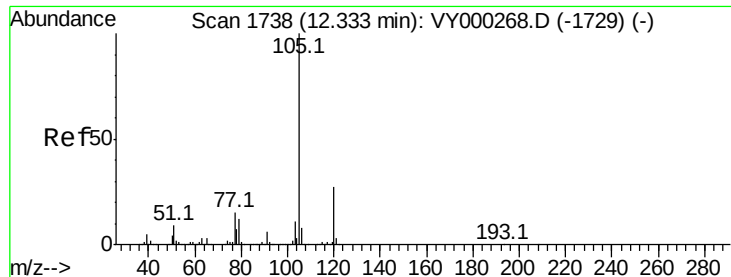
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	88.0
150	175.1	0.0	348.4





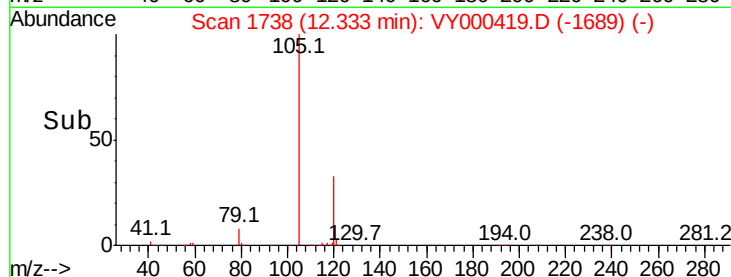
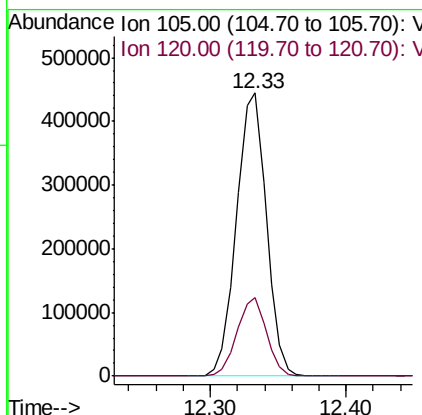
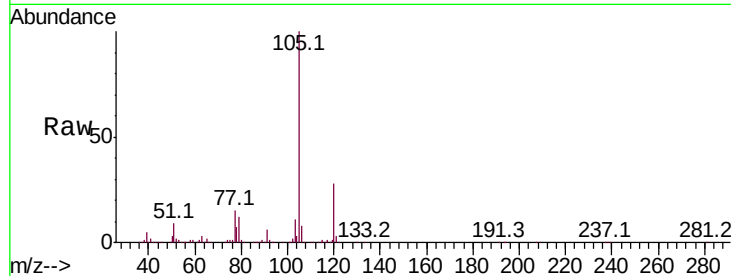
#73
Isopropylbenzene
Concen: 51.643 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.4	40.2

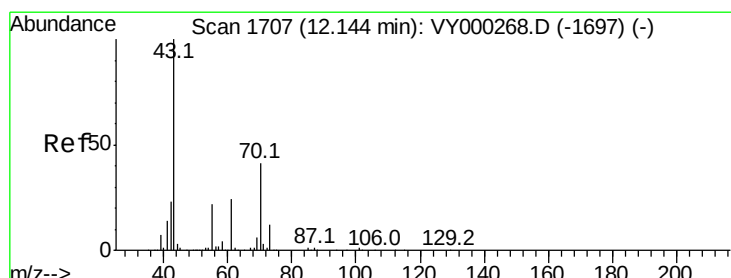
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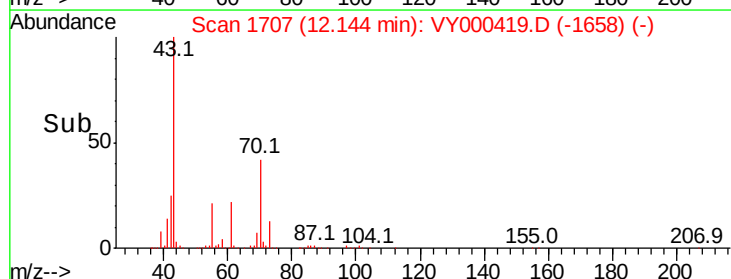
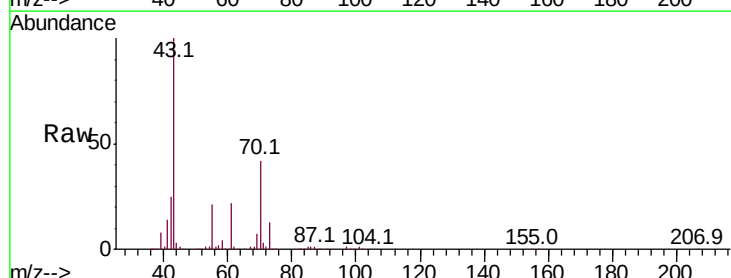
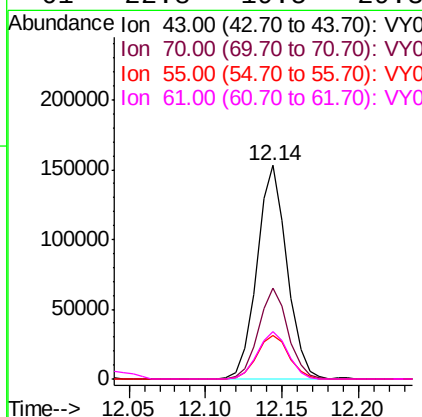
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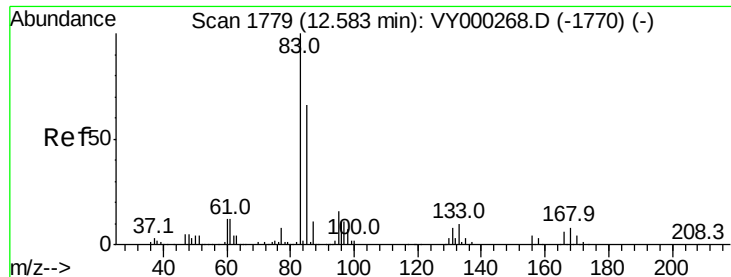
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#74
N-ethyl acetate
Concen: 64.342 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.3	32.9	49.3
55	22.1	17.8	26.6
61	22.8	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.139 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

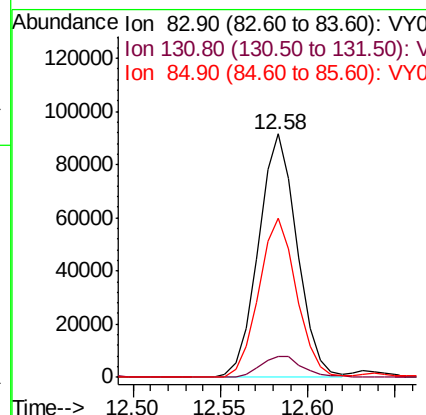
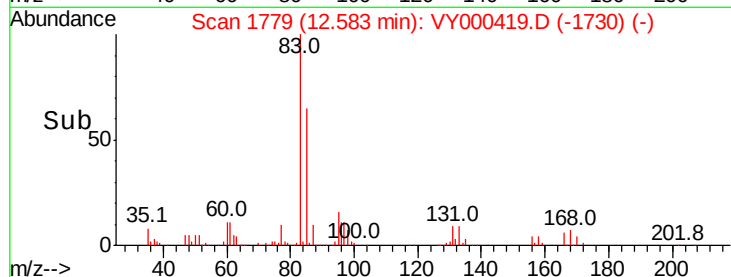
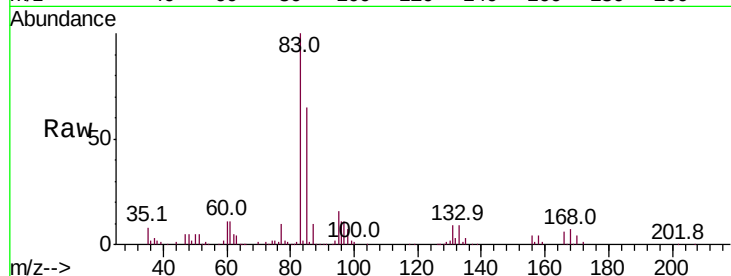
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	141577
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.3	16.1
85	64.1	32.9	98.7

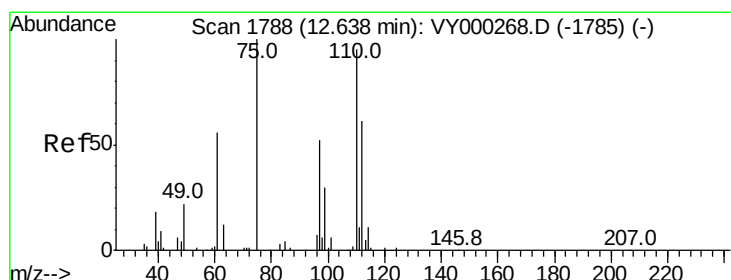
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#76

1,2,3-Trichloropropane

Concen: 51.719 ug/l m

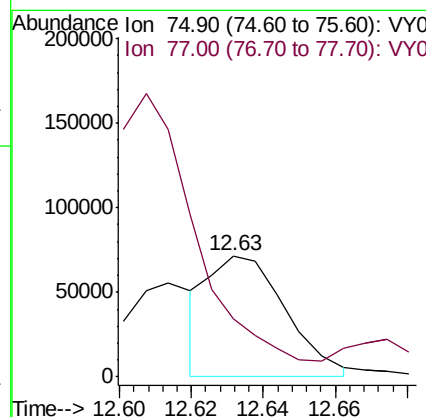
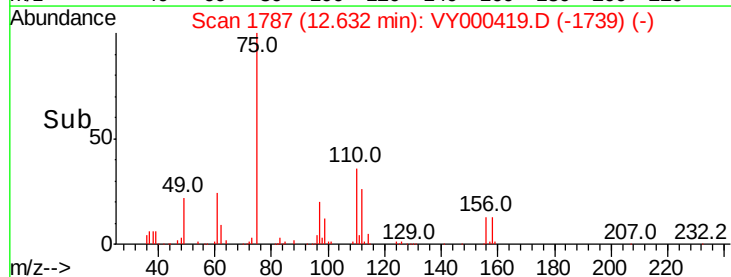
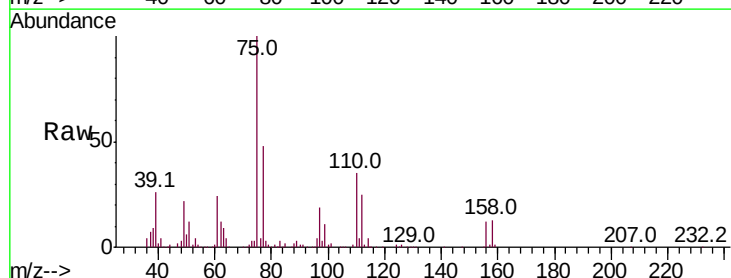
RT: 12.63 min Scan# 1787

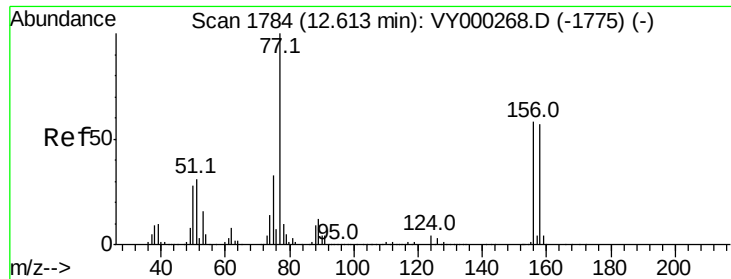
Delta R.T. -0.01 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Tgt Ion:	75	Resp:	107634
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





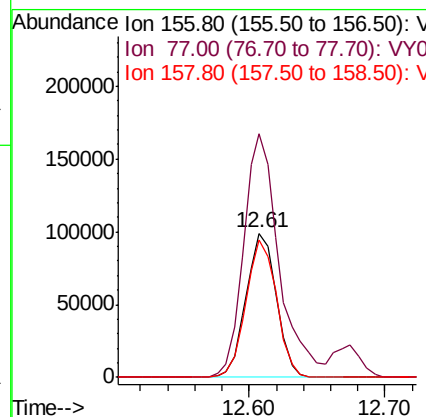
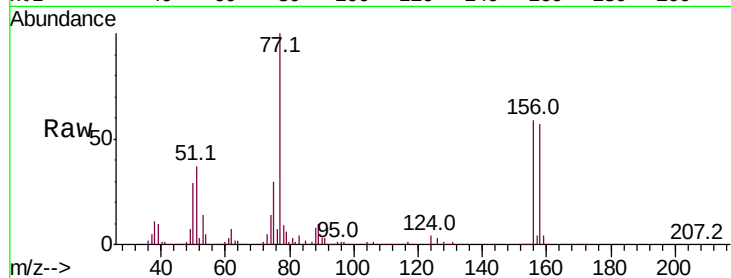
#77
Bromobenzene
Concen: 52.776 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.7	101.0	302.9
158	96.2	49.7	149.1

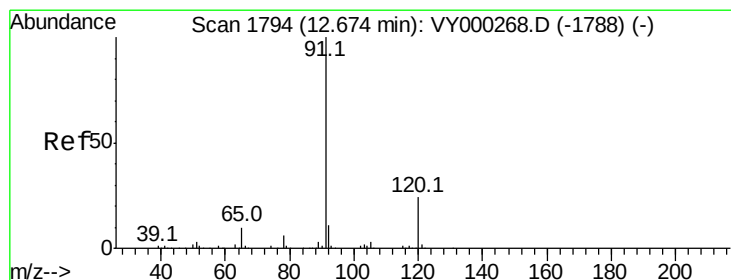
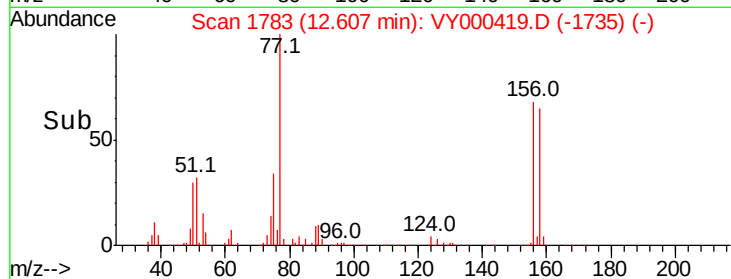
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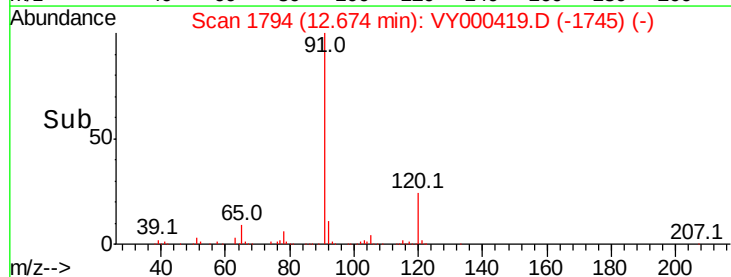
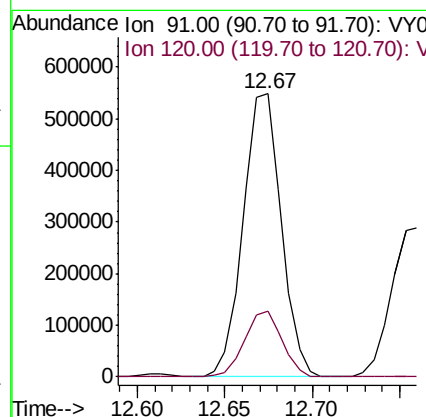
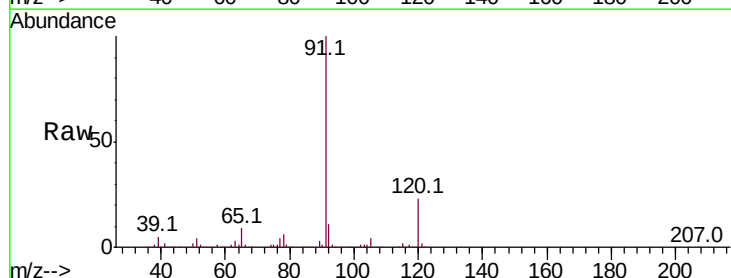
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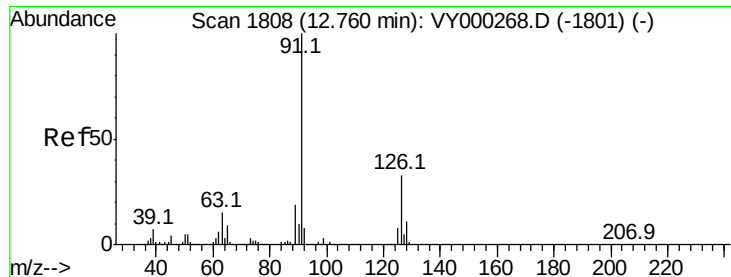
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#78
n-propylbenzene
Concen: 52.302 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.5





#79

2-Chlorotoluene

Concen: 52.347 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 458058

Ion Ratio Lower Upper

91 100

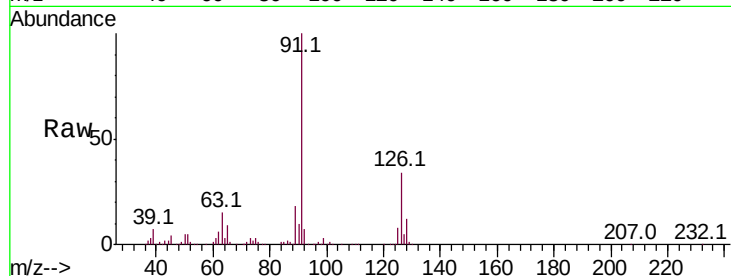
126 34.0 17.1 51.3

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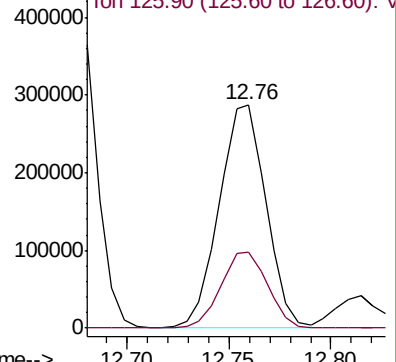
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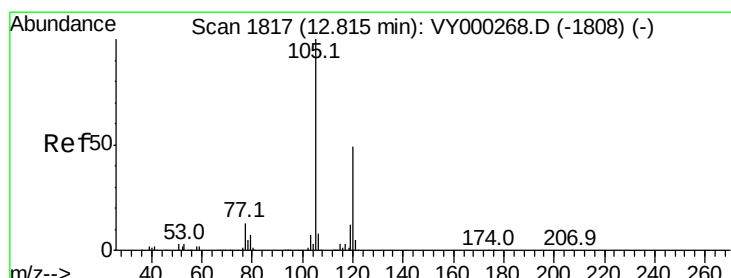
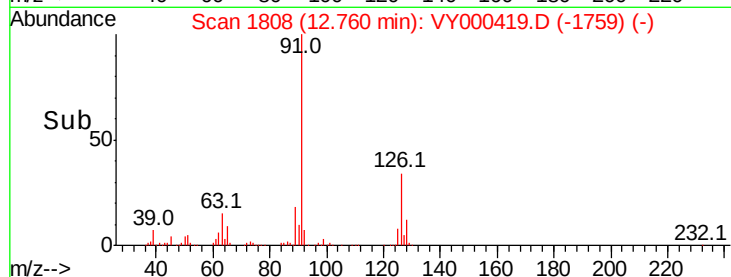


Abundance Ion 91.00 (90.70 to 91.70): VY000419.D (-1759) (-)



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#80

1,3,5-Trimethylbenzene

Concen: 51.800 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000419.D

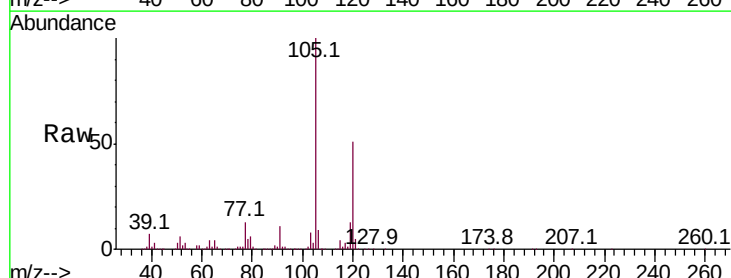
Acq: 25 Oct 2019 10:57

Tgt Ion: 105 Resp: 573212

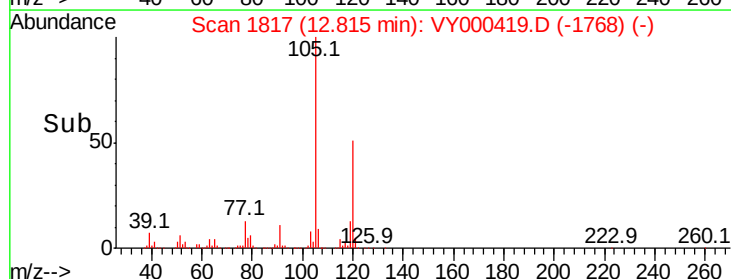
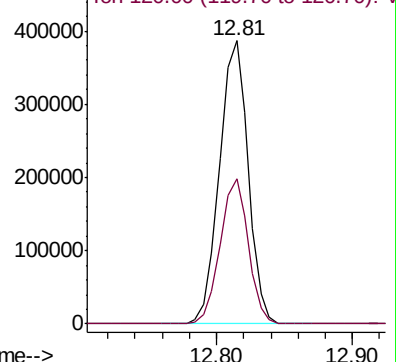
Ion Ratio Lower Upper

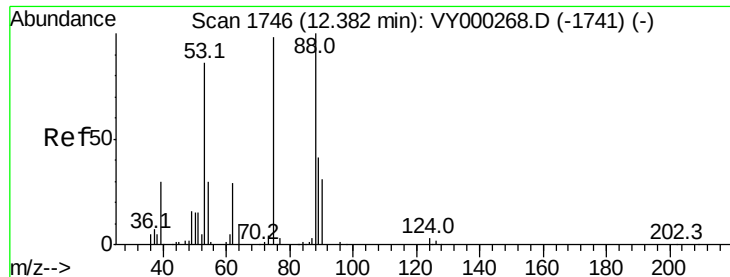
105 100

120 50.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000419.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.405 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 50798

Ion Ratio Lower Upper

75 100

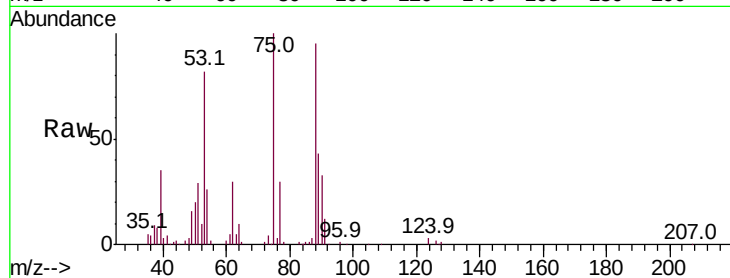
53 88.1 71.3 106.9

89 44.7 35.1 52.7

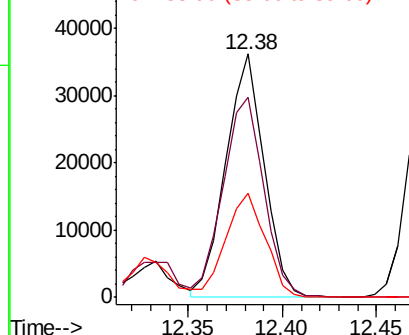
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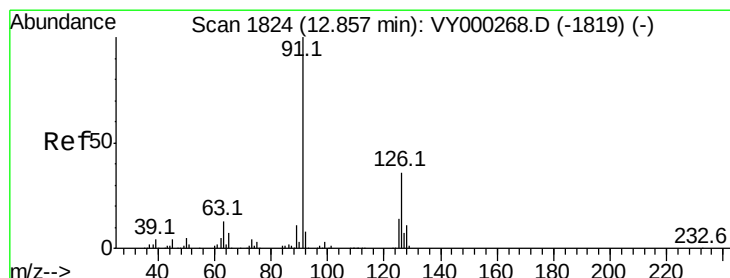
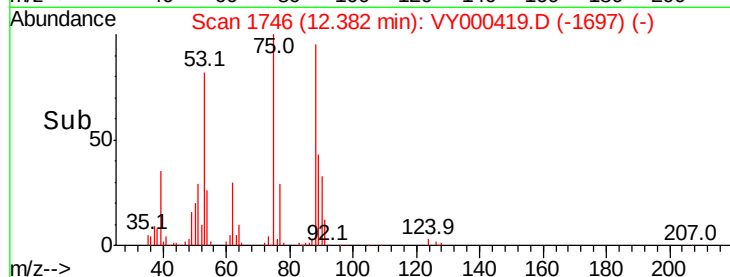


Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



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#82

4-Chlorotoluene

Concen: 51.869 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000419.D

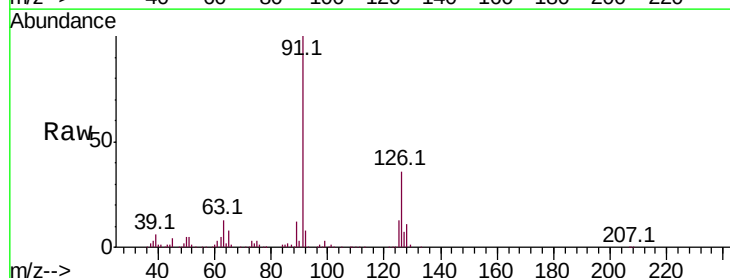
Acq: 25 Oct 2019 10:57

Tgt Ion: 91 Resp: 479771

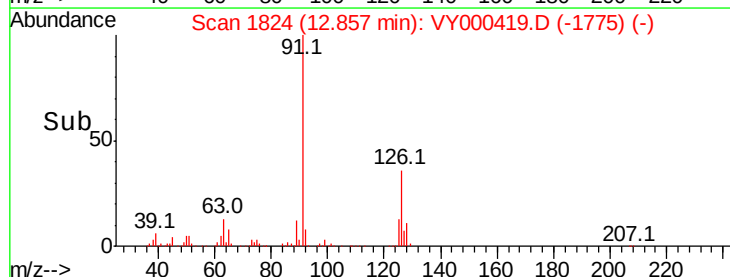
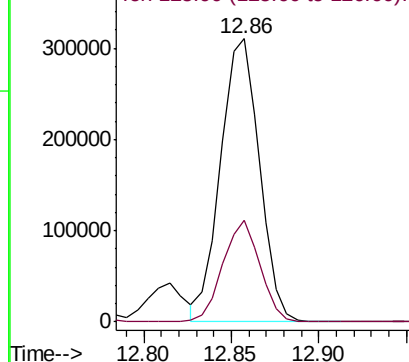
Ion Ratio Lower Upper

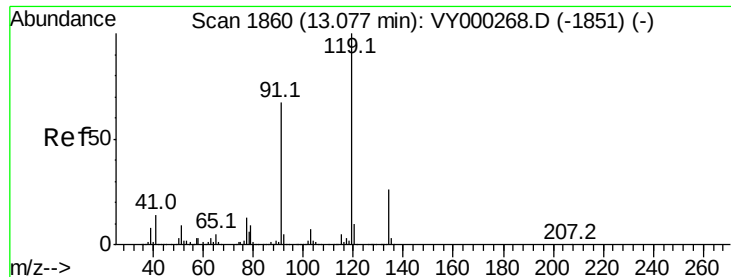
91 100

126 34.2 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





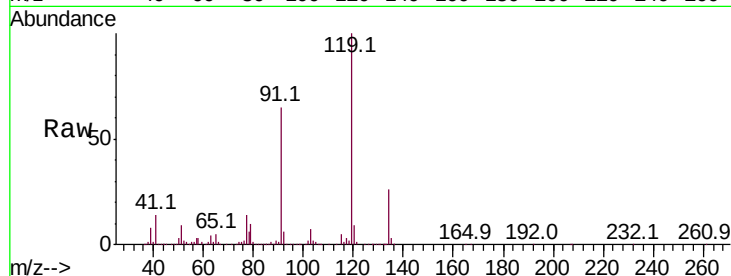
#83
tert-Butylbenzene
Concen: 52.276 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.9	98.7
134	26.3	13.3	39.8

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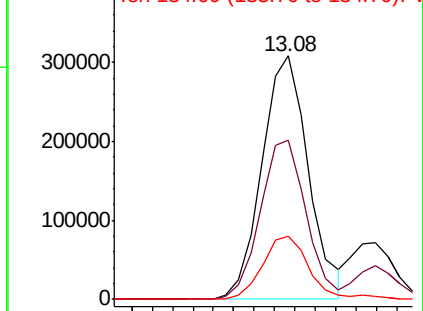


Abundance

Ion 119.00 (118.70 to 119.70): V

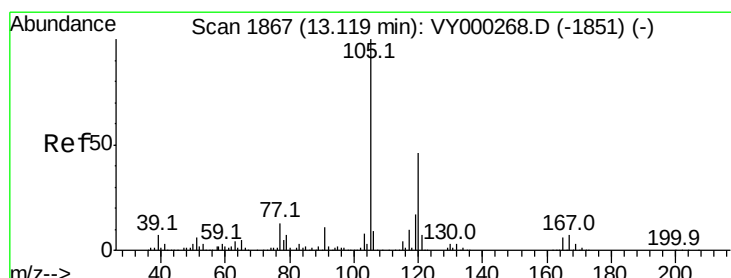
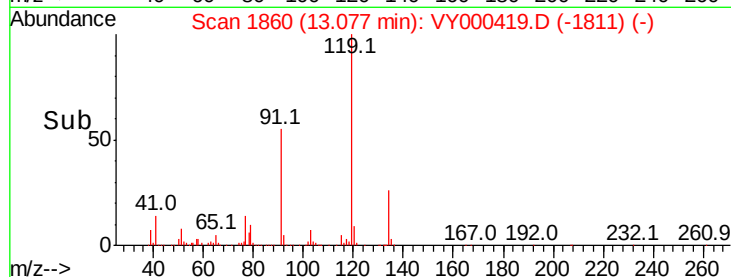
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



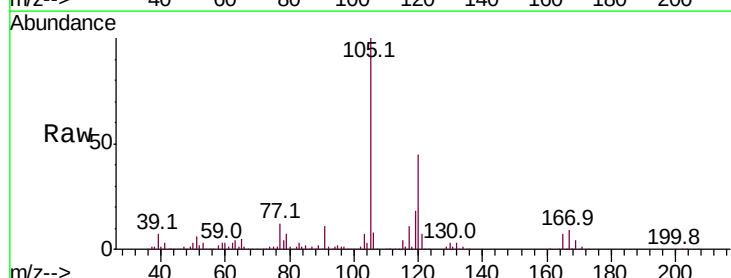
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#84
1,2,4-Trimethylbenzene
Concen: 53.008 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

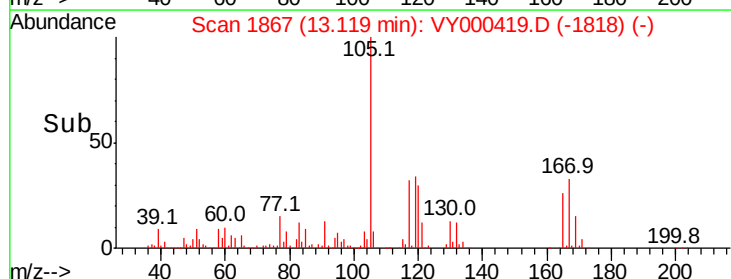
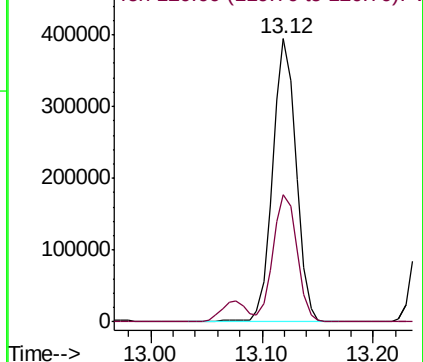
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.8

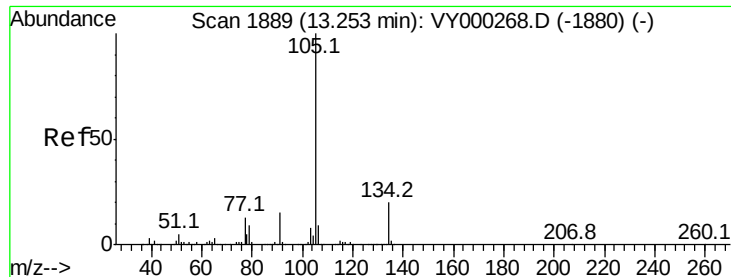


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.081 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 706024

Ion Ratio Lower Upper

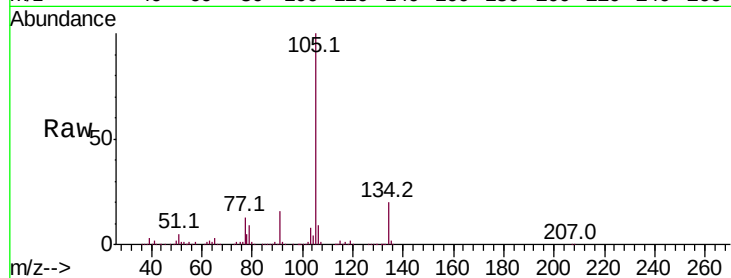
105 100

134 20.1 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

500000

400000

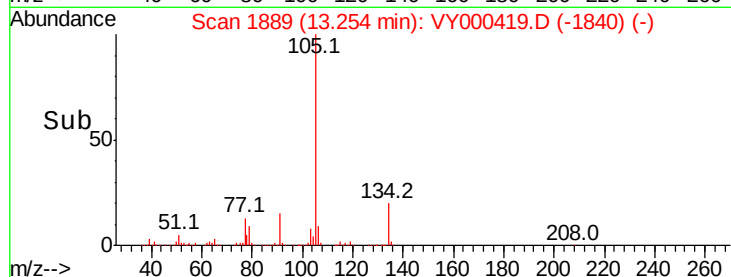
300000

200000

100000

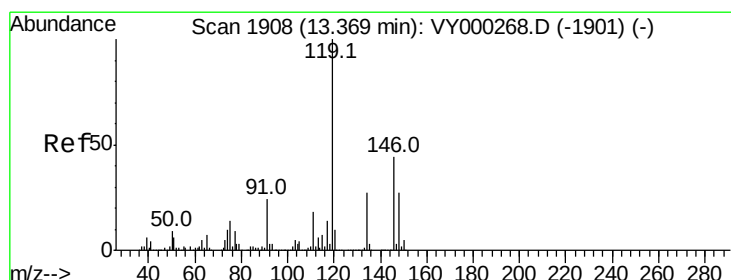
0

Time-->



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#86

p-Isopropyltoluene

Concen: 53.298 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

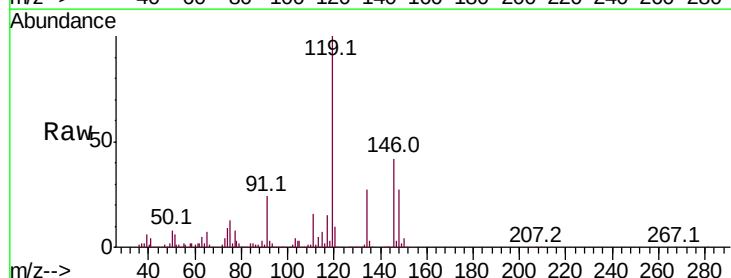
Tgt Ion:119 Resp: 629907

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

91 23.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

600000

500000

400000

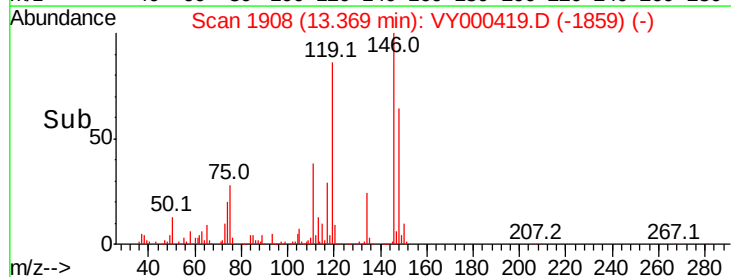
300000

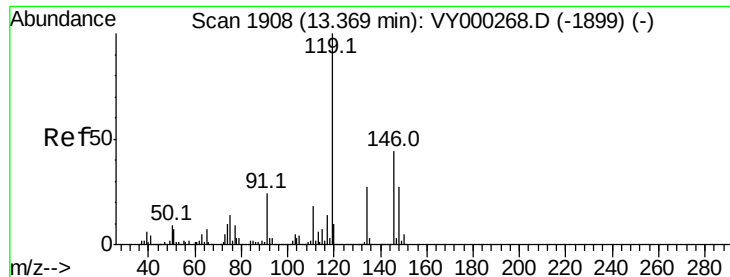
200000

100000

0

Time-->





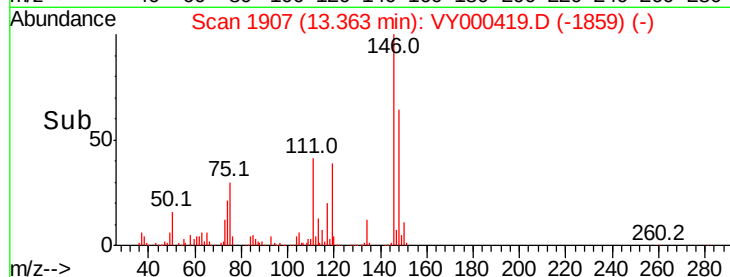
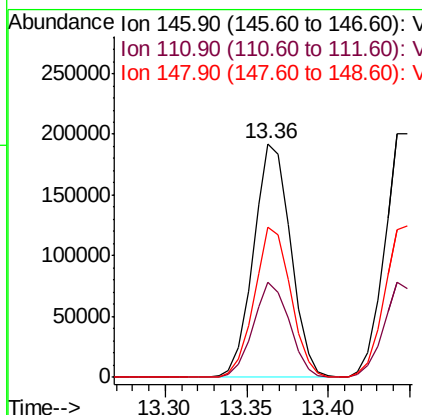
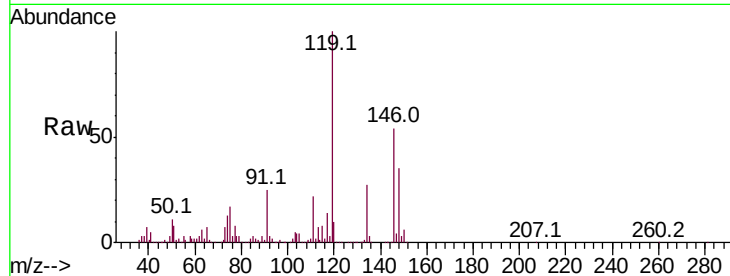
#87
 1,3-Dichlorobenzene
 Concen: 52.435 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.6	61.8
148	62.9	31.9	95.5

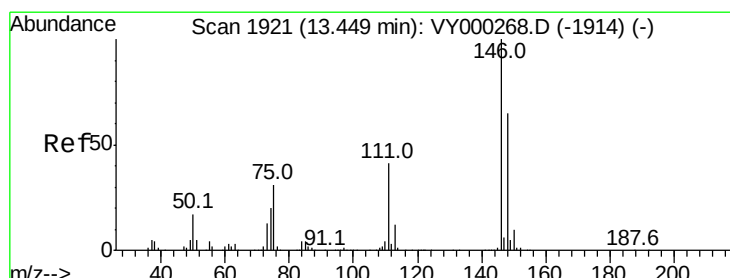
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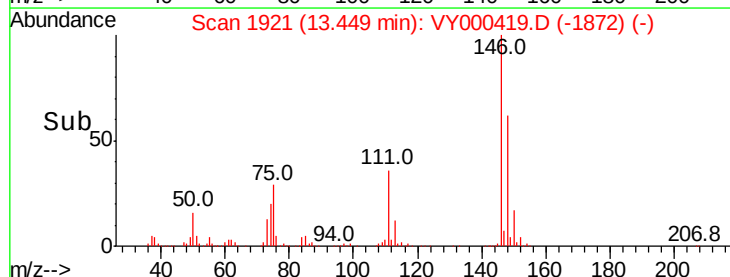
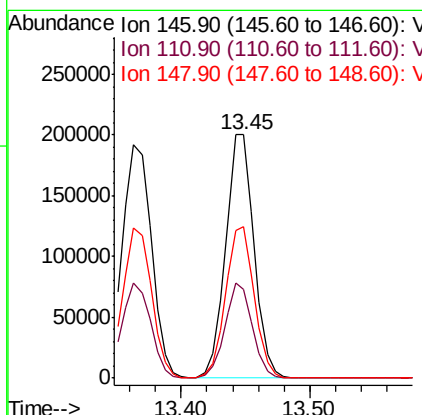
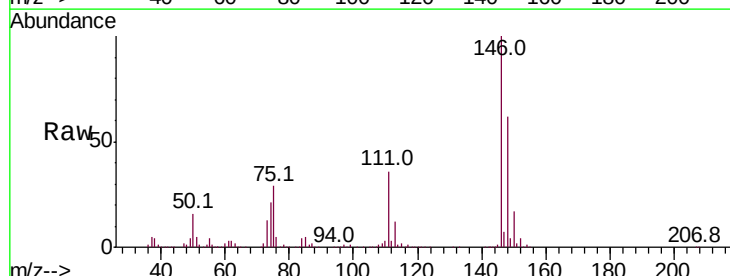
MMDadoda

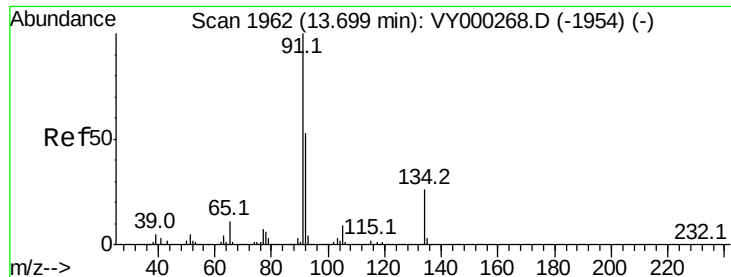
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#88
 1,4-Dichlorobenzene
 Concen: 53.553 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.1	60.2
148	62.7	32.4	97.2





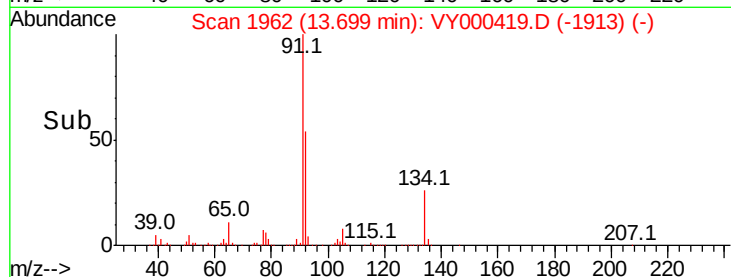
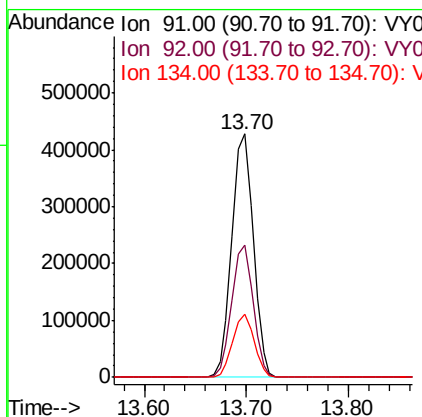
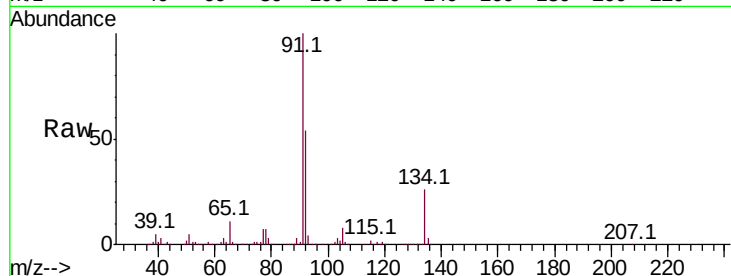
#89
n-Butylbenzene
Concen: 53.464 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.1
134	25.9	13.0	38.9

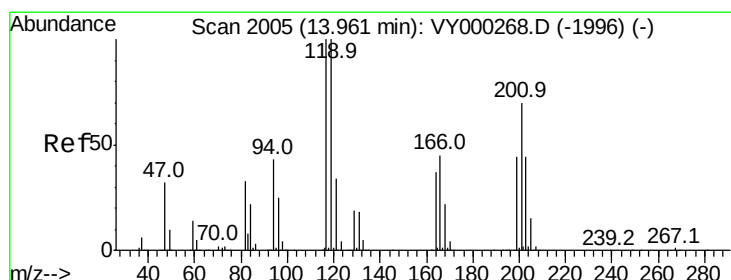
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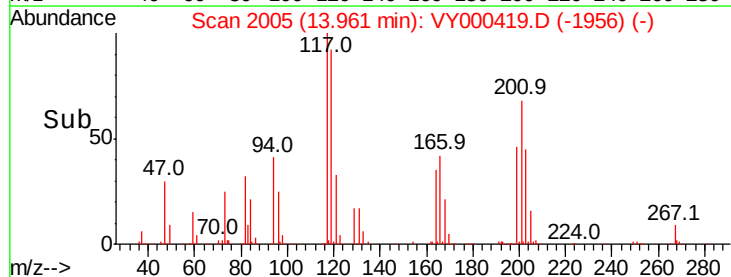
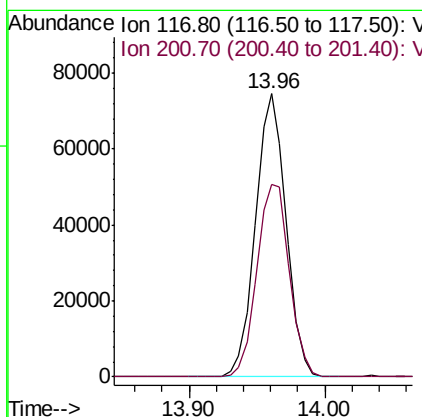
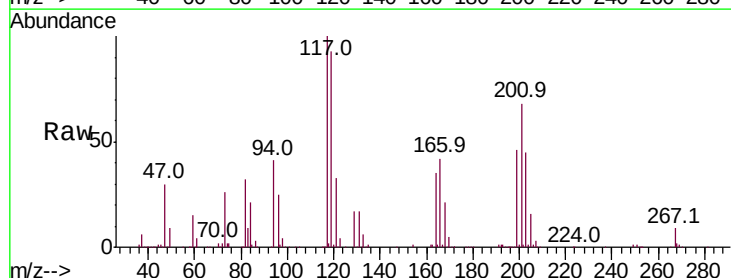
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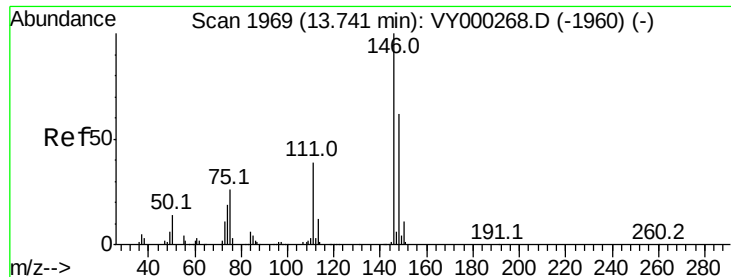
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#90
Hexachloroethane
Concen: 53.783 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.0	36.3	108.7





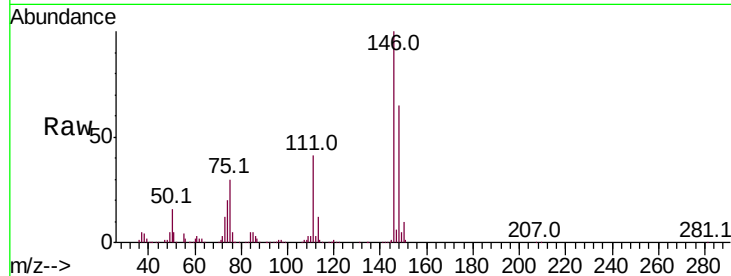
#91
 1,2-Dichlorobenzene
 Concen: 54.120 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	283376		
111	40.2		20.5	61.5
148	63.7		31.6	95.0

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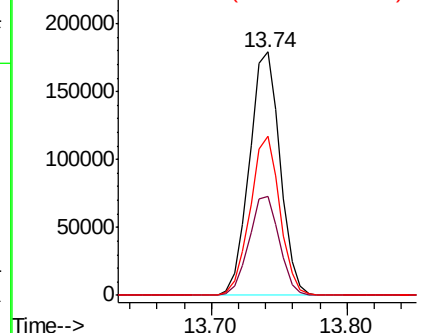


Abundance

Ion 145.90 (145.60 to 146.60): V

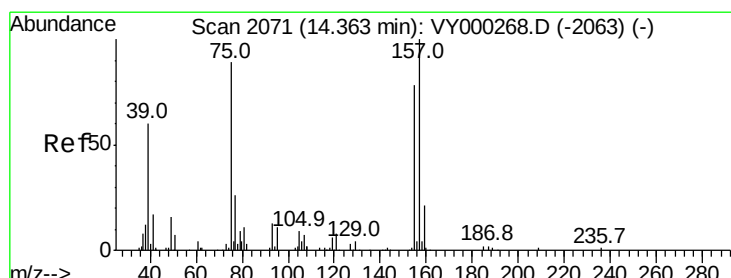
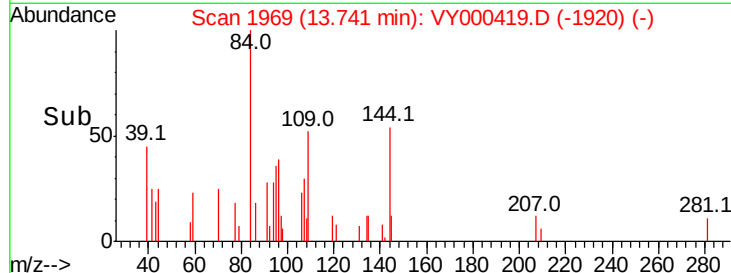
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



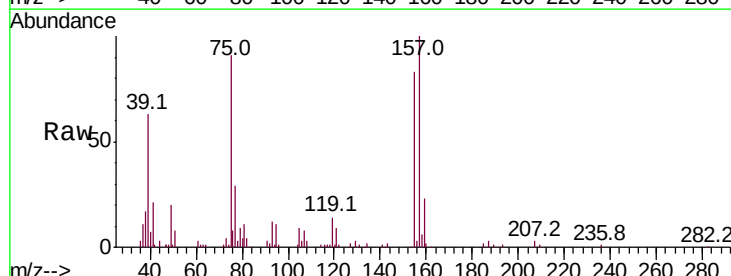
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.117 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000419.D
 Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24491		
155	87.1		45.8	137.3
157	110.8		55.6	166.9

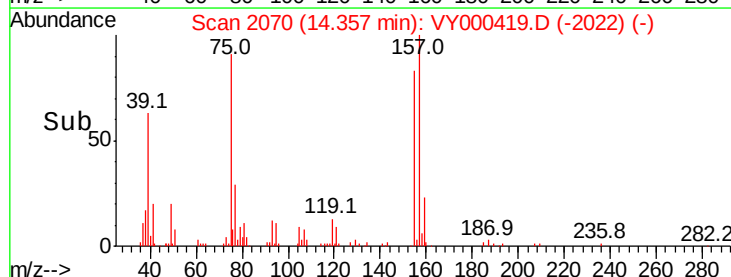
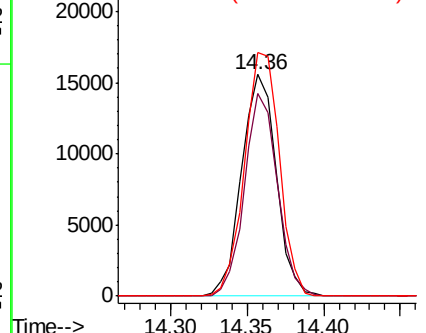


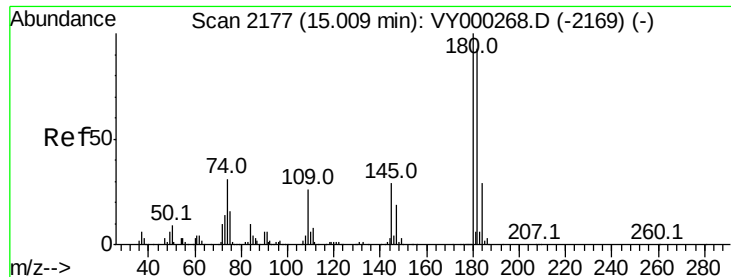
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 52.907 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Instrument :

MSVOA_Y

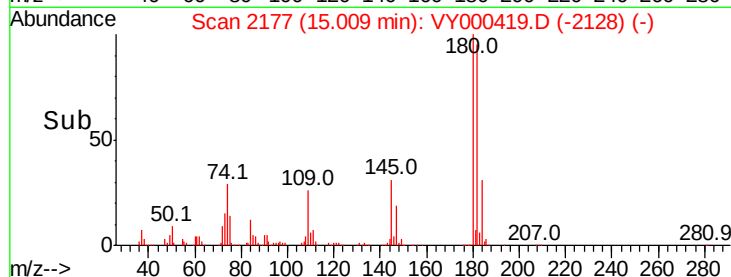
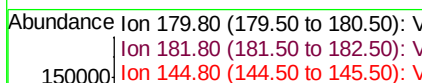
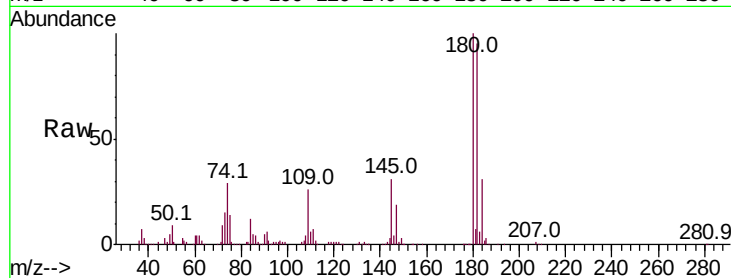
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	192876
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.5	142.6
145	30.2	15.4	46.1

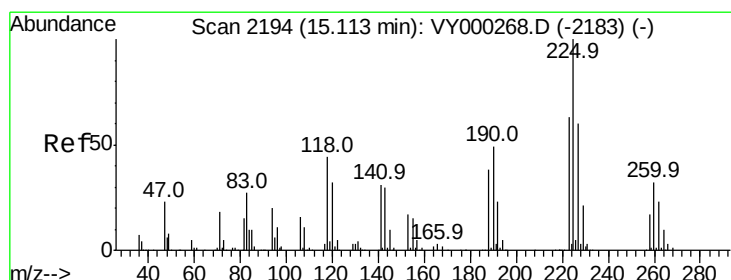
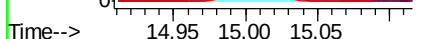
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#94

Hexachlorobutadiene

Concen: 50.287 ug/l

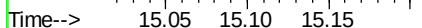
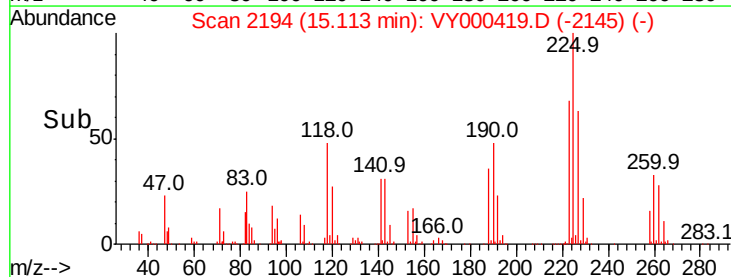
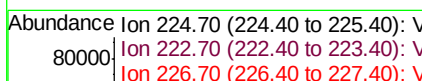
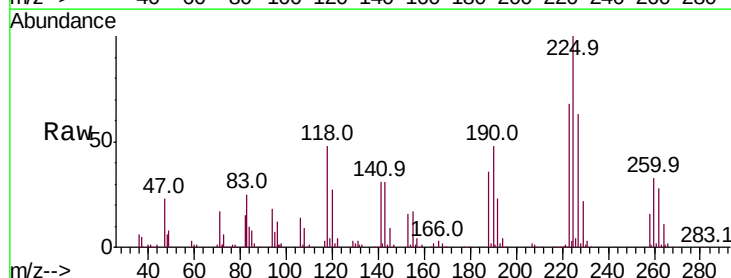
RT: 15.11 min Scan# 2194

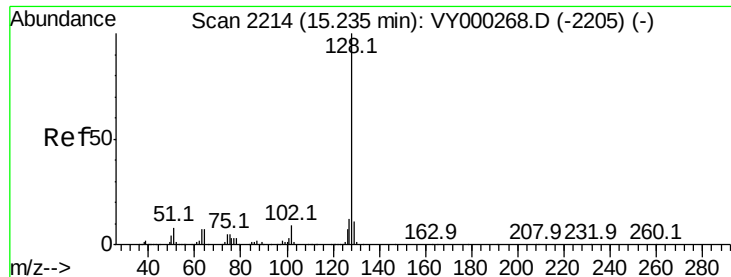
Delta R.T. 0.00 min

Lab File: VY000419.D

Acq: 25 Oct 2019 10:57

Tgt Ion:	225	Resp:	99210
Ion Ratio	Lower	Upper	
225	100		
223	64.0	31.9	95.7
227	62.9	31.4	94.2





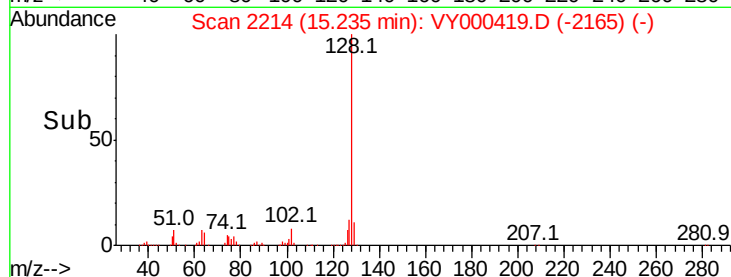
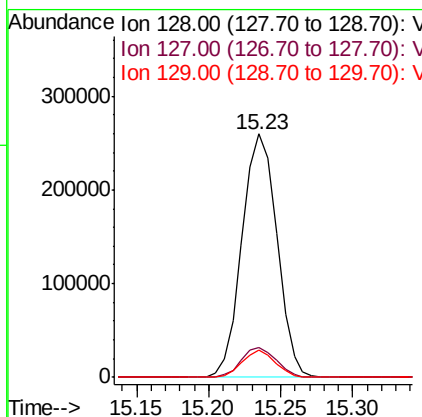
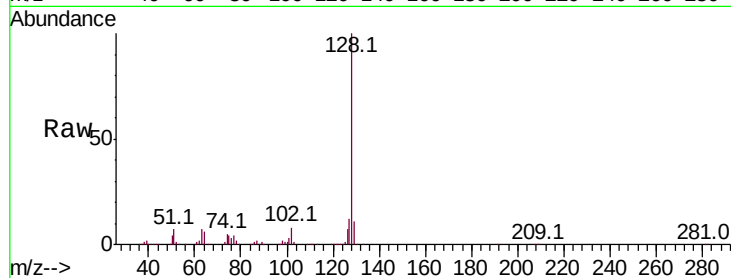
#95
Naphthalene
Concen: 53.826 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	437900		
127	12.2		9.6	14.4
129	10.5		8.7	13.1

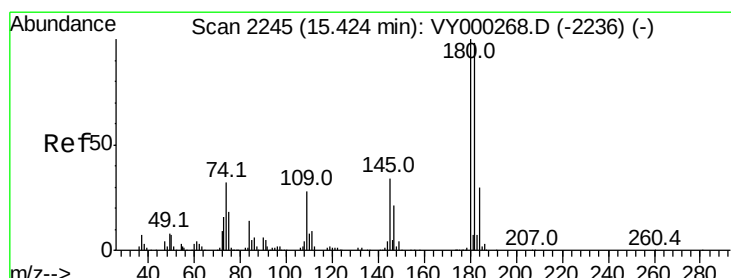
Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.948 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000419.D
Acq: 25 Oct 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170680		
182	95.8		46.5	139.5
145	31.8		16.2	48.5

