

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001018.D
 Acq On : 23 Dec 2019 10:44
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 12/24/2019 11:05:55 AM

Quant Time: Dec 23 11:37:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 11:25:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	321226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	556191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	500621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	228963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	62820	19.72	ug/l	0.00
Spiked Amount			Recovery	=	39.44%	
35) Dibromofluoromethane	7.73	113	70126	21.58	ug/l	0.00
Spiked Amount			Recovery	=	43.16%	
50) Toluene-d8	10.18	98	244240	19.13	ug/l	0.00
Spiked Amount			Recovery	=	38.26%	
62) 4-Bromofluorobenzene	12.47	95	100799	21.38	ug/l	0.00
Spiked Amount			Recovery	=	42.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	60524	20.224	ug/l	99
3) Chloromethane	2.11	50	79167	20.145	ug/l	96
4) Vinyl Chloride	2.26	62	77572	20.250	ug/l	94
5) Bromomethane	2.64	94	46323	19.903	ug/l	96
6) Chloroethane	2.79	64	48828	20.623	ug/l	98
7) Trichlorofluoromethane	3.13	101	112122	20.262	ug/l	100
8) Diethyl Ether	3.53	74	45817	20.852	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74060	20.665	ug/l	99
10) Methyl Iodide	4.10	142	95873	19.943	ug/l	98
11) Tert butyl alcohol	4.97	59	32795	94.107	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	73974	20.550	ug/l	89
13) Acrolein	3.74	56	38819	99.377	ug/l	99
14) Allyl chloride	4.49	41	114630	19.825	ug/l	98
15) Acrylonitrile	5.18	53	112522	101.567	ug/l	98
16) Acetone	3.95	43	72656	98.259	ug/l	92
17) Carbon Disulfide	4.19	76	239600	20.446	ug/l	100
18) Methyl Acetate	4.48	43	57941	19.837	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	189598	20.198	ug/l	98
20) Methylene Chloride	4.72	84	86231	20.188	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	81440	20.369	ug/l	94
22) Diisopropyl ether	6.13	45	239096	20.402	ug/l	99
23) Vinyl Acetate	6.07	43	734750	100.006	ug/l	97
24) 1,1-Dichloroethane	6.03	63	135391	19.931	ug/l	99
25) 2-Butanone	7.00	43	130741	98.255	ug/l	97
26) 2,2-Dichloropropane	6.99	77	109049	19.377	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	88988	20.246	ug/l	98
28) Bromochloromethane	7.35	49	49707	18.958	ug/l	96
29) Tetrahydrofuran	7.36	42	92576	99.220	ug/l	98
30) Chloroform	7.52	83	128291	19.929	ug/l	97
31) Cyclohexane	7.79	56	141347	19.689	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	107267	19.516	ug/l	99
36) 1,1-Dichloropropene	7.92	75	107575	19.922	ug/l	98
37) Ethyl Acetate	7.08	43	62139	20.539	ug/l	99
38) Carbon Tetrachloride	7.91	117	95877	20.238	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	146737	20.486	ug/l	98
40) Benzene	8.17	78	327639	20.320	ug/l	96
41) Methacrylonitrile	7.32	41	27674m	9.872	ug/l	
42) 1,2-Dichloroethane	8.24	62	78365	19.899	ug/l	98
43) Isopropyl Acetate	8.28	43	109478	19.600	ug/l	97
44) Trichloroethene	8.94	130	86674	20.548	ug/l	87
45) 1,2-Dichloropropane	9.22	63	81392	20.109	ug/l	95
46) Dibromomethane	9.31	93	42389	20.334	ug/l	99
47) Bromodichloromethane	9.50	83	94308	19.360	ug/l	97
48) Methyl methacrylate	9.30	41	46425	19.346	ug/l	97
49) 1,4-Dioxane	9.30	88	11507	382.979	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	291304	99.463	ug/l	100
52) Toluene	10.24	92	203001	20.343	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	108079	20.469	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	126804	20.018	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	63240	20.301	ug/l	94
56) Ethyl methacrylate	10.51	69	89113	19.969	ug/l	98
57) 1,3-Dichloropropane	10.79	76	111497	20.461	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	169431	97.855	ug/l	100
59) 2-Hexanone	10.83	43	203416	98.783	ug/l	99
60) Dibromochloromethane	10.98	129	67855	20.366	ug/l	96
61) 1,2-Dibromoethane	11.08	107	59021	20.011	ug/l	95
64) Tetrachloroethene	10.72	164	91452	21.041	ug/l	97
65) Chlorobenzene	11.51	112	210053	20.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.58	131	69581	20.088	ug/l	100
67) Ethyl Benzene	11.59	91	379778	19.960	ug/l	99
68) m/p-Xylenes	11.70	106	289589	40.324	ug/l	99
69) o-Xylene	12.02	106	135984	20.081	ug/l	99
70) Styrene	12.04	104	231921	20.153	ug/l	99
71) Bromoform	12.20	173	37867	19.630	ug/l #	97
73) Isopropylbenzene	12.33	105	356738	19.676	ug/l	99
74) N-amyl acetate	12.14	43	94038	19.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	69133	19.494	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	58474m	15.040	ug/l	
77) Bromobenzene	12.60	156	80619	20.017	ug/l	99
78) n-propylbenzene	12.67	91	436006	19.780	ug/l	100
79) 2-Chlorotoluene	12.75	91	241967	19.834	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	292732	19.736	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	27039	20.192	ug/l	98
82) 4-Chlorotoluene	12.85	91	249559	19.778	ug/l	100
83) tert-Butylbenzene	13.07	119	244411	19.493	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	294154	19.769	ug/l	99
85) sec-Butylbenzene	13.25	105	368875	20.103	ug/l	100
86) p-Isopropyltoluene	13.36	119	317070	19.937	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	158178	20.439	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	156387	20.088	ug/l	96
89) n-Butylbenzene	13.69	91	319977	19.924	ug/l	99
90) Hexachloroethane	13.95	117	58870	19.754	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	141035	19.820	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12313	20.716	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	98230	20.484	ug/l	100
94) Hexachlorobutadiene	15.10	225	46454	20.323	ug/l	98
95) Naphthalene	15.23	128	227556	20.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87614	20.553	ug/l	97

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

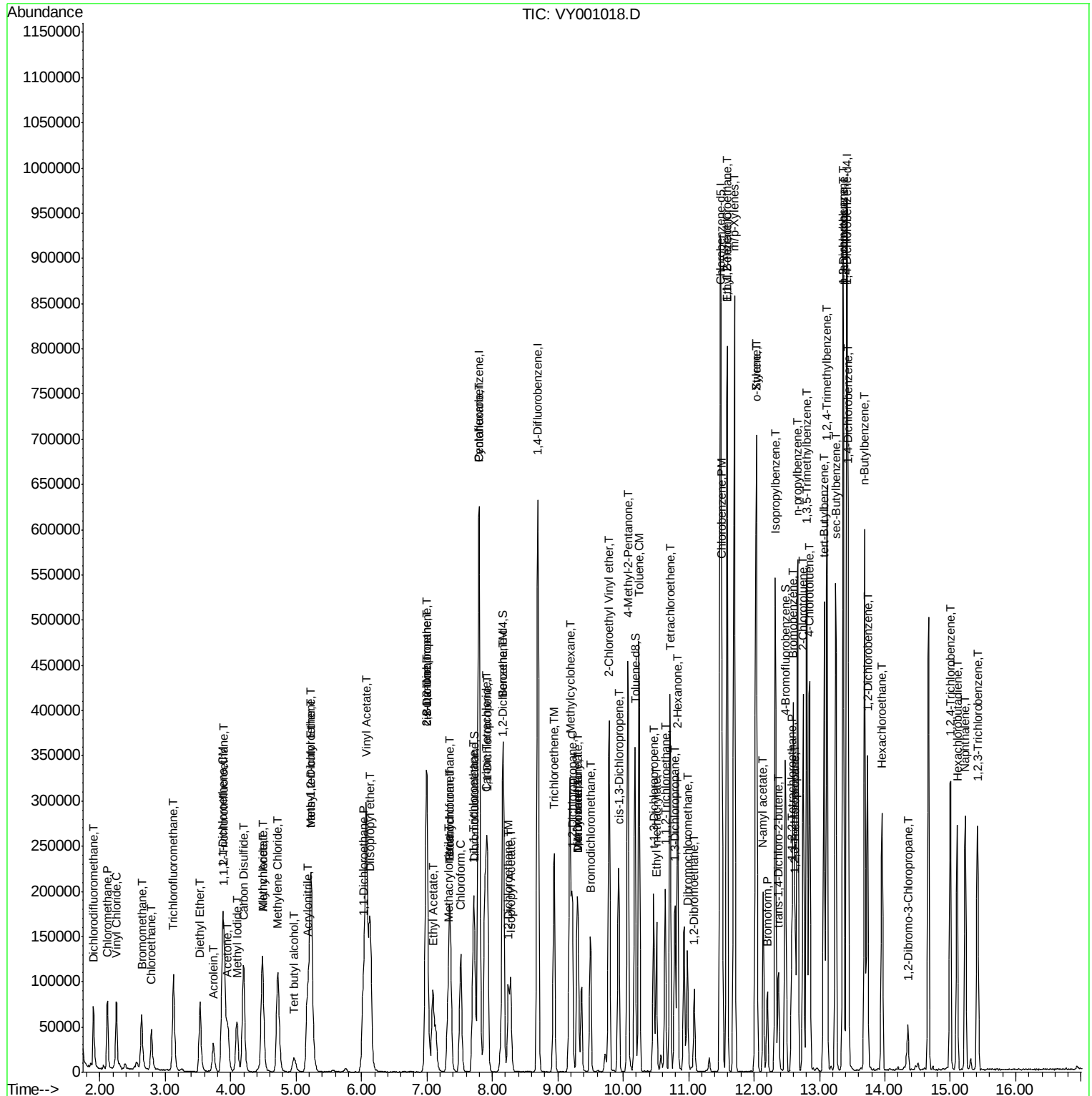
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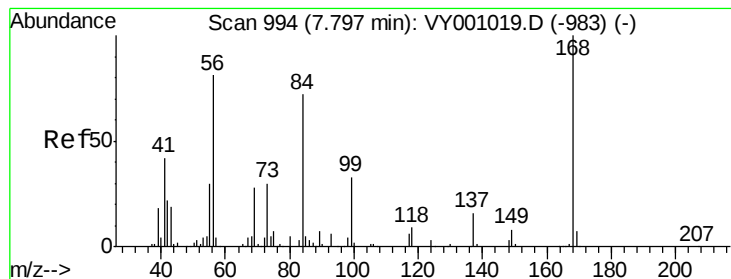
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 321226

Ion Ratio Lower Upper

168 100

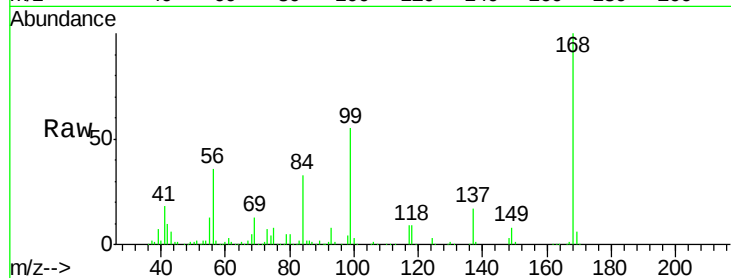
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Manual Integrations

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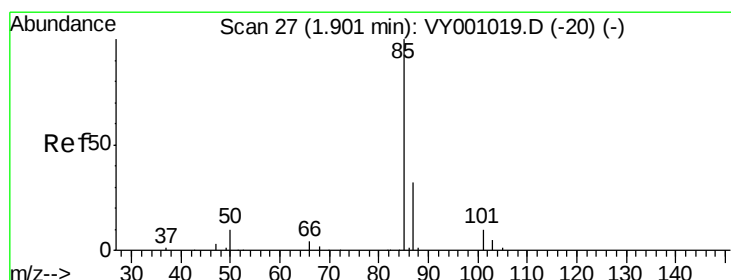
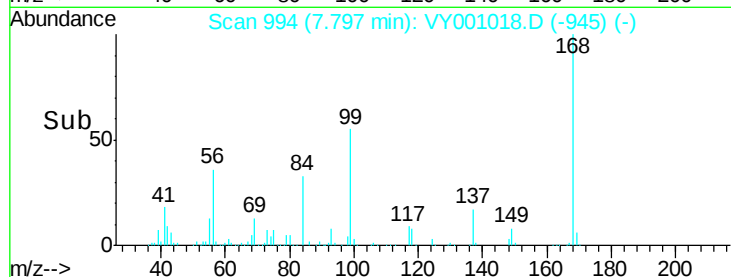
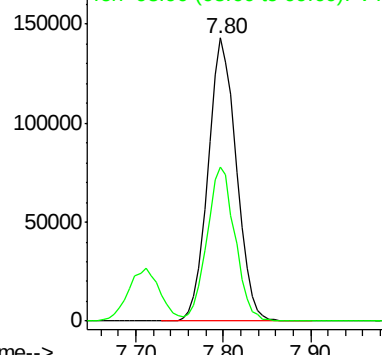
apatel

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 20.224 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001018.D

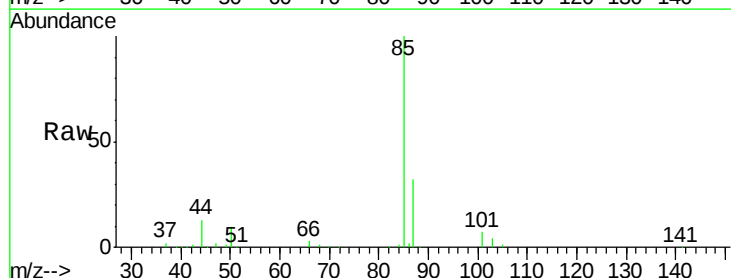
Acq: 23 Dec 2019 10:44

Tgt Ion: 85 Resp: 60524

Ion Ratio Lower Upper

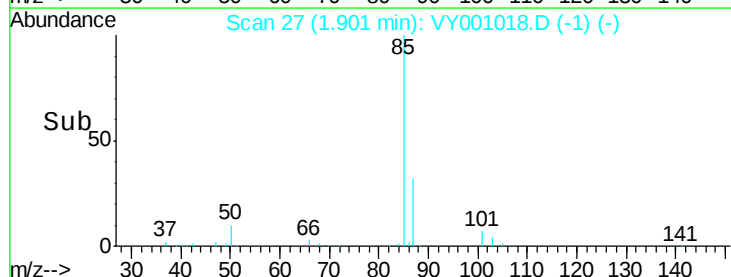
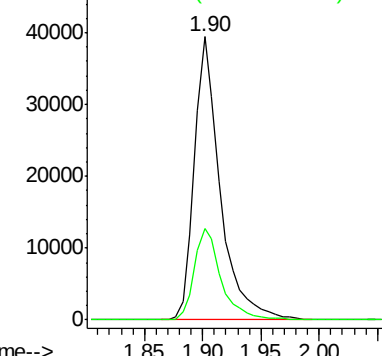
85 100

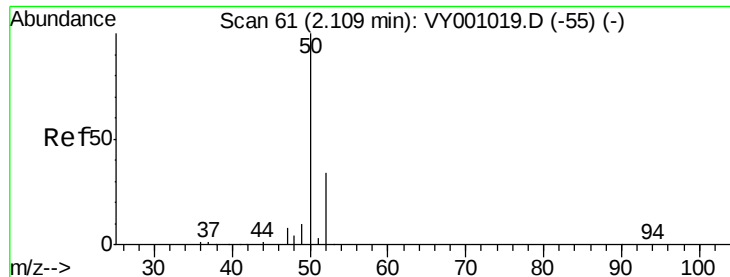
87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 20.145 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 79167

Ion Ratio Lower Upper

50 100

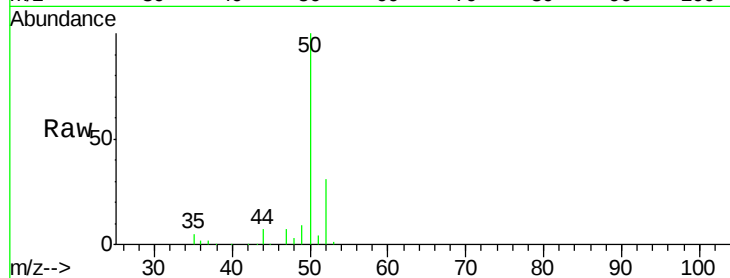
52 31.4 27.1 40.7

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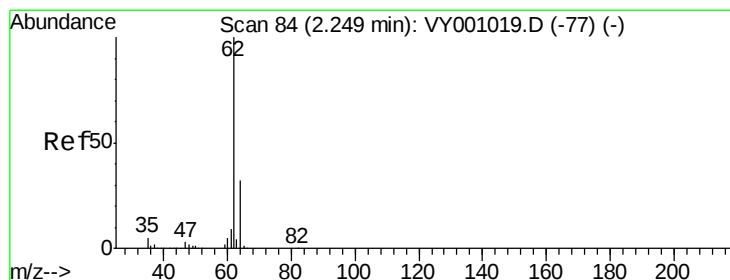
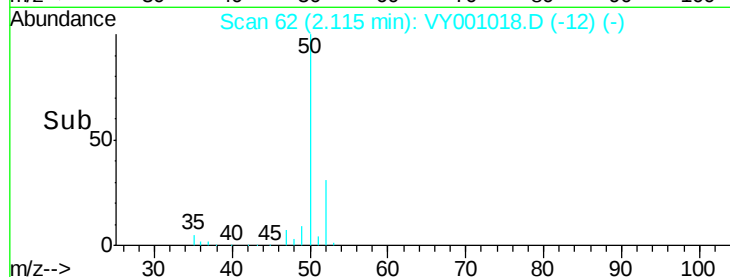
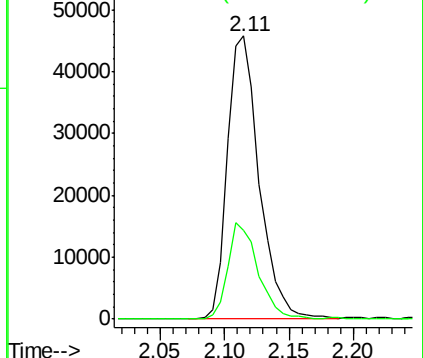
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.250 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001018.D

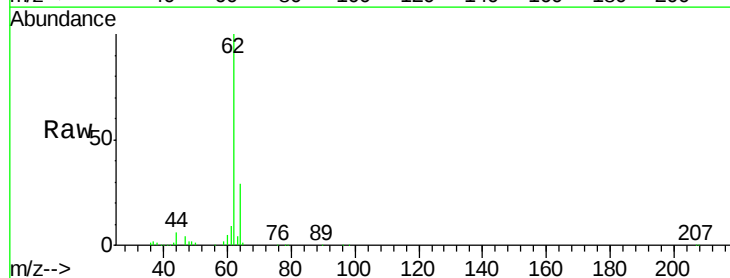
Acq: 23 Dec 2019 10:44

Tgt Ion: 62 Resp: 77572

Ion Ratio Lower Upper

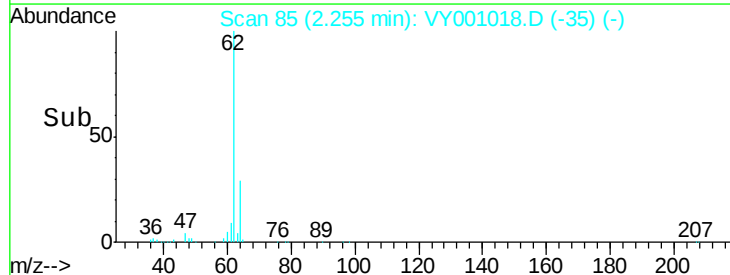
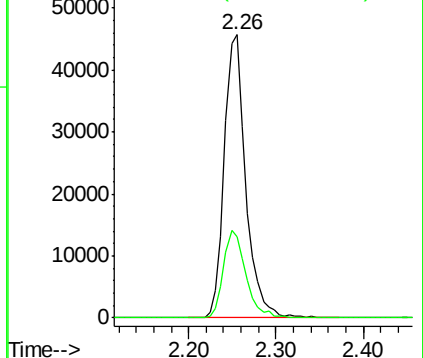
62 100

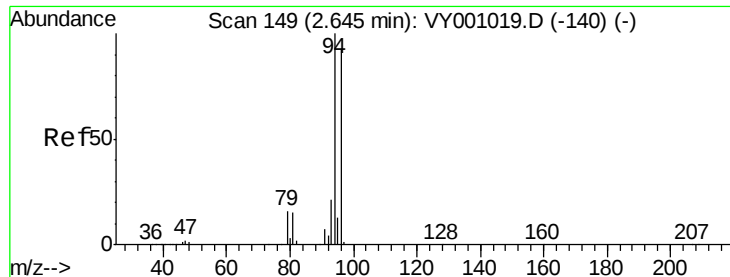
64 28.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.903 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

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Tot Ion: 94 Resp: 46323

Ion Ratio Lower Upper

94 100

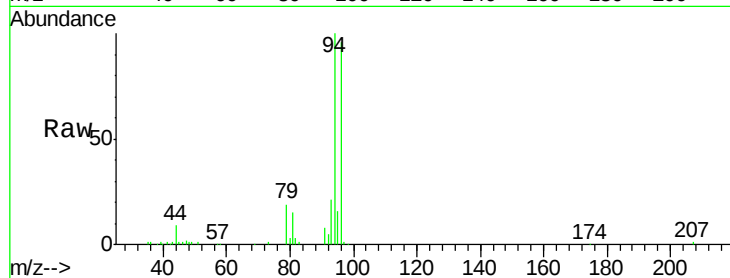
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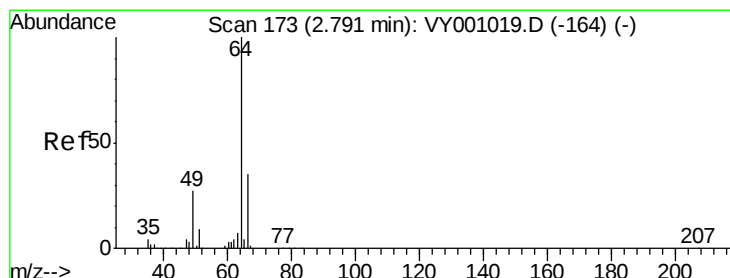
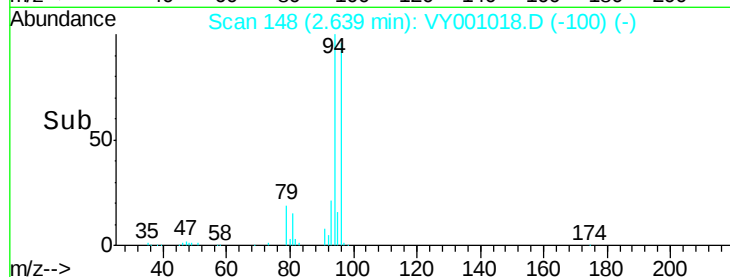
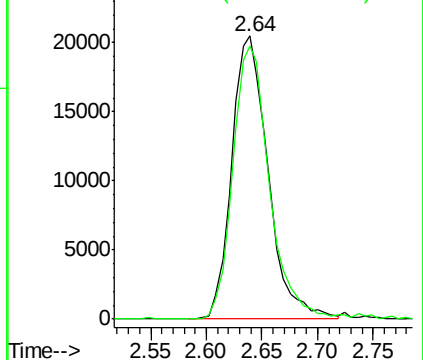
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.623 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001018.D

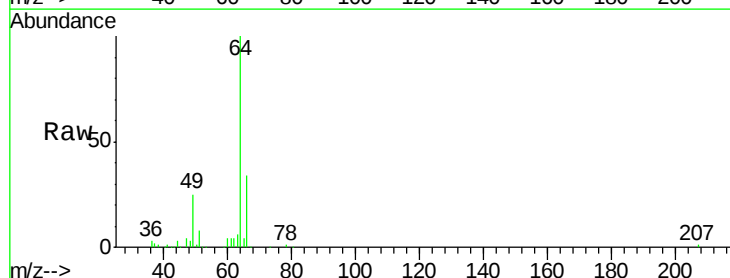
Acq: 23 Dec 2019 10:44

Tgt Ion: 64 Resp: 48828

Ion Ratio Lower Upper

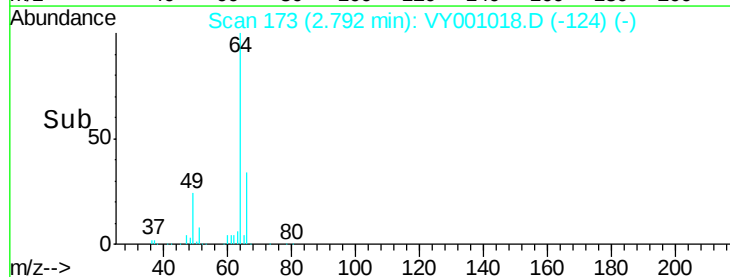
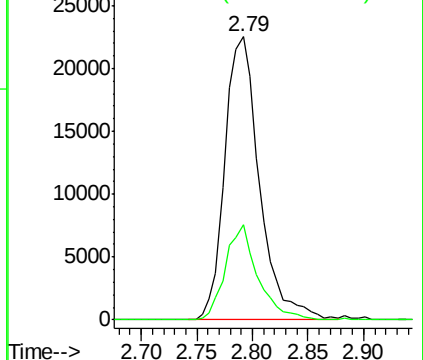
64 100

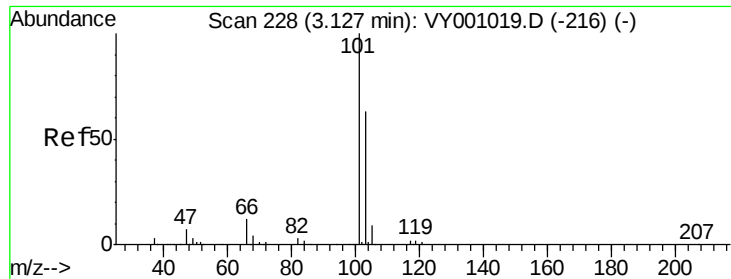
66 33.8 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

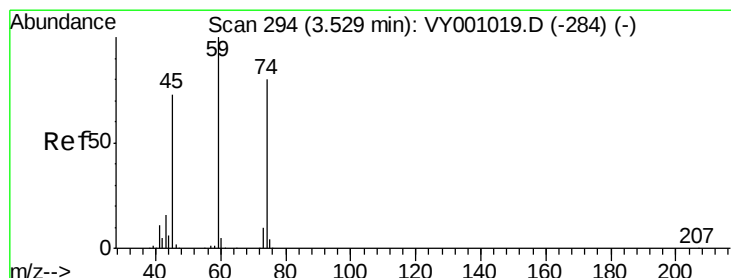
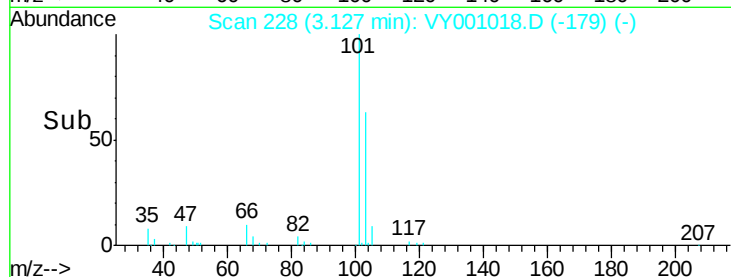
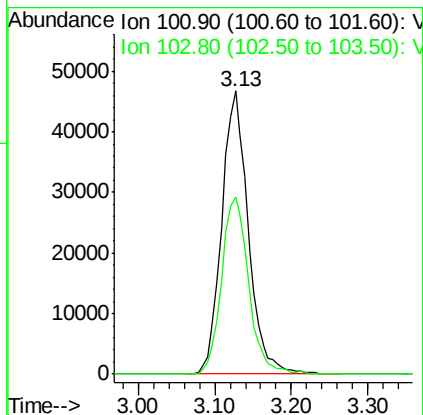
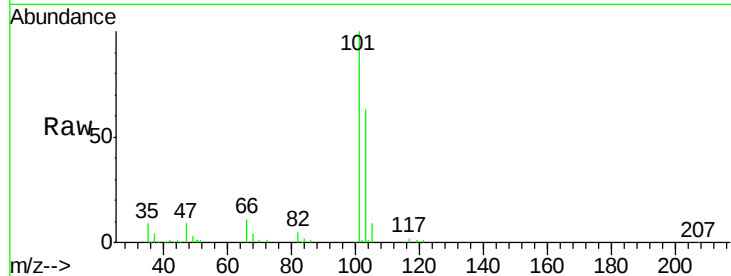
Trichlorofluoromethane
Concen: 20.262 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001018.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	112122		
103	62.8	50.2	75.2	

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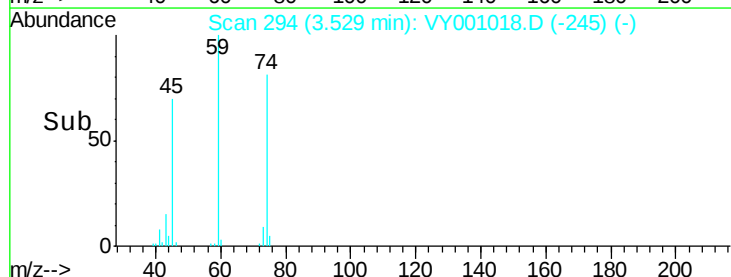
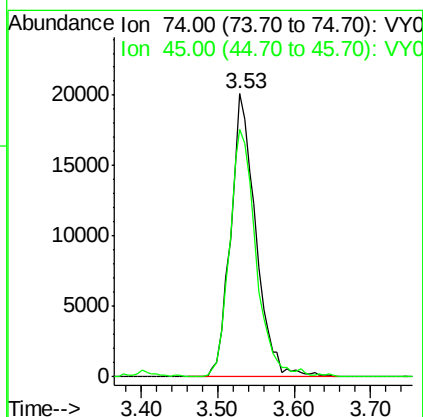
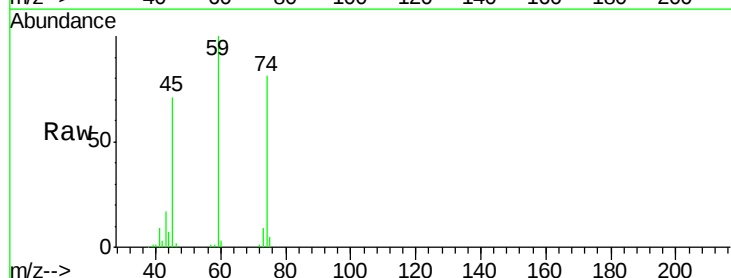
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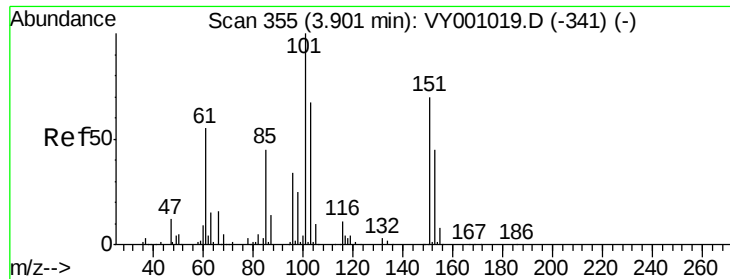


#8

Diethyl Ether
Concen: 20.852 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45817		
45	91.8	46.4	139.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.665 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

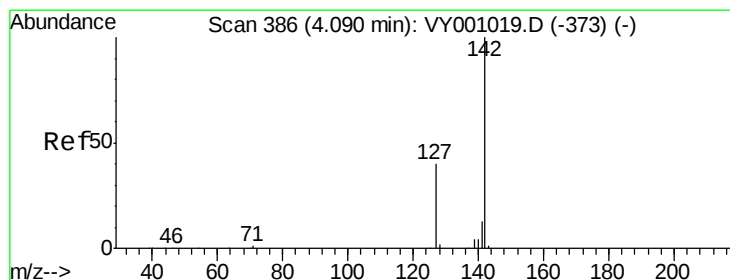
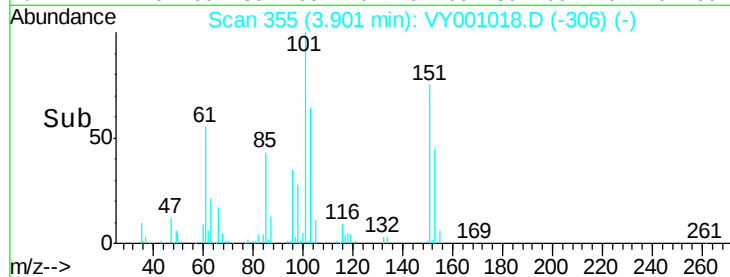
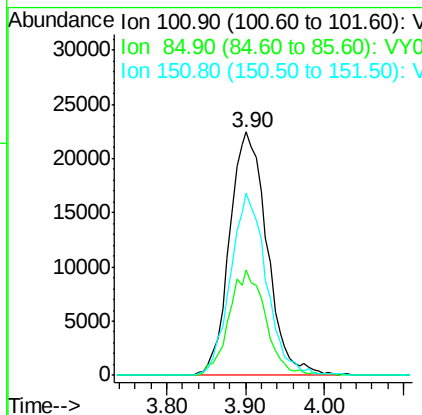
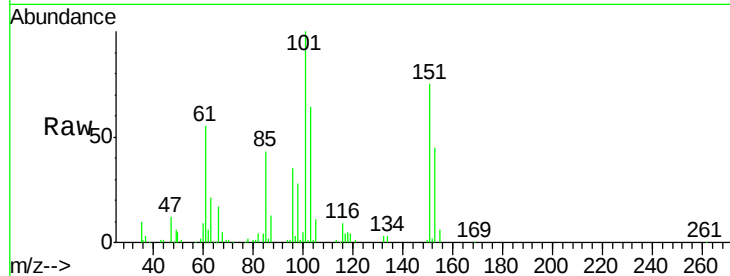
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	74060
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.2
151	72.0	57.0	85.6

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#10

Methyl Iodide

Concen: 19.943 ug/l

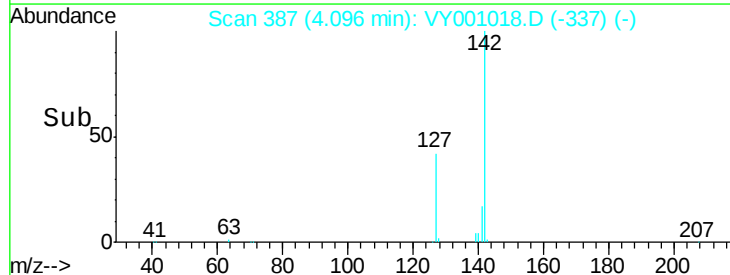
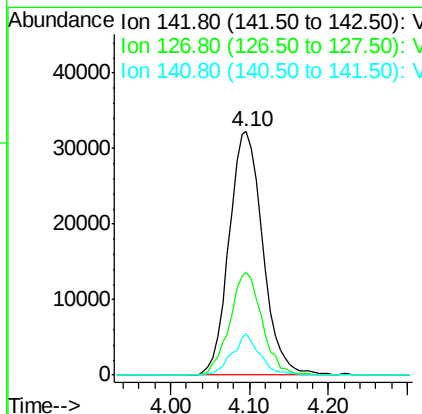
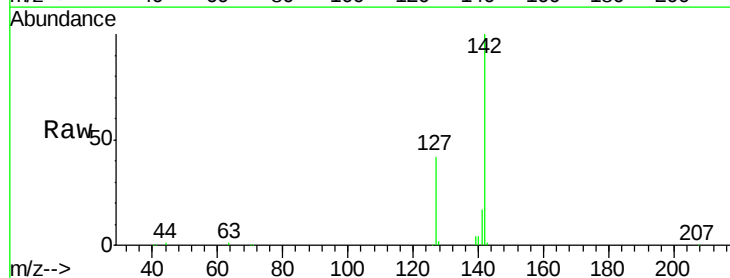
RT: 4.10 min Scan# 387

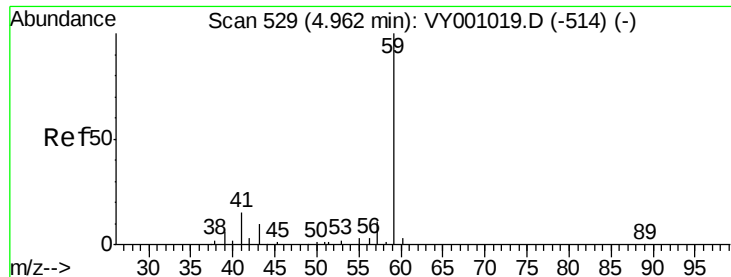
Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Tgt Ion:	142	Resp:	95873
Ion Ratio	Lower	Upper	
142	100		
127	40.4	31.2	46.8
141	13.8	11.0	16.4





#11

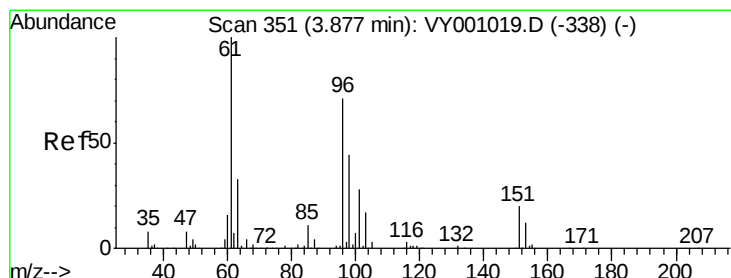
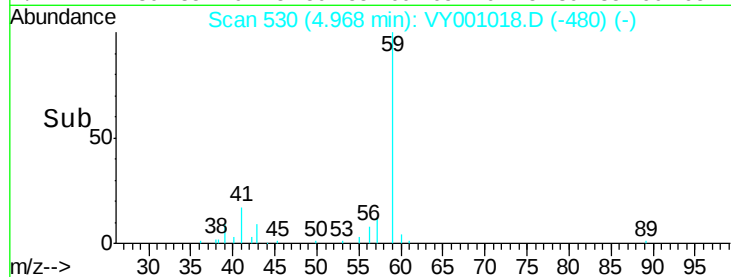
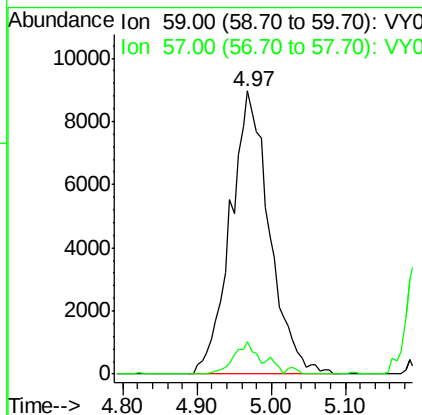
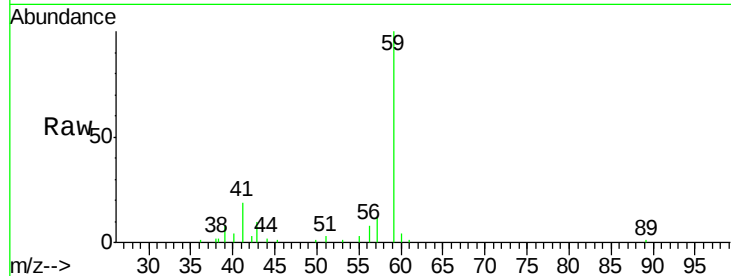
Tert butyl alcohol
 Concen: 94.107 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	59.00 (58.70 to 59.70): VY0	Resp	32795
Ion Ratio	Lower	Upper	
59	100		
57	6.9	7.8	11.6#

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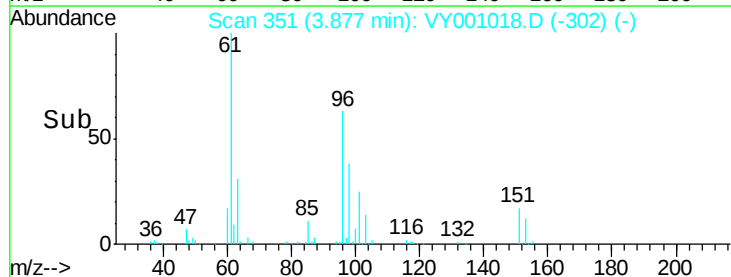
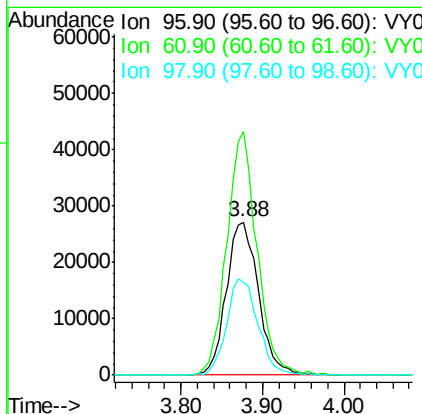
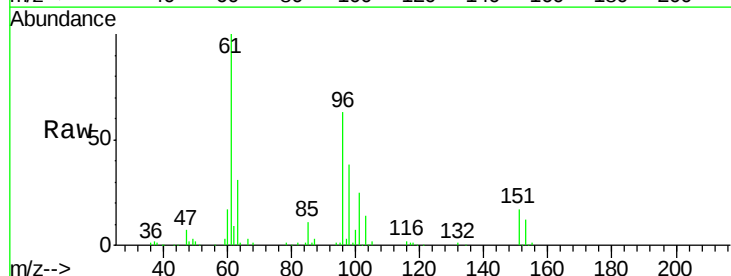
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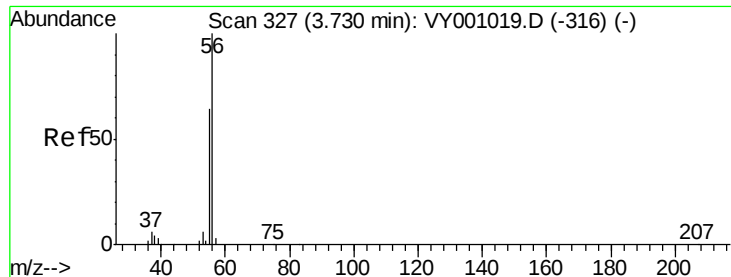


#12

1,1-Dichloroethene
 Concen: 20.550 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion	96	Resp	73974
Ion Ratio	Lower	Upper	
96	100		
61	159.0	113.0	169.4
98	60.7	49.8	74.8





#13

Acrolein

Concen: 99.377 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 38819

Ion Ratio Lower Upper

56 100

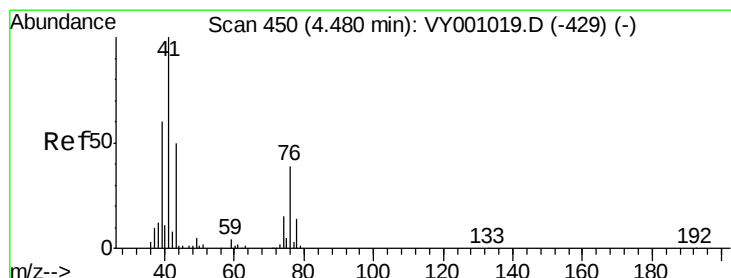
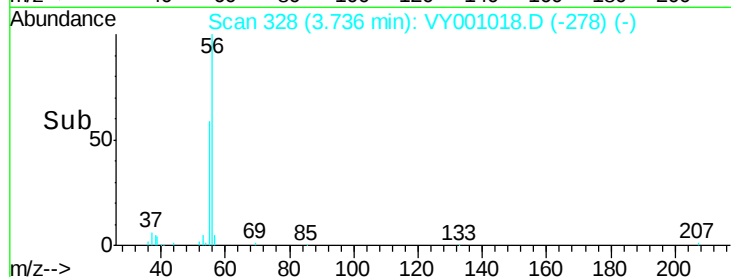
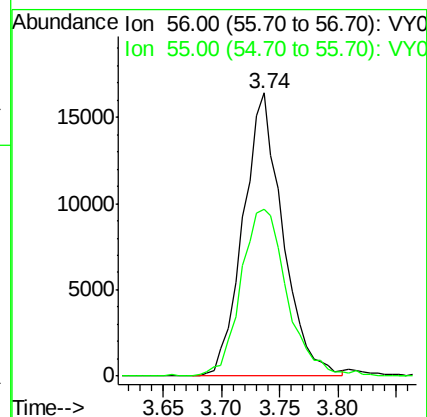
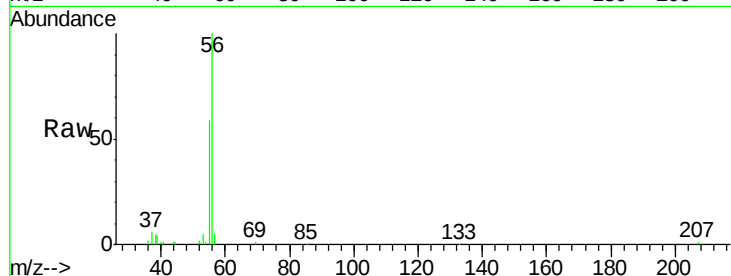
55 68.9 55.6 83.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.825 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

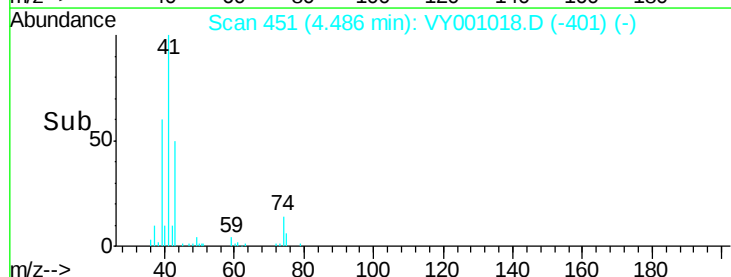
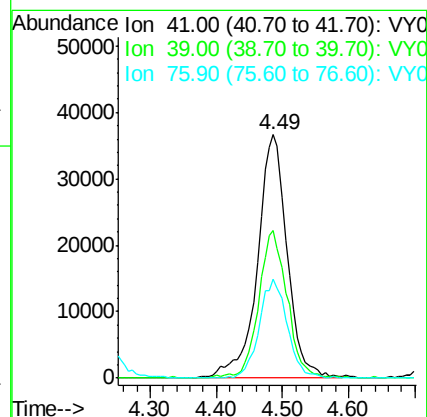
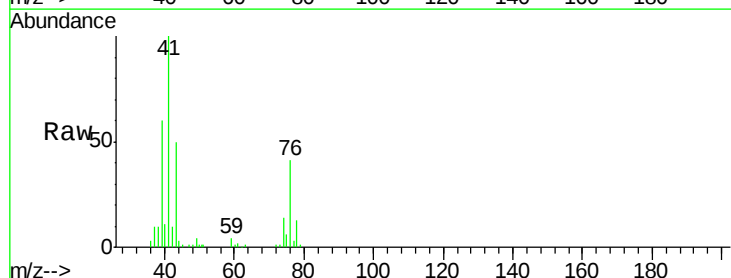
Tgt Ion: 41 Resp: 114630

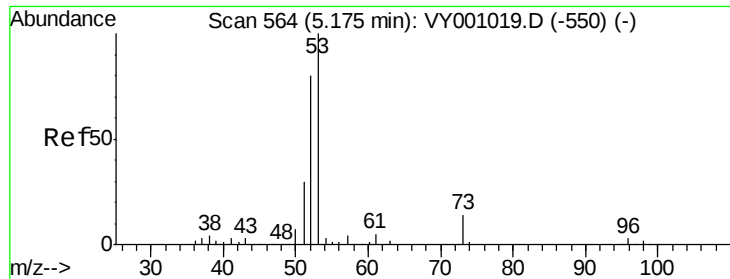
Ion Ratio Lower Upper

41 100

39 58.4 46.0 69.0

76 38.3 32.6 48.8





#15

Acrylonitrile

Concen: 101.567 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

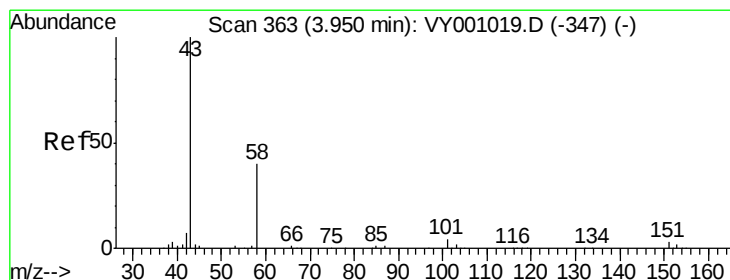
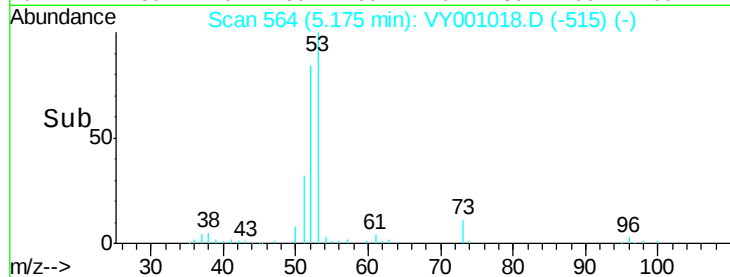
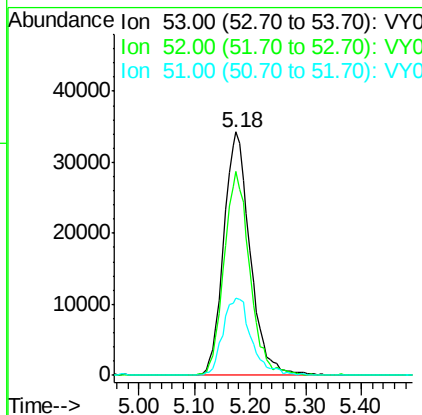
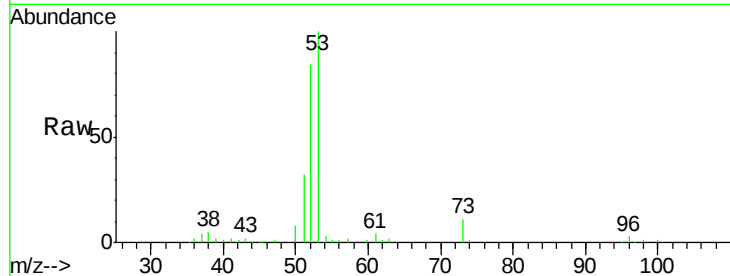
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	112522
Ion	Ratio	Lower	Upper
53	100		
52	81.5	63.6	95.4
51	34.1	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 98.259 ug/l

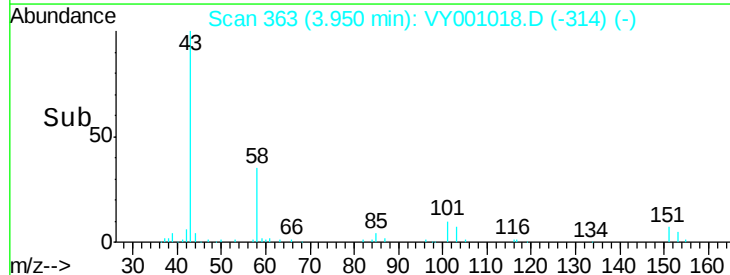
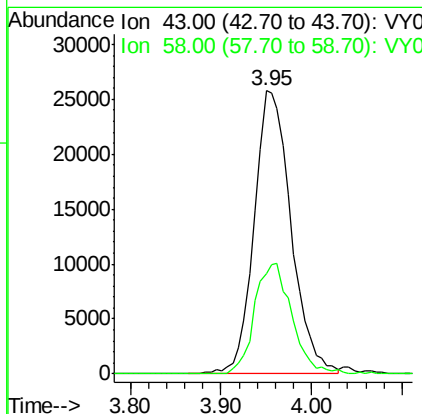
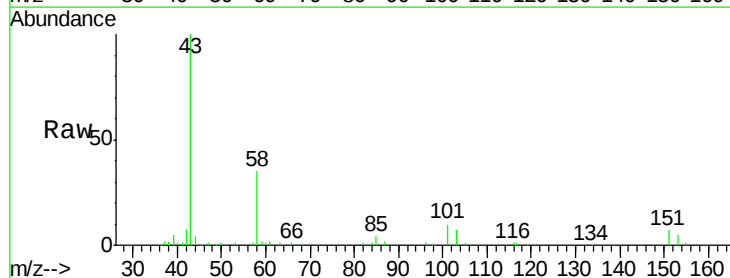
RT: 3.95 min Scan# 363

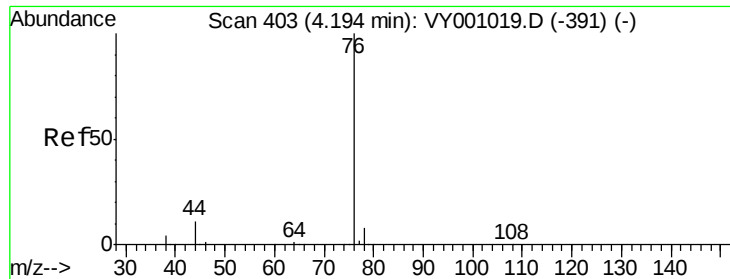
Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Tgt Ion:	43	Resp:	72656
Ion	Ratio	Lower	Upper
43	100		
58	35.2	32.1	48.1





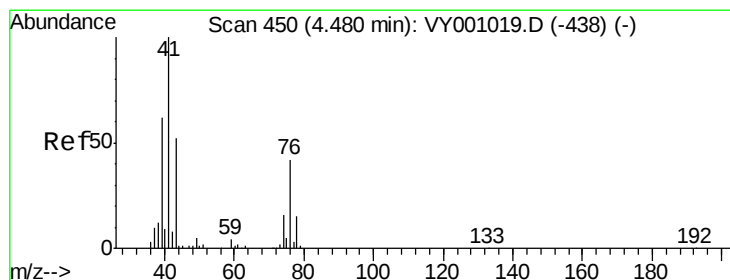
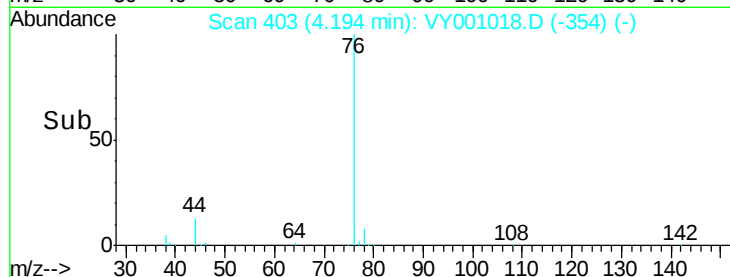
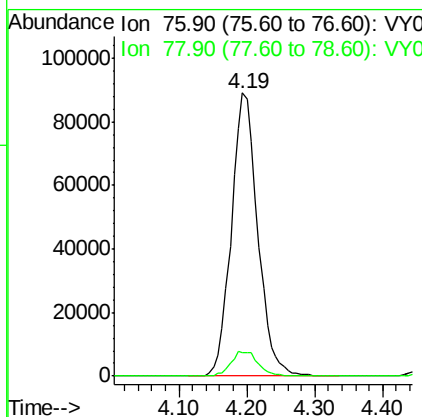
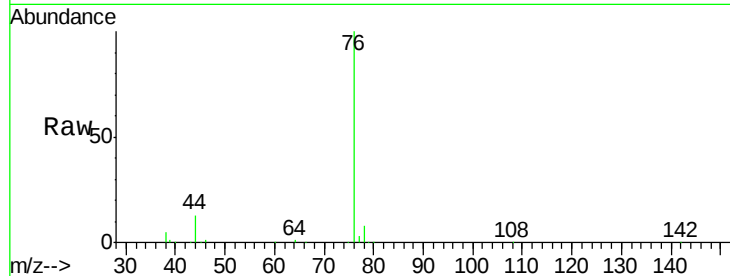
#17
Carbon Disulfide
Concen: 20.446 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	6.7	10.1

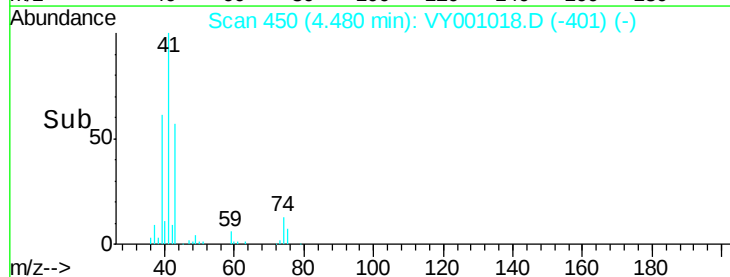
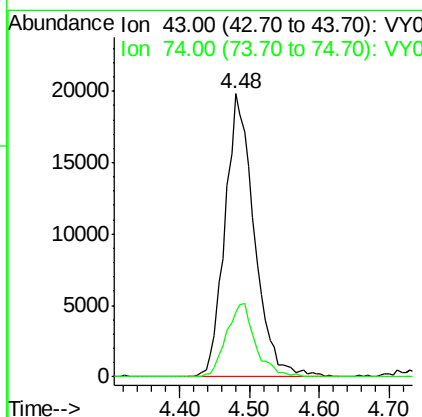
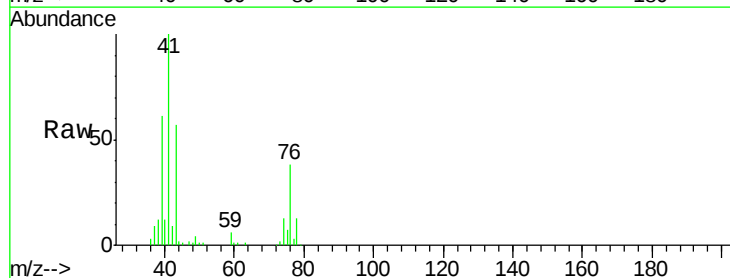
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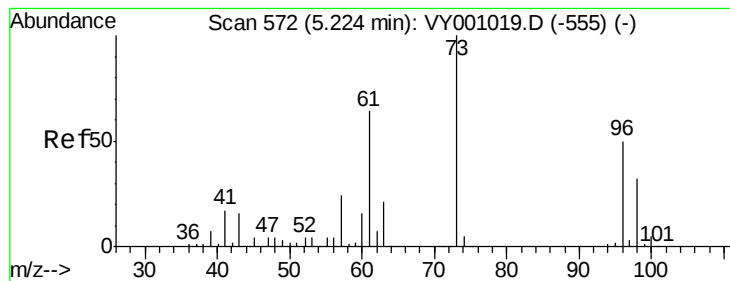
apatel
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#18
Methyl Acetate
Concen: 19.837 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	20.7	31.1





#19

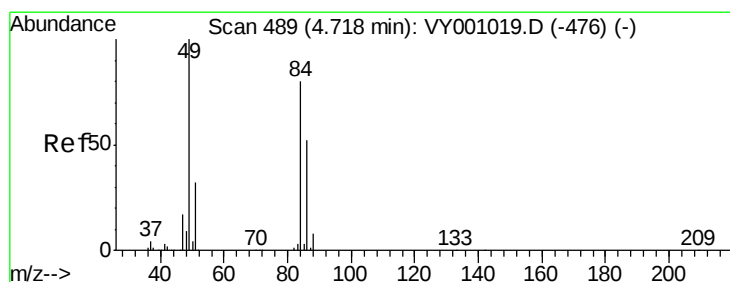
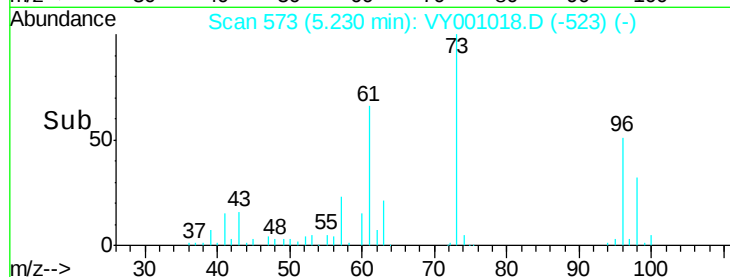
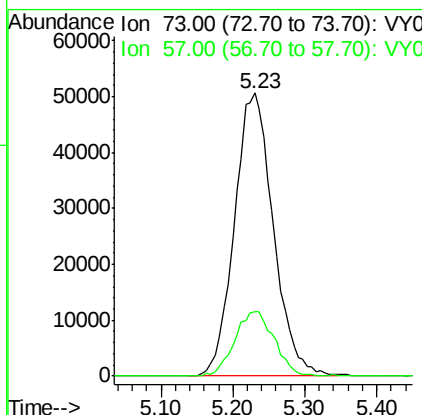
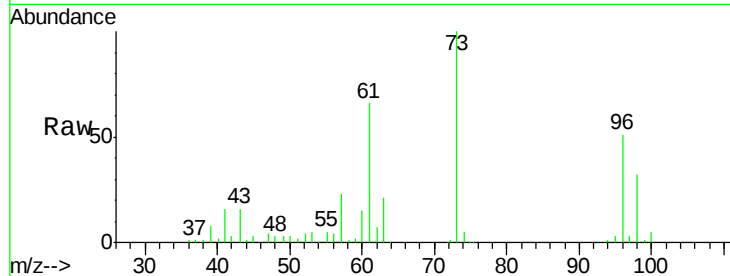
Methyl tert-butyl Ether
 Concen: 20.198 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	19.0	28.6

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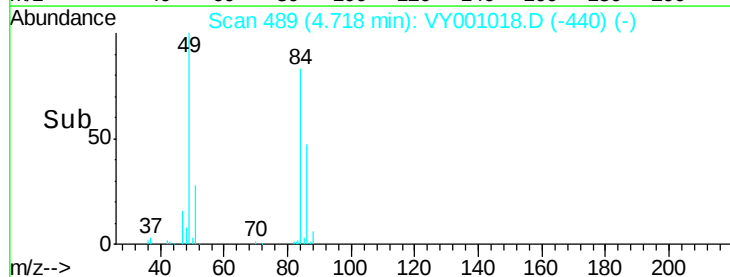
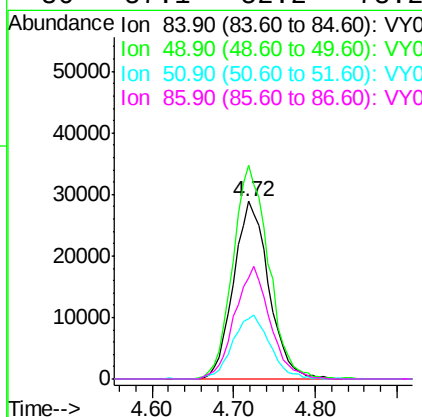
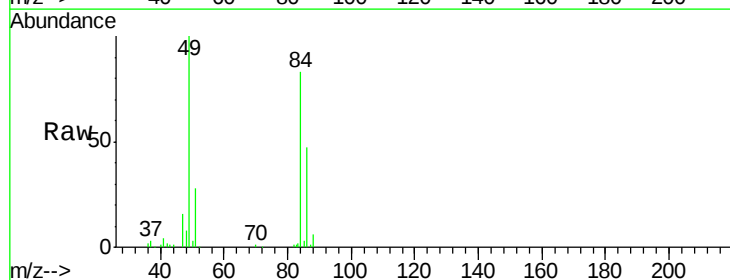
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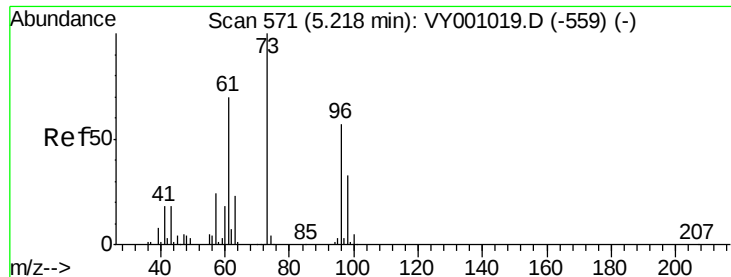


#20

Methylene Chloride
 Concen: 20.188 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	99.8	149.6
51	34.0	31.4	47.2
86	57.1	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 20.369 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

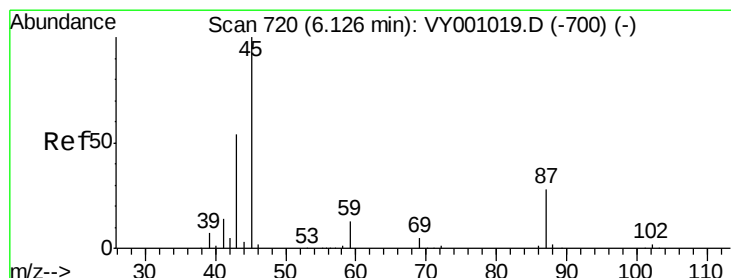
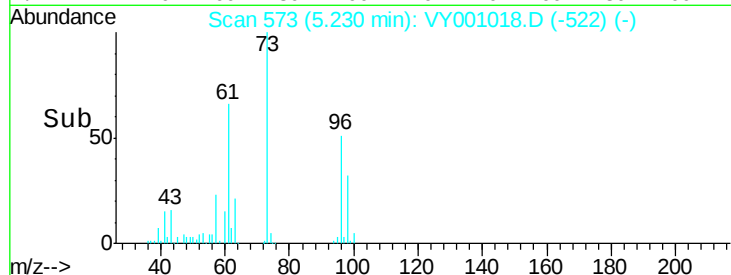
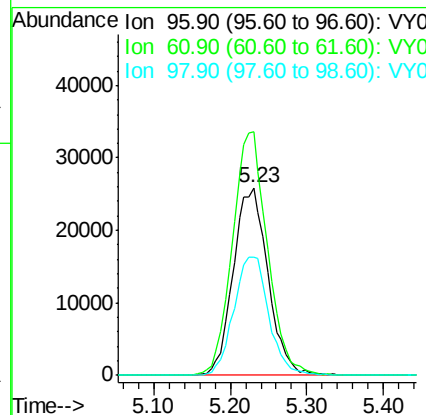
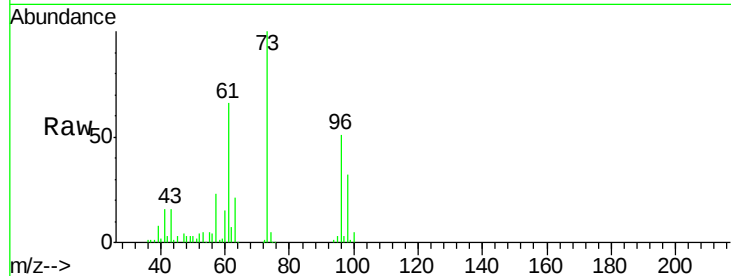
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	81440
Ion	Ratio	Lower	Upper
96	100		
61	129.6	98.1	147.1
98	63.1	47.2	70.8

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#22

Diisopropyl ether

Concen: 20.402 ug/l

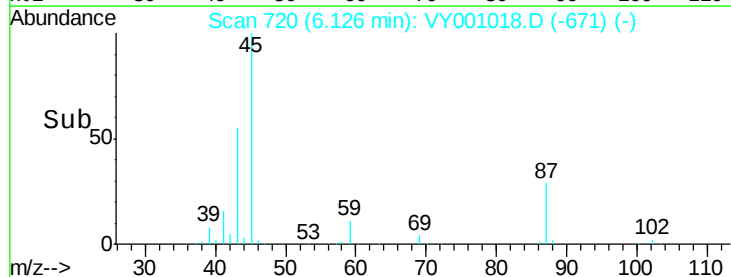
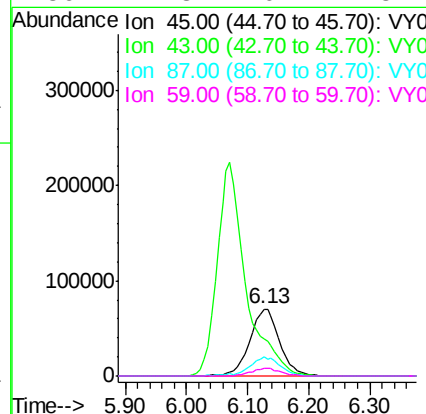
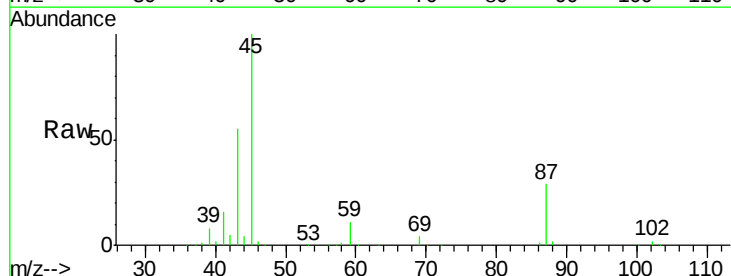
RT: 6.13 min Scan# 720

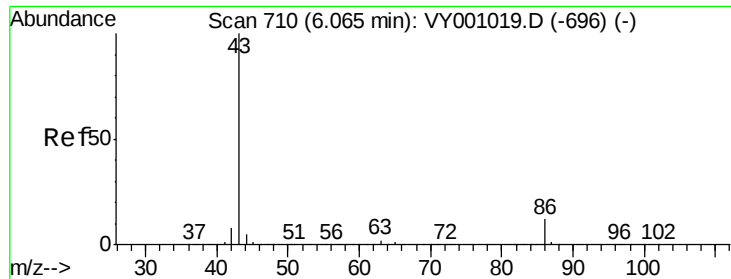
Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Tgt Ion:	45	Resp:	239096
Ion	Ratio	Lower	Upper
45	100		
43	54.6	43.6	65.4
87	28.8	23.1	34.7
59	11.3	10.2	15.4





#23

Vinyl Acetate

Concen: 100.006 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 734750

Ion Ratio Lower Upper

43 100

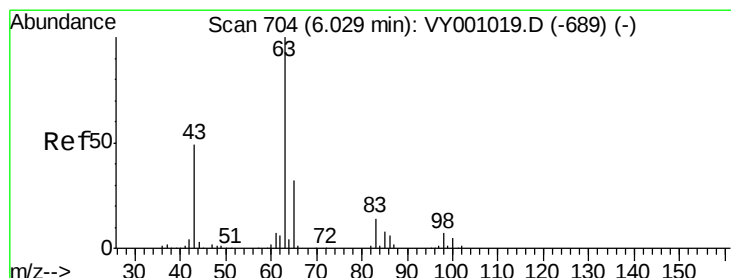
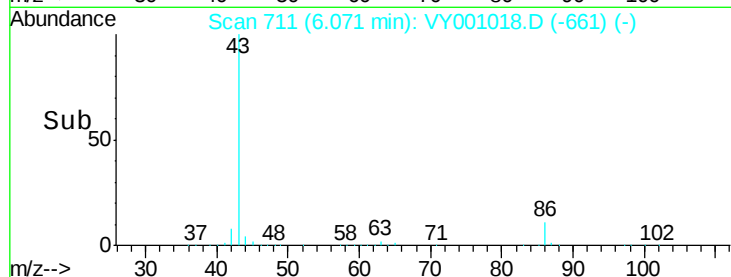
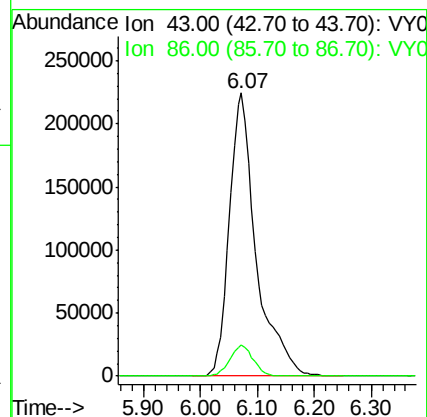
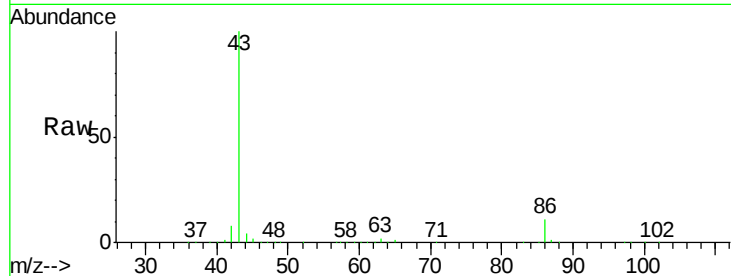
86 10.9 9.5 14.3

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#24

1,1-Dichloroethane

Concen: 19.931 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

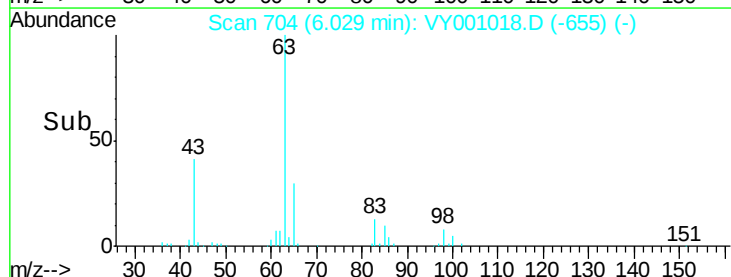
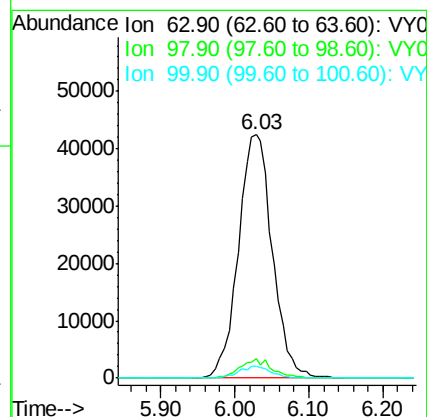
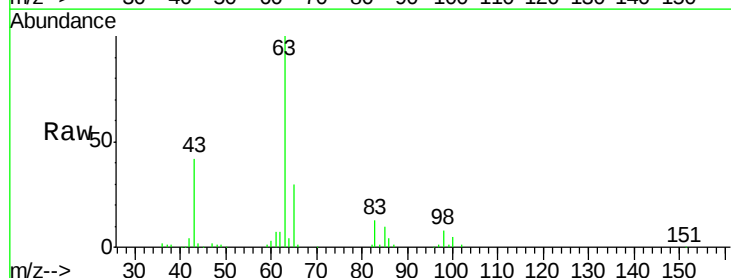
Tgt Ion: 63 Resp: 135391

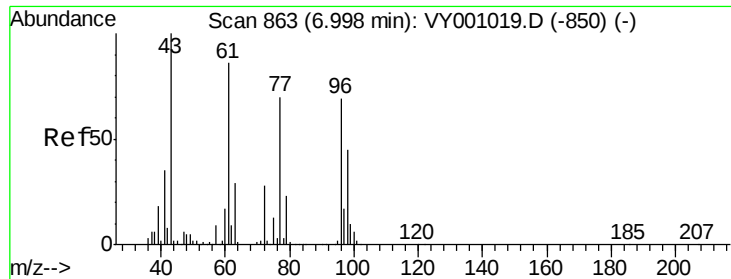
Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 98.255 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 130741

Ion Ratio Lower Upper

43 100

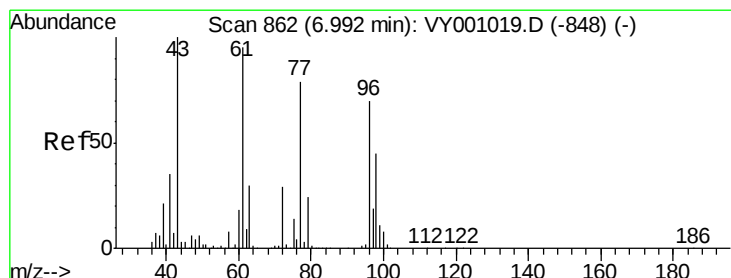
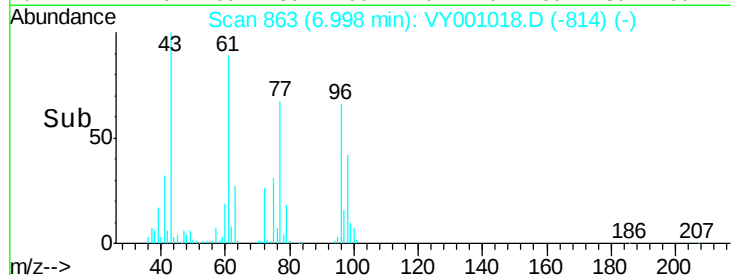
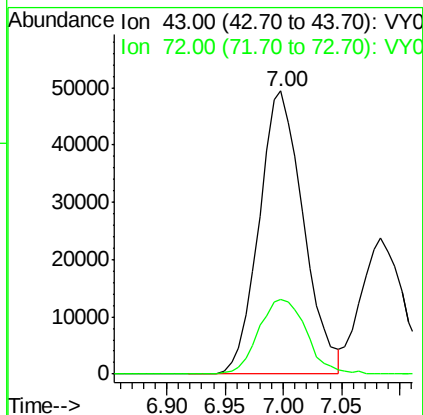
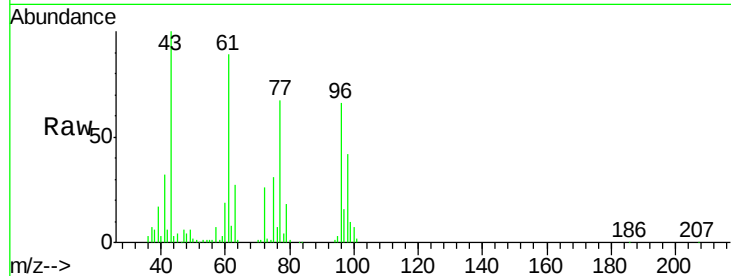
72 26.2 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 19.377 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001018.D

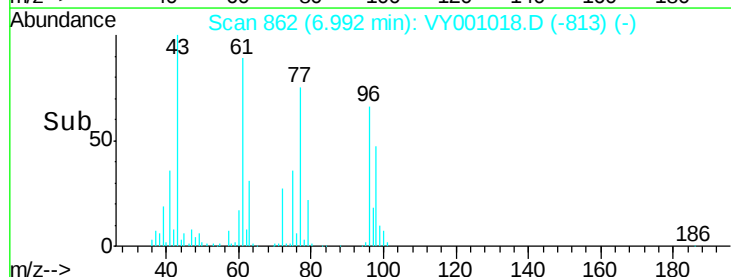
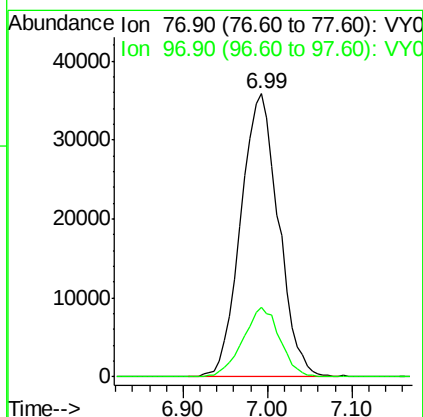
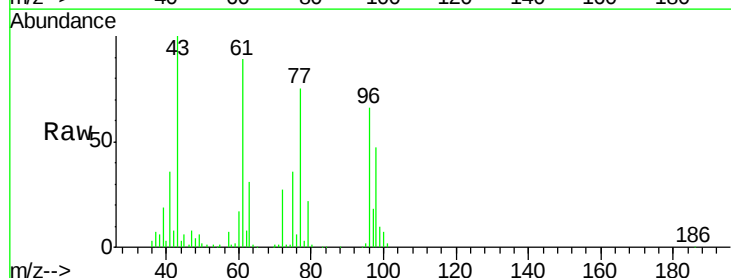
Acq: 23 Dec 2019 10:44

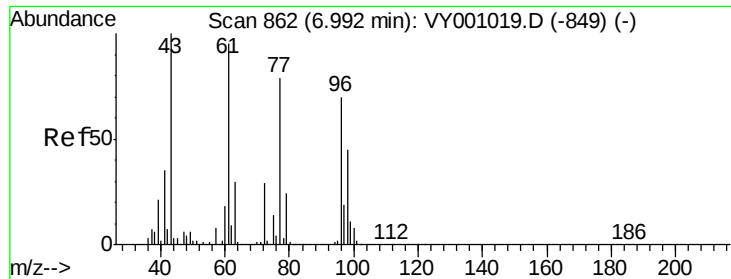
Tgt Ion: 77 Resp: 109049

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

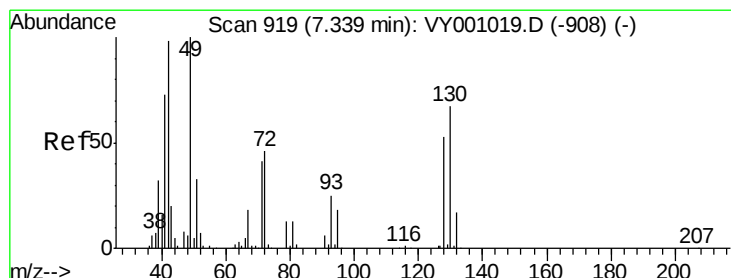
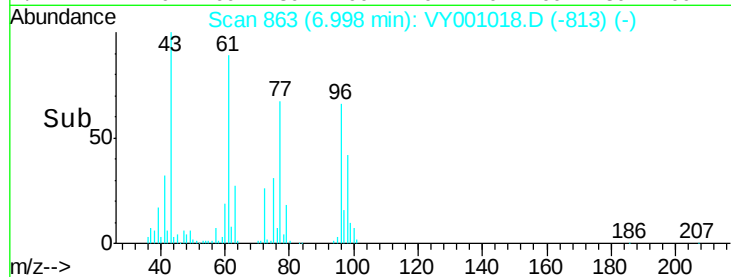
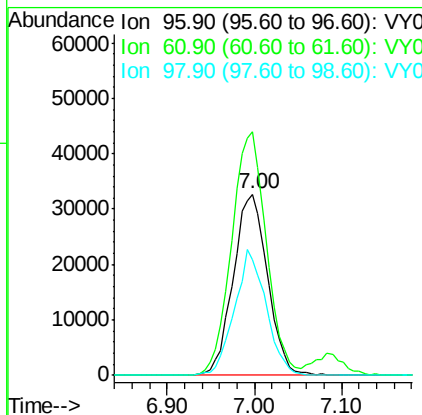
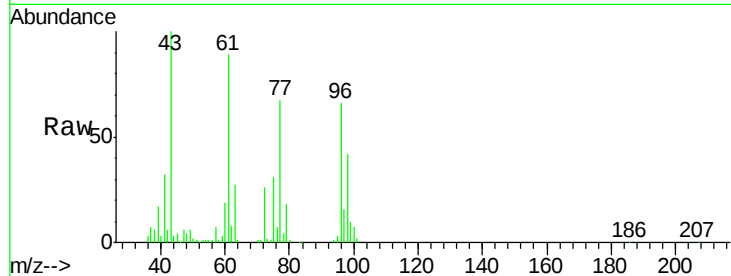
cis-1,2-Dichloroethene
Concen: 20.246 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	268.2
98	64.0	0.0	129.2

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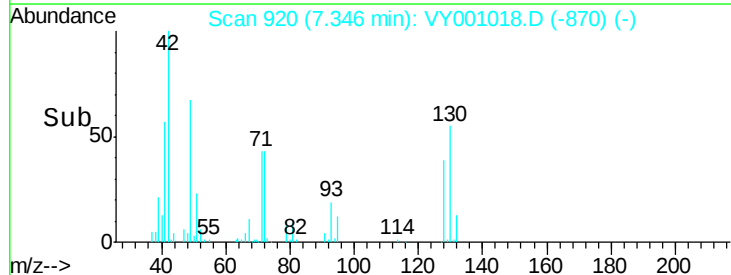
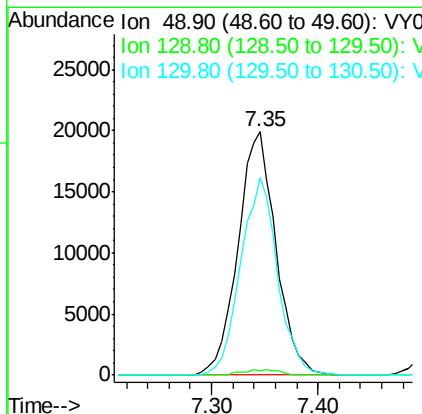
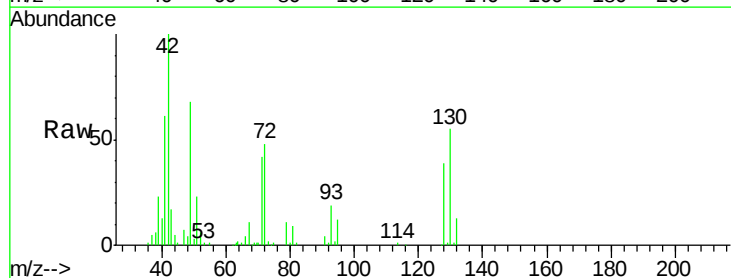
apatel
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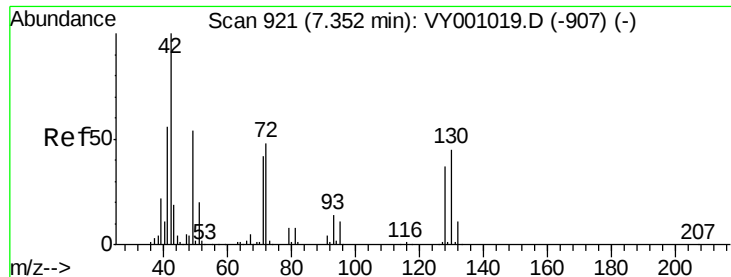


#28

Bromochloromethane
Concen: 18.958 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	78.8	60.4	90.6





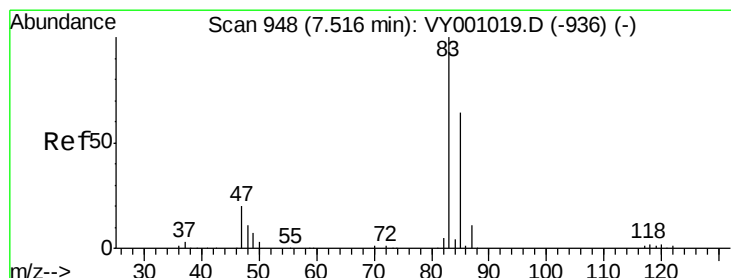
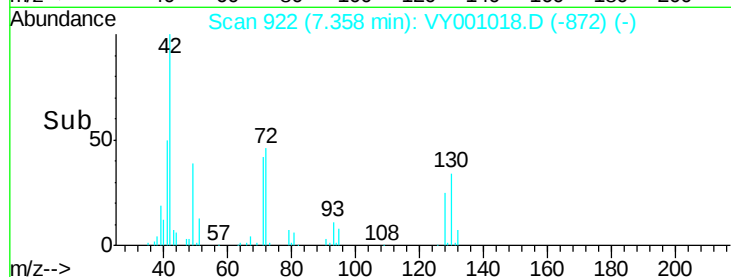
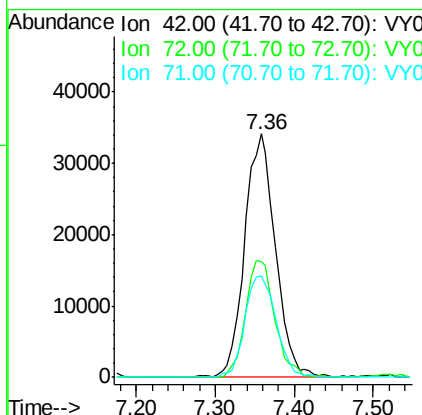
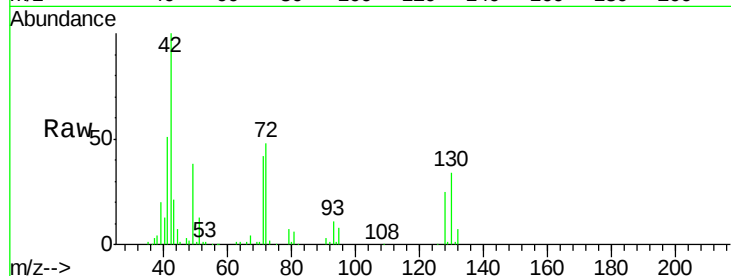
#29
Tetrahydrofuran
Concen: 99.220 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.7	56.5
71	42.4	34.6	51.8

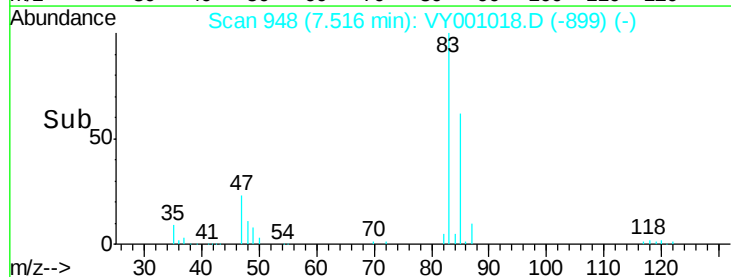
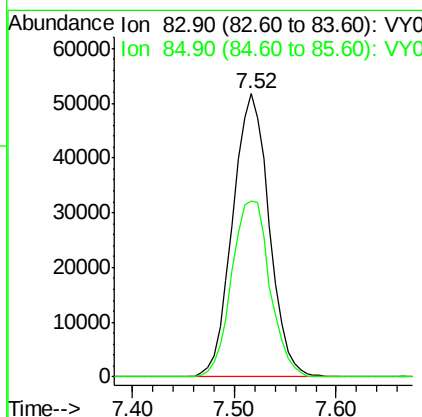
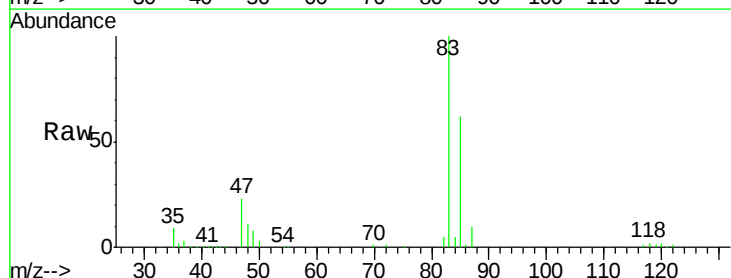
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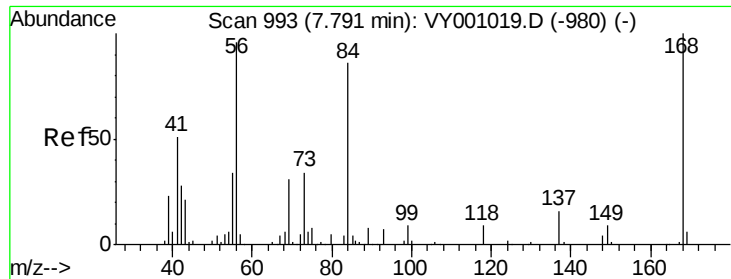
apatel
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#30
Chloroform
Concen: 19.929 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.6	77.4





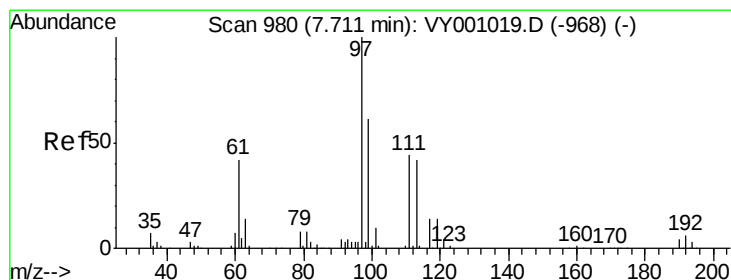
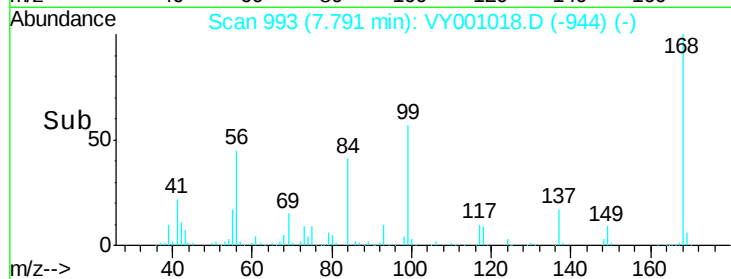
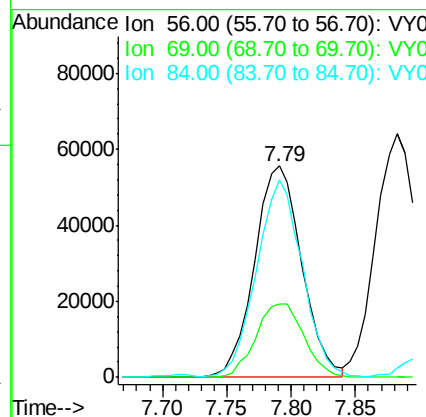
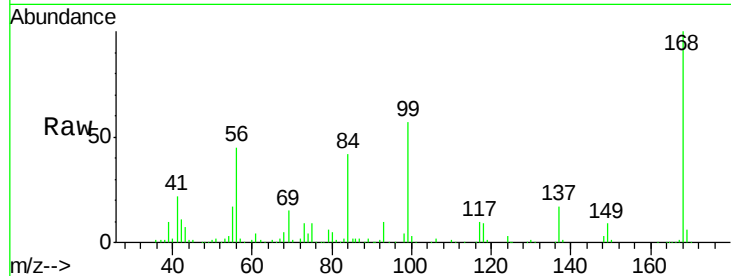
#31
Cyclohexane
Concen: 19.689 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.1	39.1
84	92.4	71.8	107.8

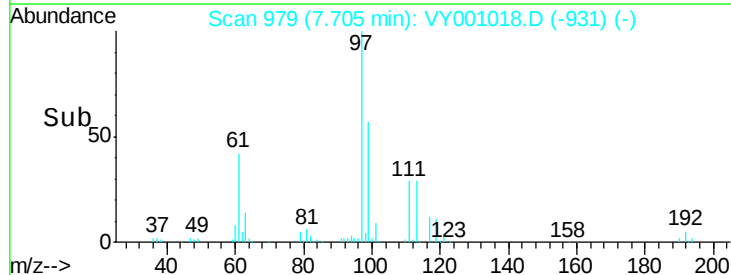
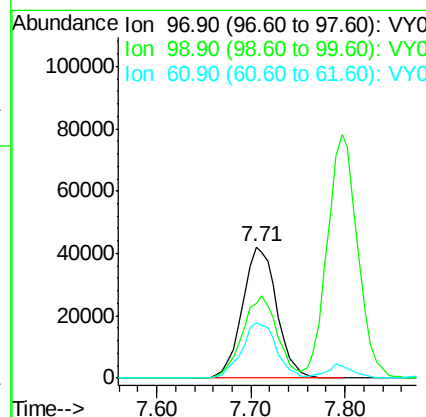
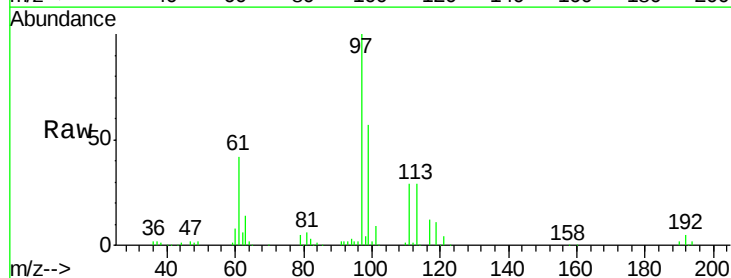
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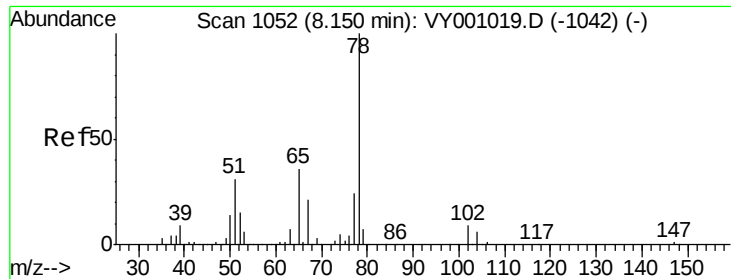
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#32
1,1,1-Trichloroethane
Concen: 19.516 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	42.6	33.0	49.6





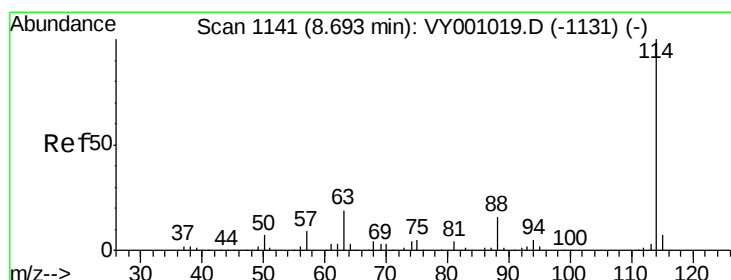
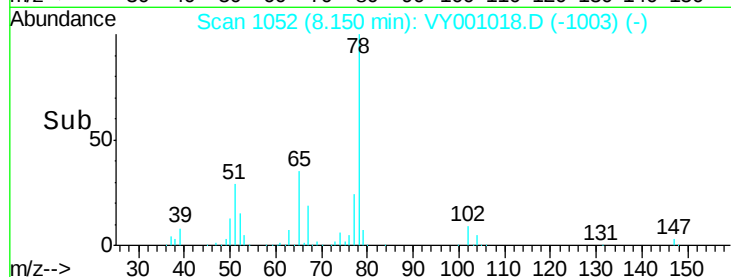
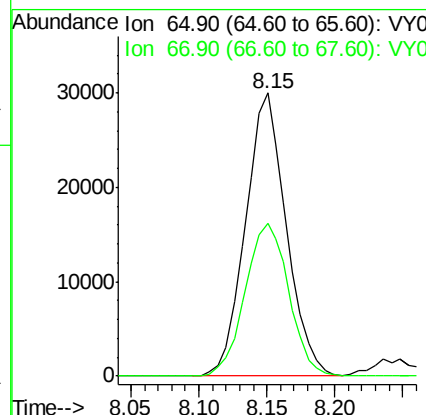
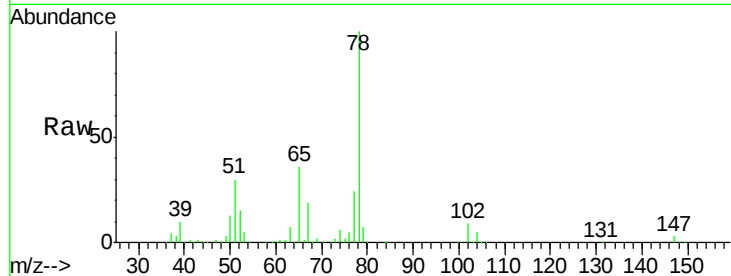
#33
 1,2-Dichloroethane-d4
 Concen: 19.721 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	62820		
67	57.8	0.0	112.8	

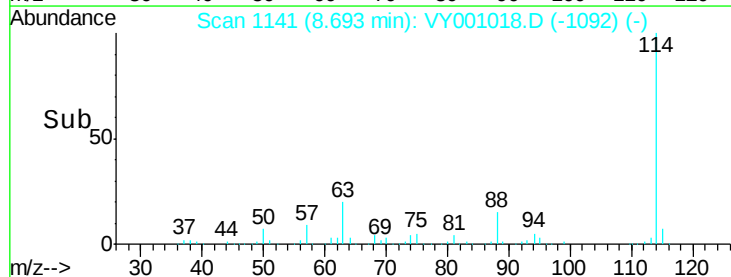
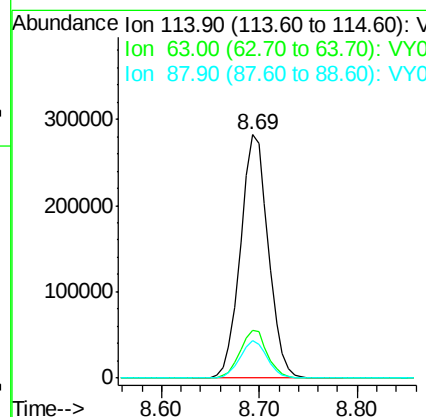
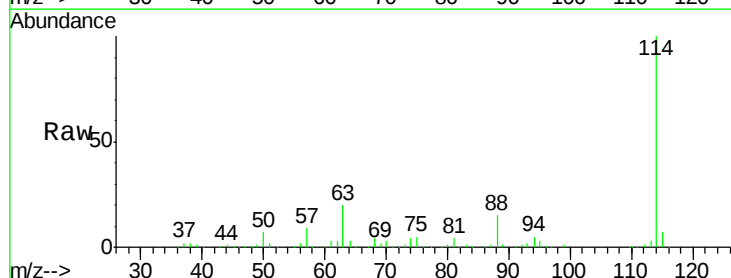
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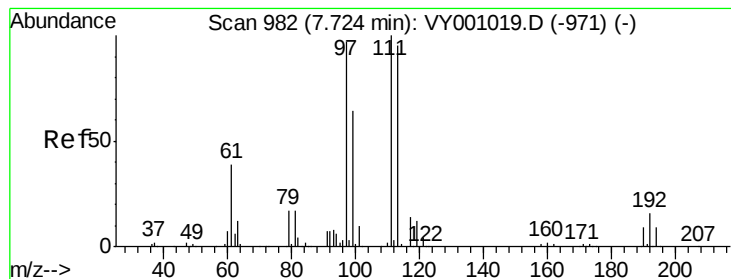
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	556191		
63	19.5	0.0	37.0	
88	15.3	0.0	32.0	





#35

Dibromofluoromethane

Concen: 21.581 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

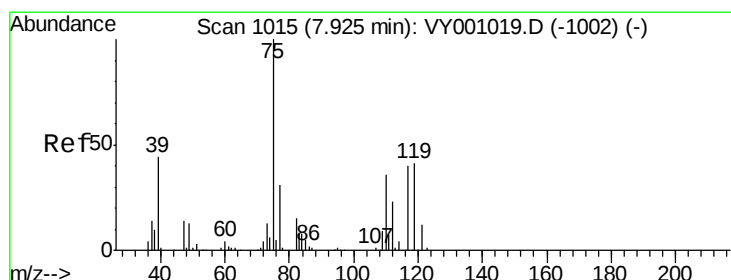
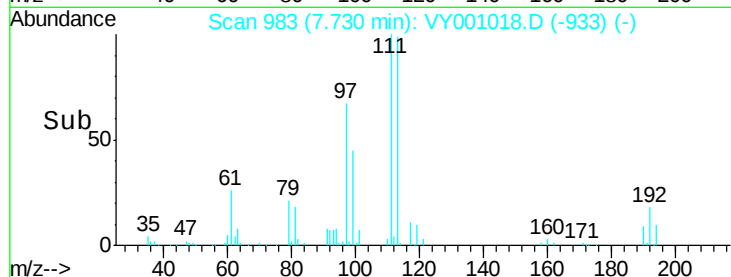
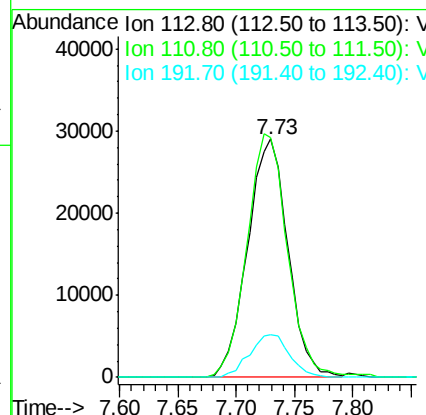
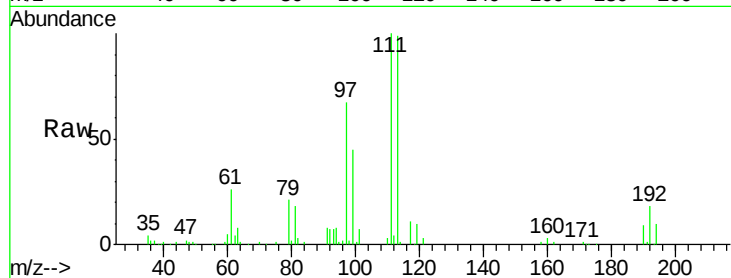
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	70126
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.4
192	17.7	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 19.922 ug/l

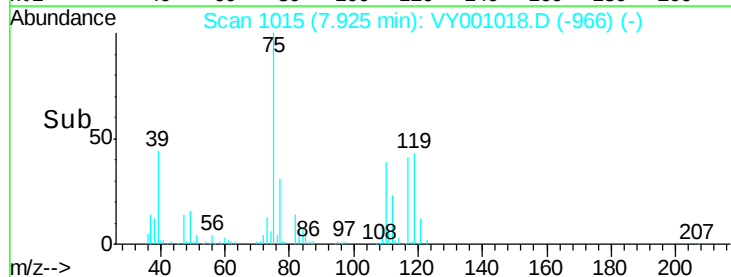
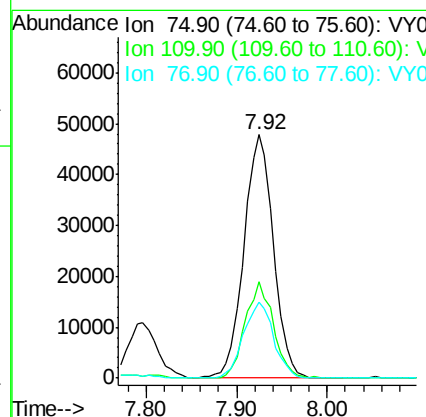
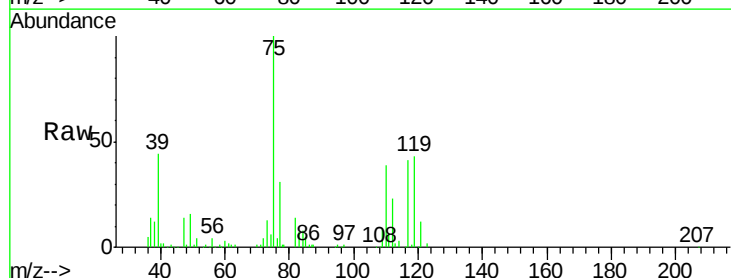
RT: 7.92 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Tgt Ion:	75	Resp:	107575
Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.1	54.4
77	31.8	24.6	37.0





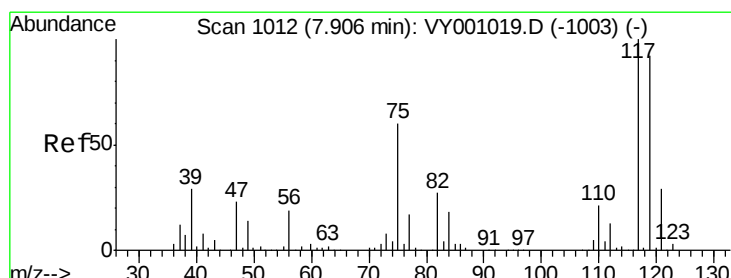
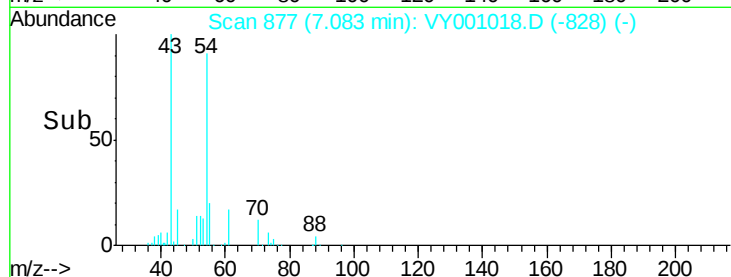
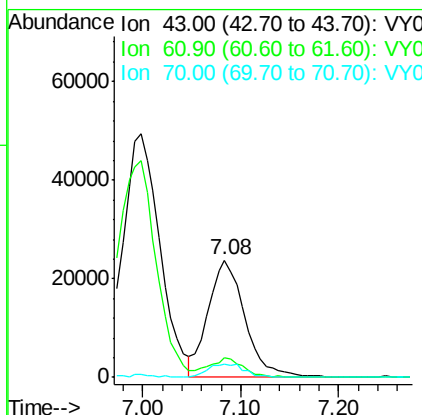
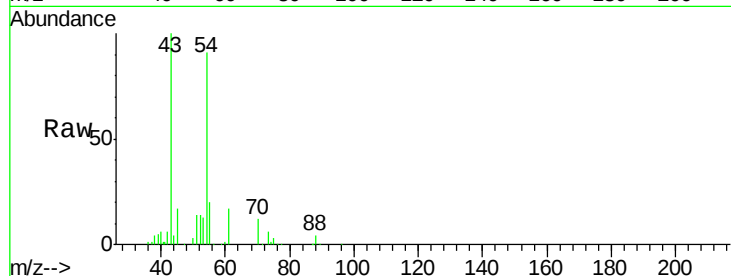
#37
Ethyl Acetate
Concen: 20.539 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	11.6	9.0	13.4

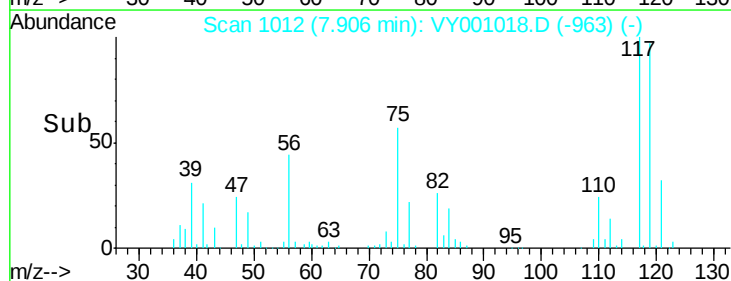
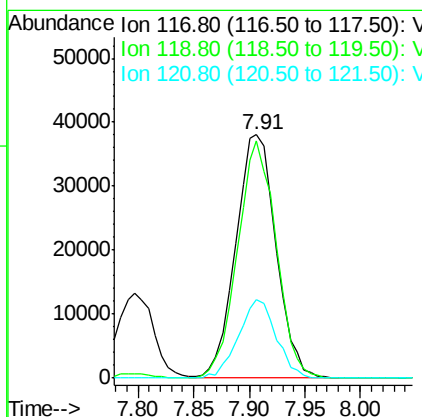
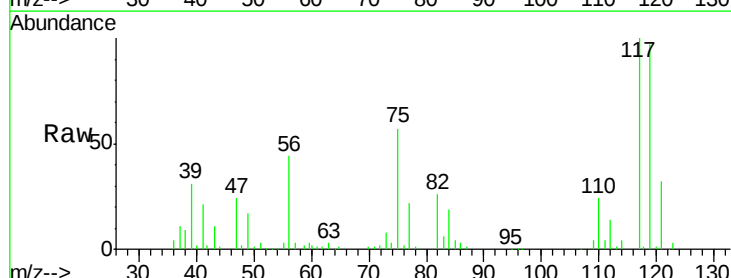
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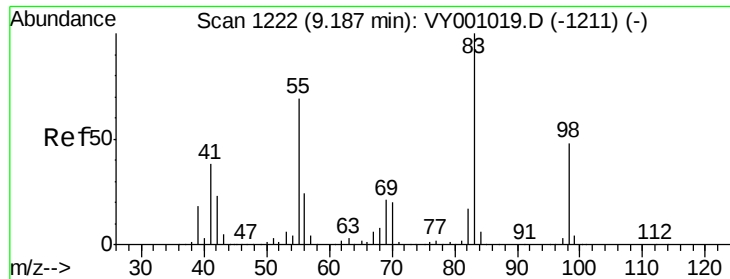
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#38
Carbon Tetrachloride
Concen: 20.238 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	74.2	111.2
121	32.3	22.9	34.3





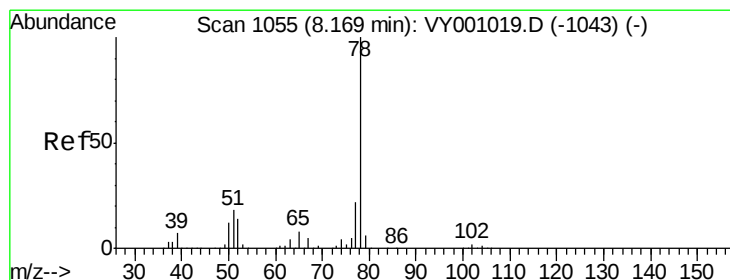
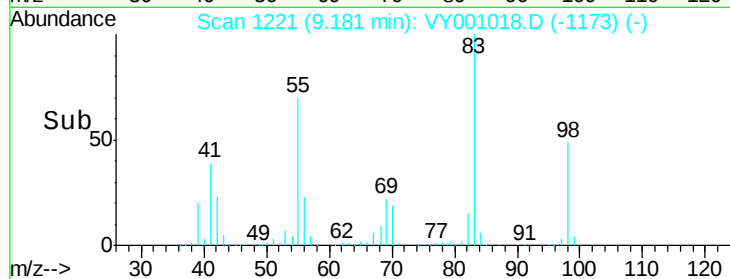
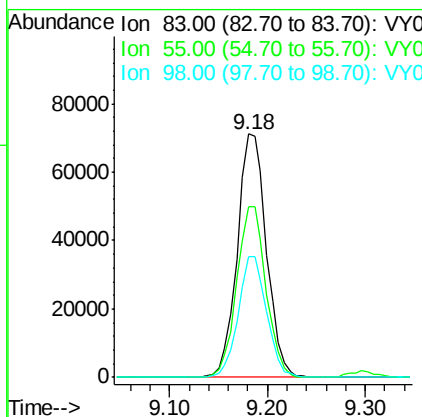
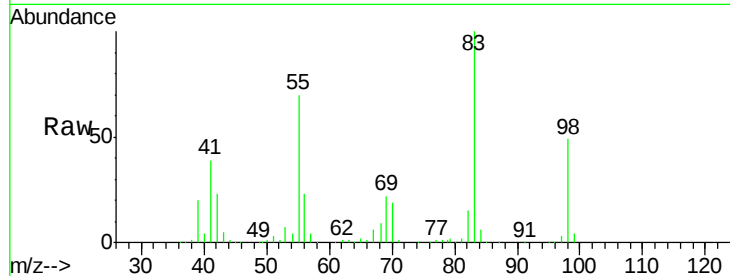
#39
Methvlcvclohexane
Concen: 20.486 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	146737
Ion Ratio	100	Lower	Upper
83	100		
55	70.3	55.1	82.7
98	49.5	38.3	57.5

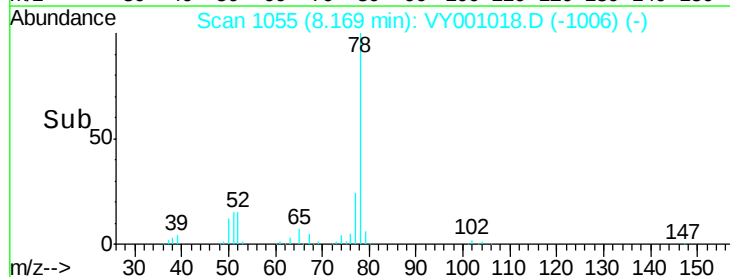
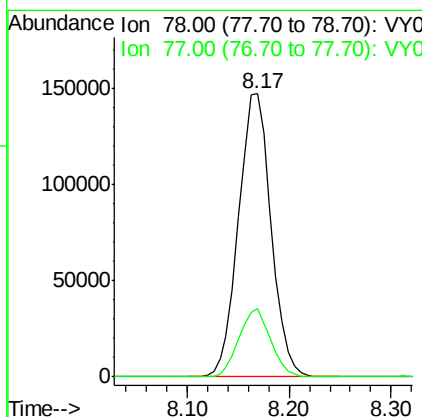
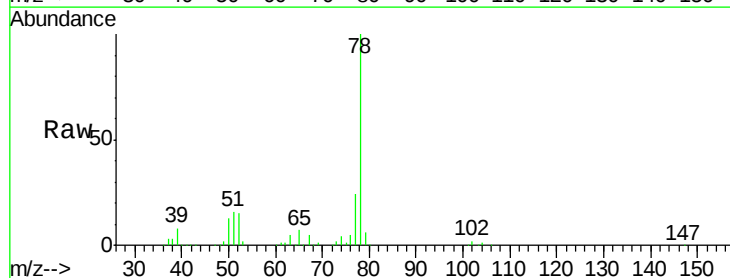
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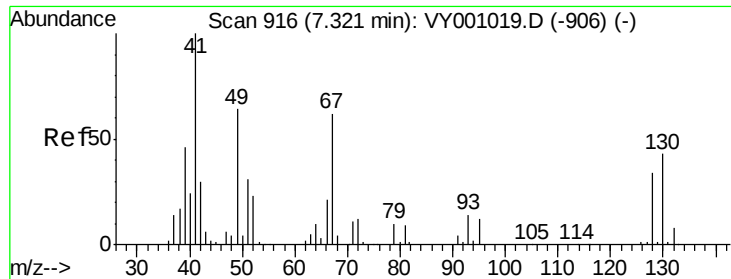
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#40
Benzene
Concen: 20.320 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	78	Resp	327639
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	17.7	26.5





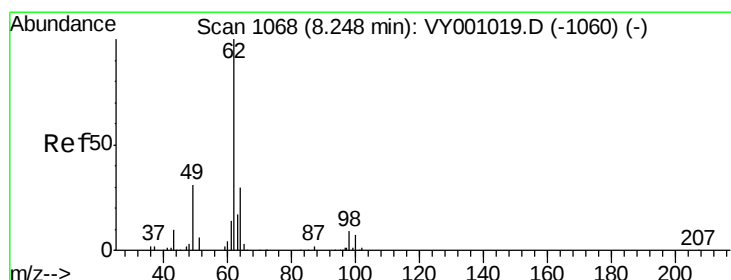
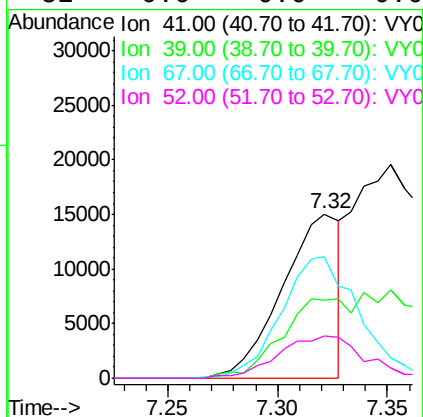
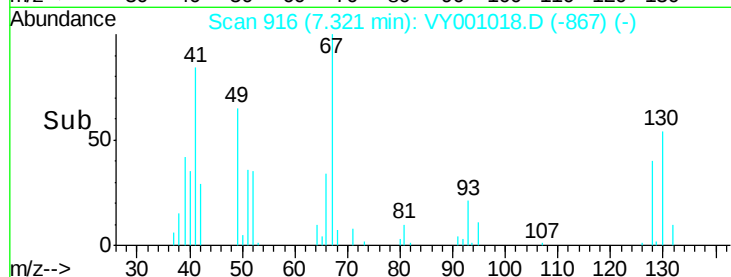
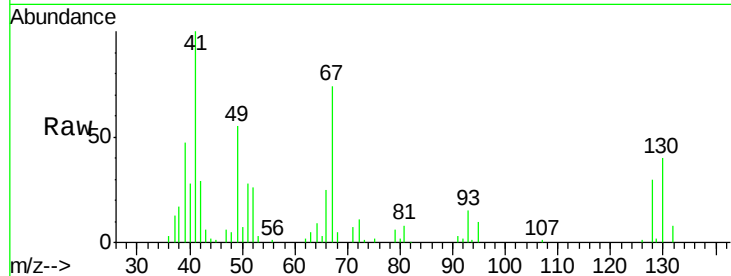
#41
Methacrylonitrile
Concen: 9.872 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		27674		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

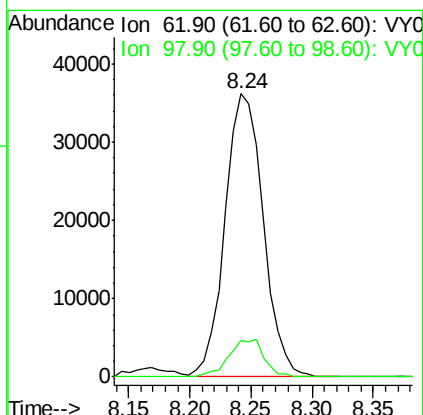
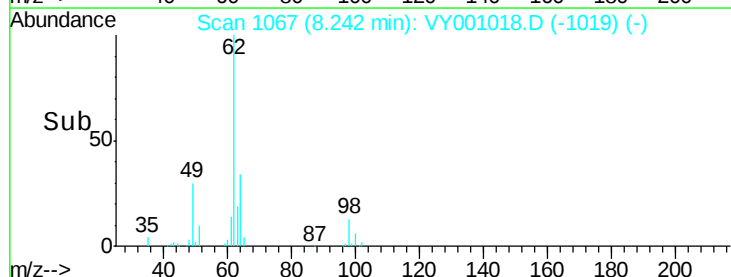
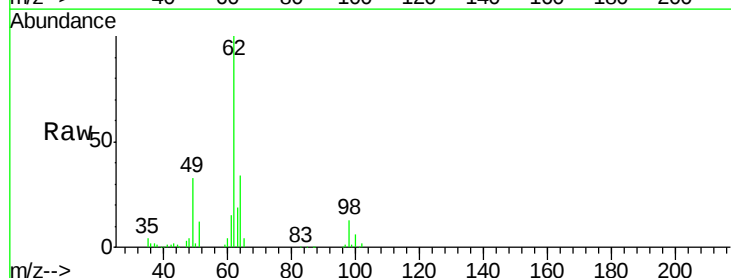
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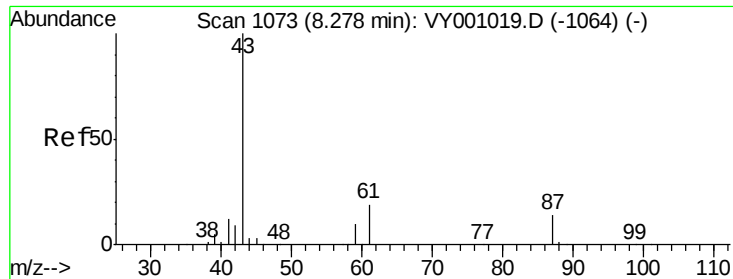
apatel
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#42
1,2-Dichloroethane
Concen: 19.899 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		78365		
98	12.3	0.0	23.4		





#43

Isopropyl Acetate

Concen: 19.600 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 109478

Ion Ratio Lower Upper

43 100

61 33.2 25.0 37.6

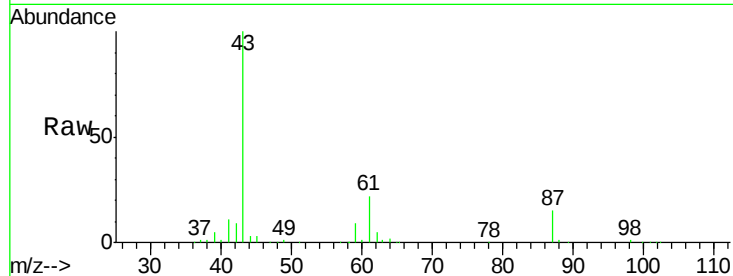
87 15.5 12.0 18.0

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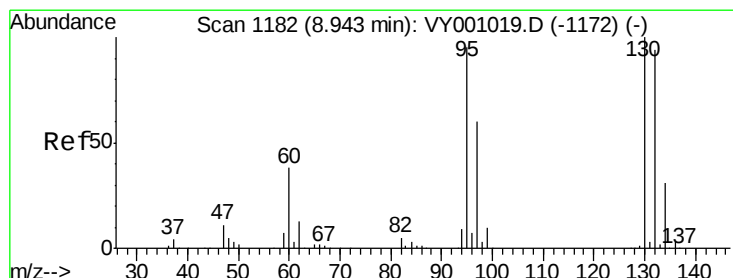
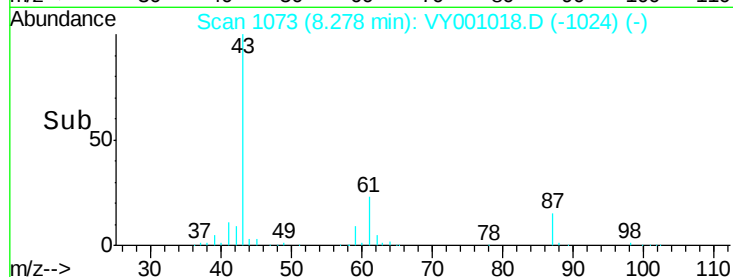
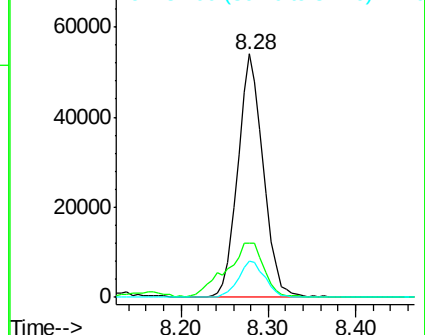
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Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)



#44

Trichloroethene

Concen: 20.548 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001018.D

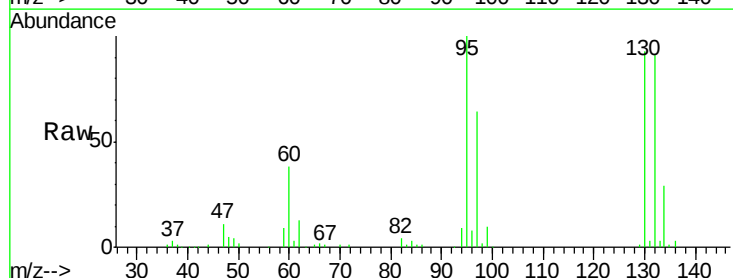
Acq: 23 Dec 2019 10:44

Tgt Ion:130 Resp: 86674

Ion Ratio Lower Upper

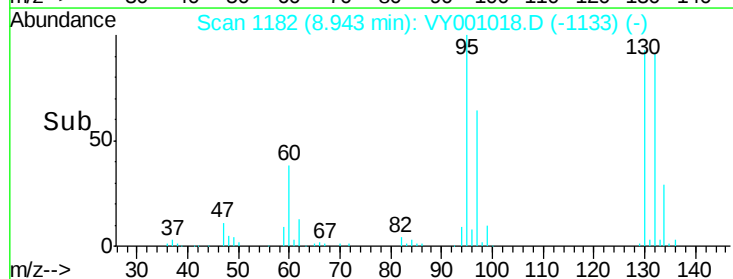
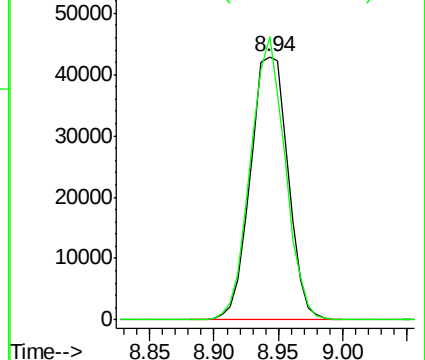
130 100

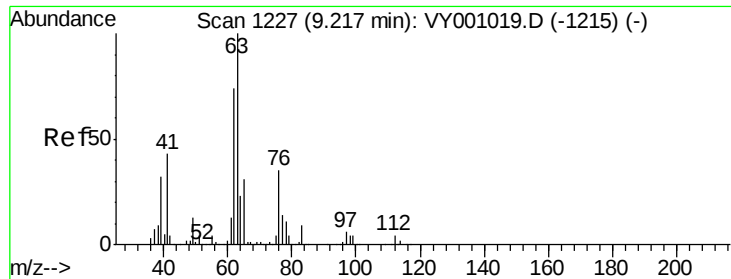
95 107.5 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 20.109 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 81392

Ion Ratio Lower Upper

63 100

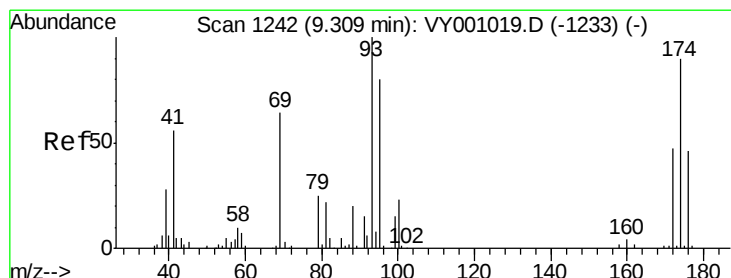
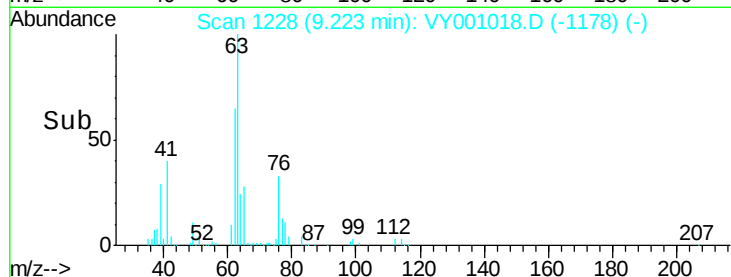
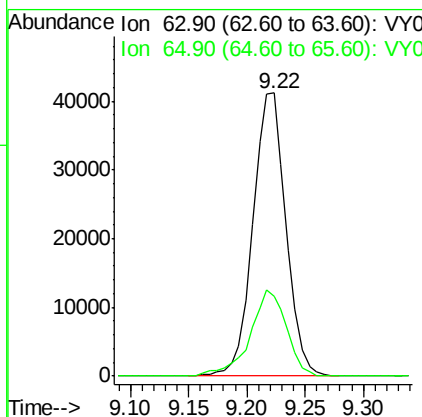
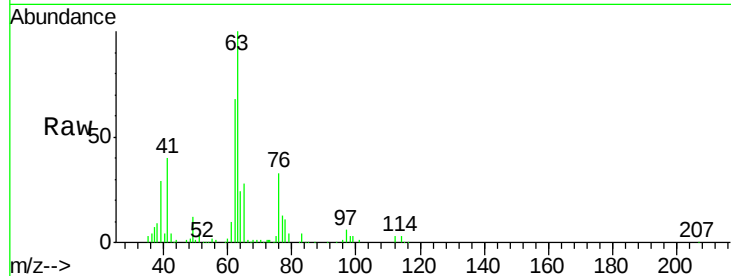
65 28.4 25.1 37.7

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#46

Dibromomethane

Concen: 20.334 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

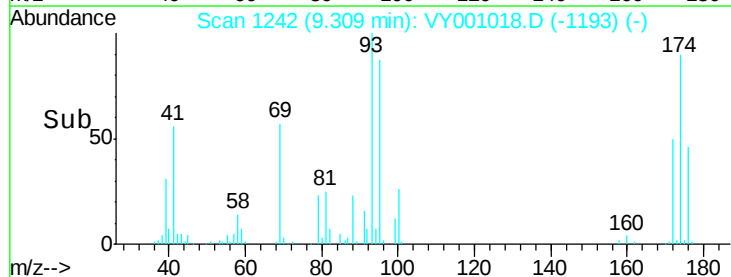
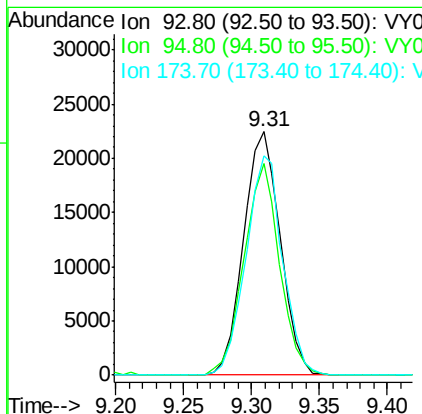
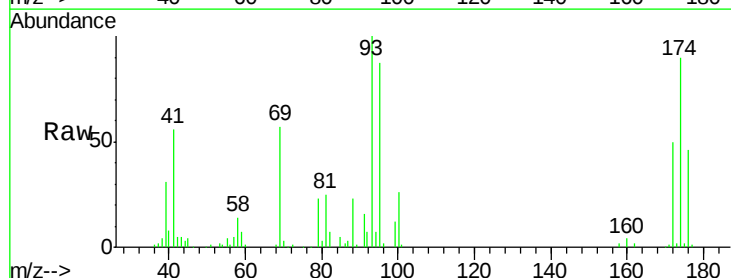
Tgt Ion: 93 Resp: 42389

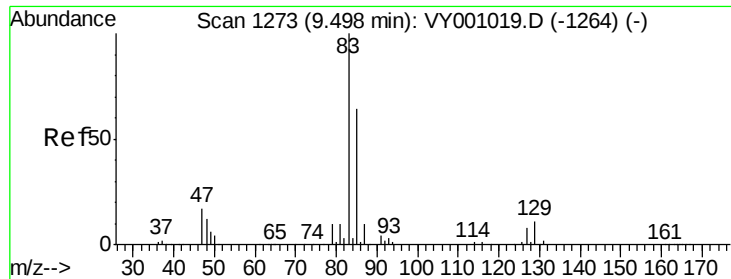
Ion Ratio Lower Upper

93 100

95 84.5 66.7 100.1

174 90.3 73.6 110.4





#47

Bromodichloromethane

Concen: 19.360 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

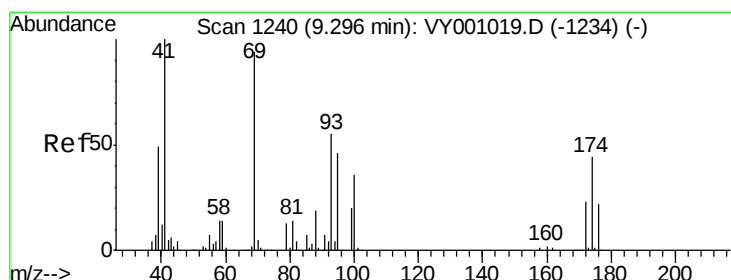
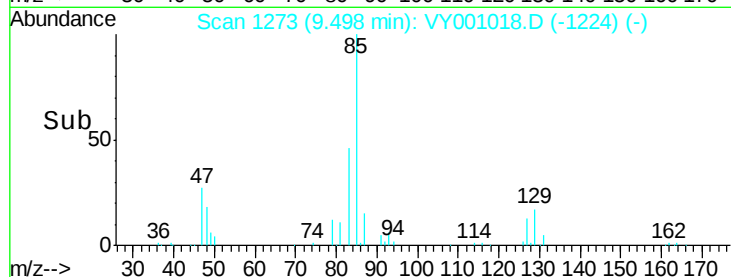
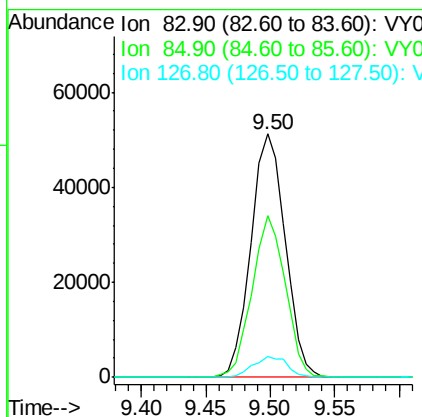
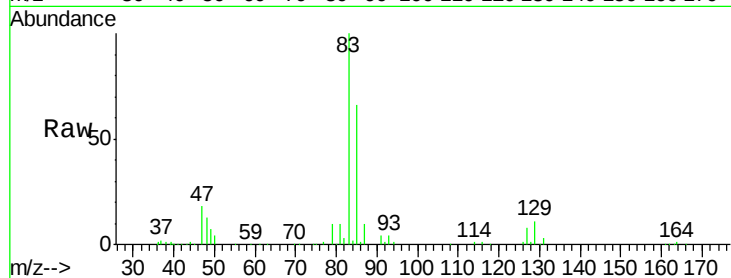
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	94308
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.9	76.3
127	8.4	6.4	9.6

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#48

Methyl methacrylate

Concen: 19.346 ug/l

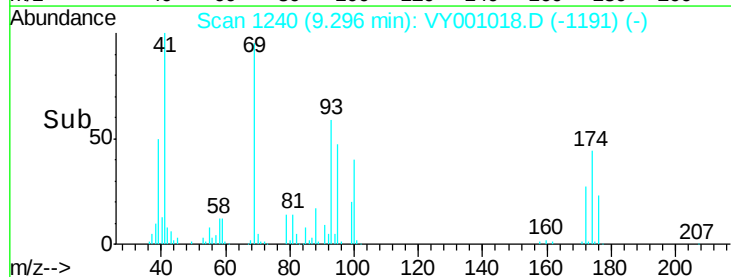
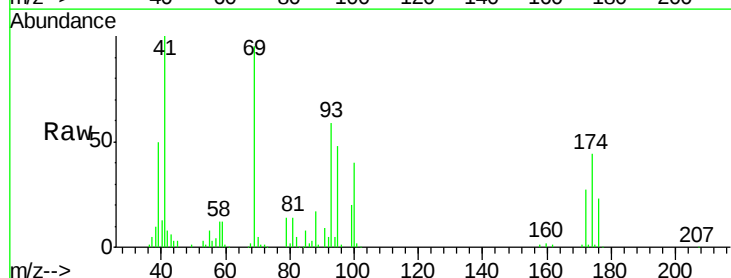
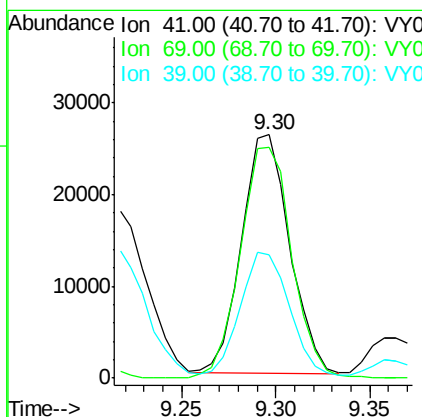
RT: 9.30 min Scan# 1240

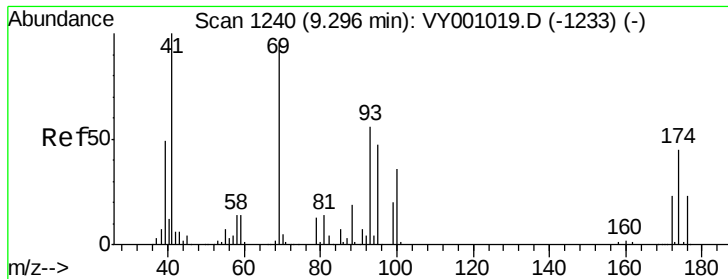
Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Tgt Ion:	41	Resp:	46425
Ion	Ratio	Lower	Upper
41	100		
69	102.8	79.8	119.6
39	54.7	41.7	62.5





#49

1,4-Dioxane

Concen: 382.979 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

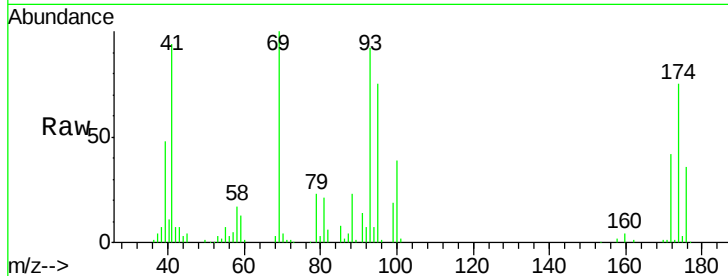
ClientSampleId :

VSTDIC020

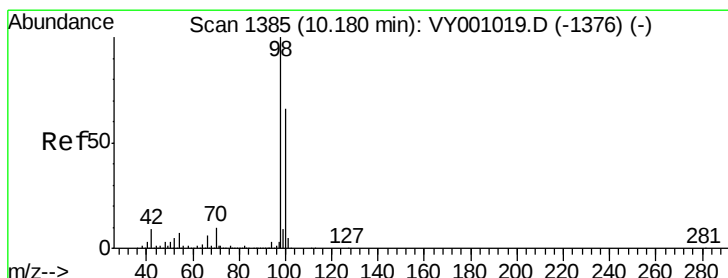
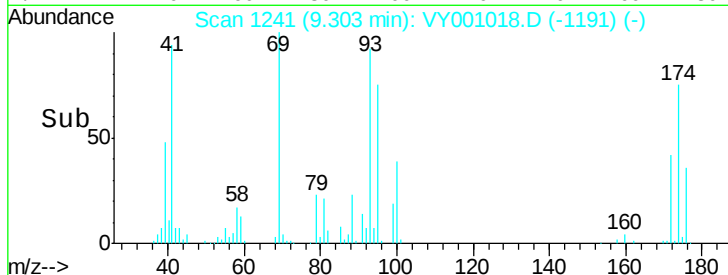
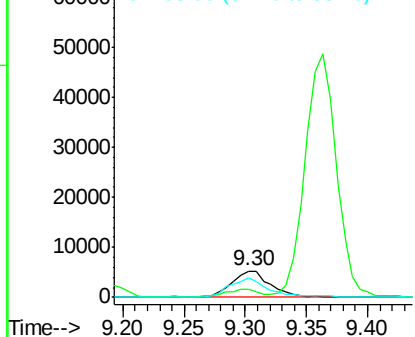
Tot Ion:	88	Resp:	11507
Ion	Ratio	Lower	Upper
88	100		
43	28.7	23.0	34.4
58	76.7	54.9	82.3

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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



#50

Toluene-d8

Concen: 19.125 ug/l

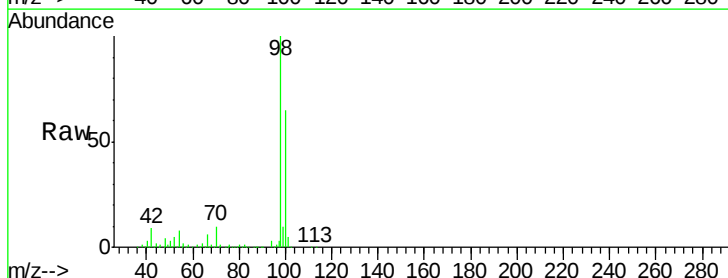
RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

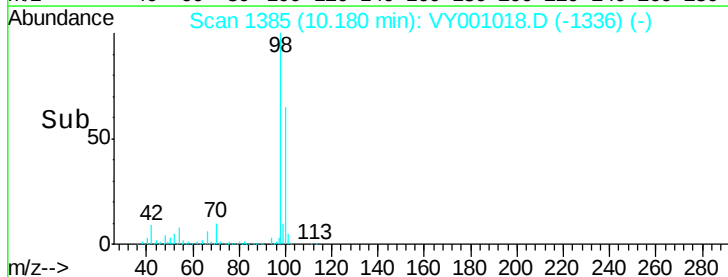
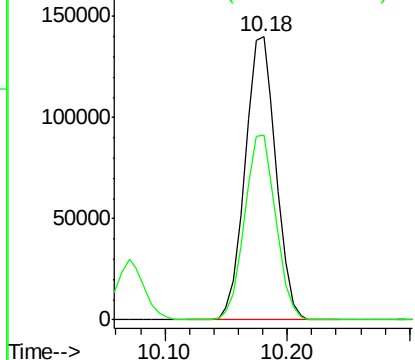
Lab File: VY001018.D

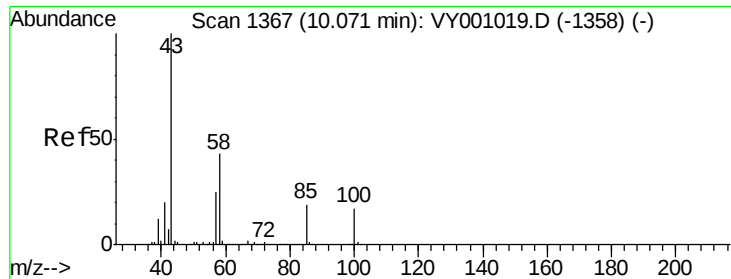
Acq: 23 Dec 2019 10:44

Tgt Ion:	98	Resp:	244240
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



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: 99.463 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 291304

Ion Ratio Lower Upper

43 100

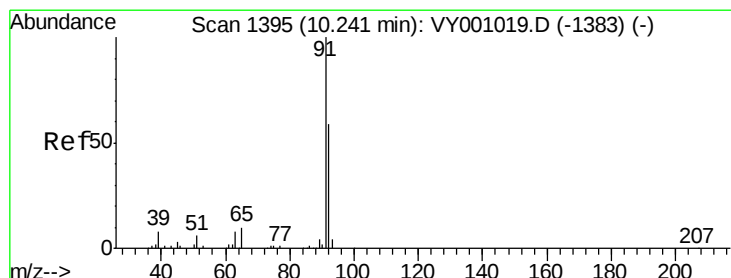
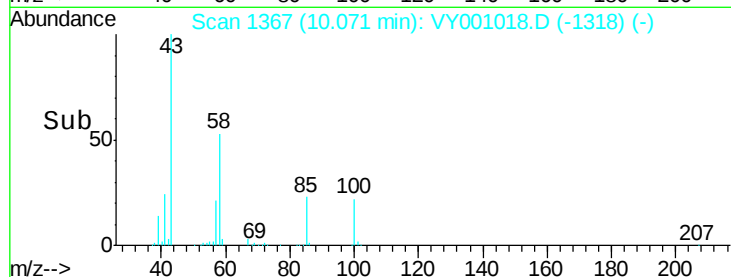
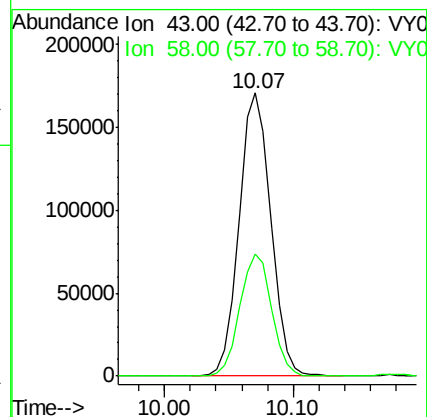
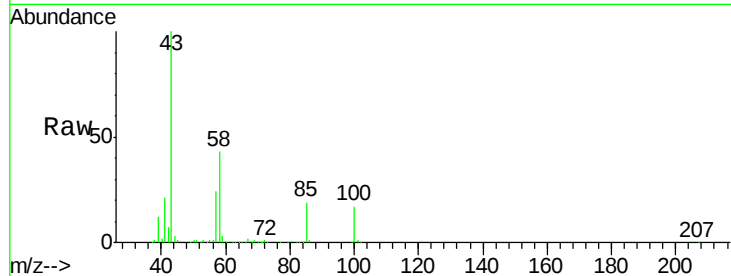
58 43.2 34.6 52.0

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#52

Toluene

Concen: 20.343 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001018.D

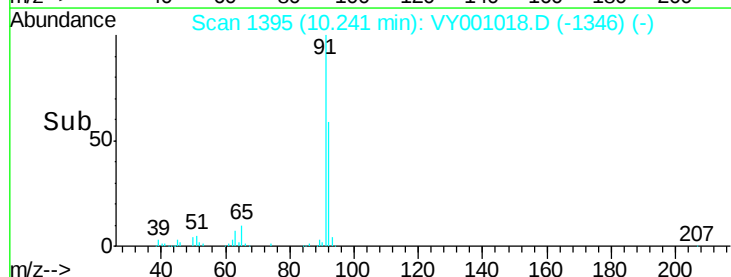
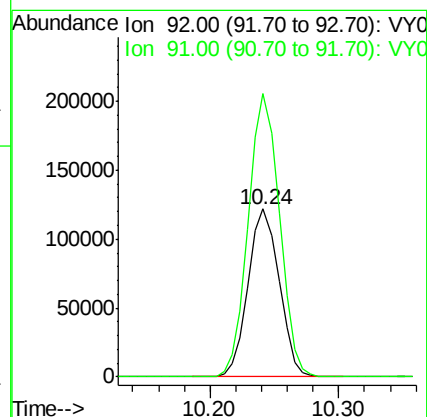
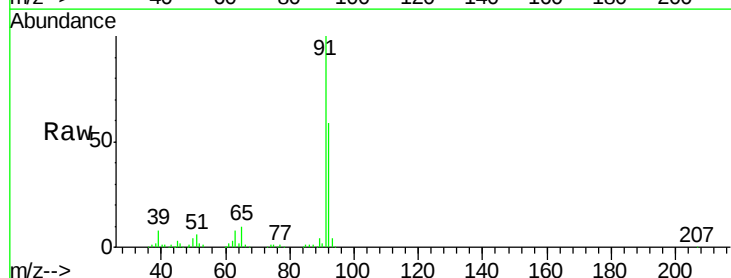
Acq: 23 Dec 2019 10:44

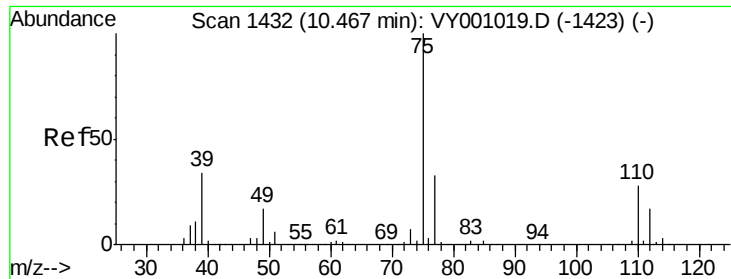
Tgt Ion: 92 Resp: 203001

Ion Ratio Lower Upper

92 100

91 169.0 135.7 203.5





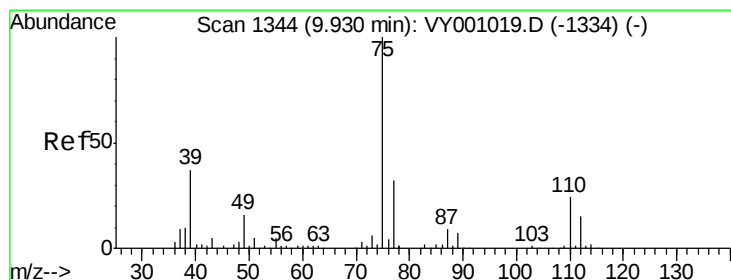
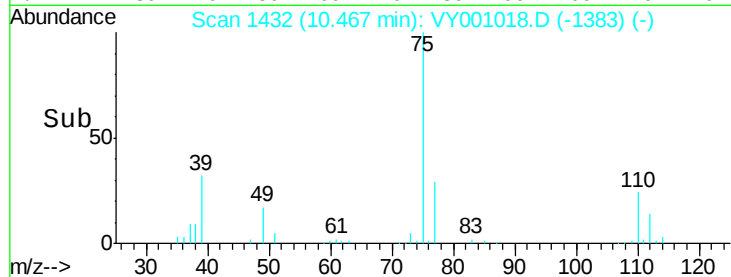
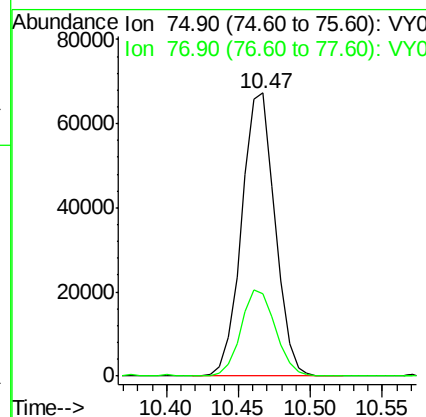
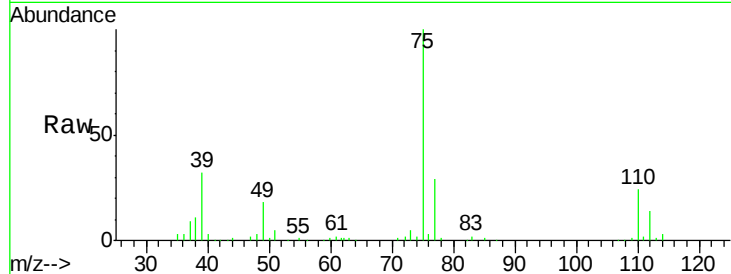
#53
t-1,3-Dichloropropene
Concen: 20.469 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 108079
Ion Ratio Lower Upper
75 100
77 29.1 26.5 39.7

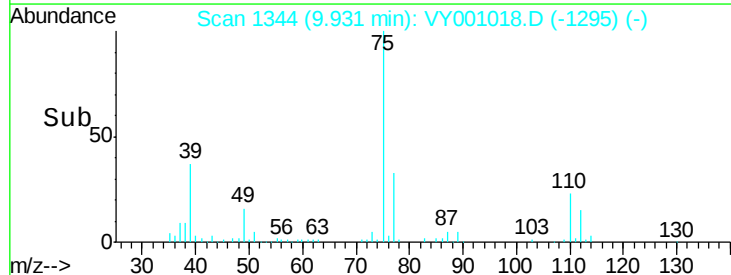
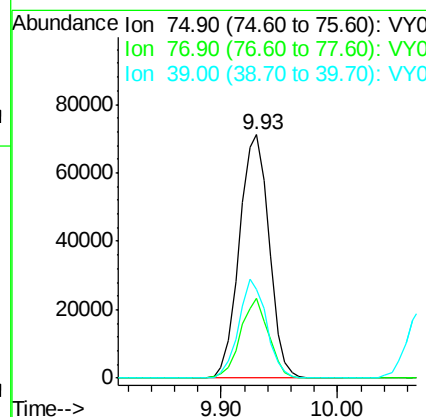
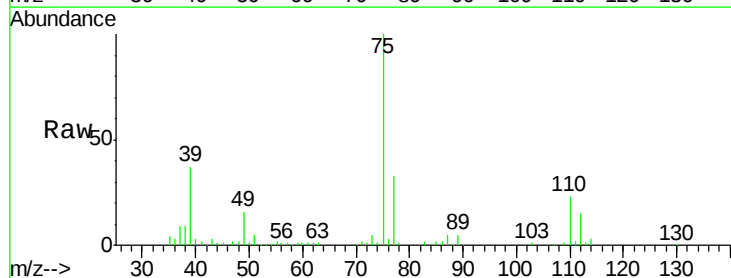
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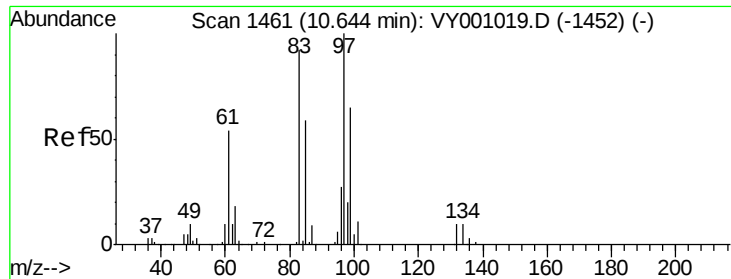
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#54
cis-1,3-Dichloropropene
Concen: 20.018 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion: 75 Resp: 126804
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8
39 36.7 29.5 44.3





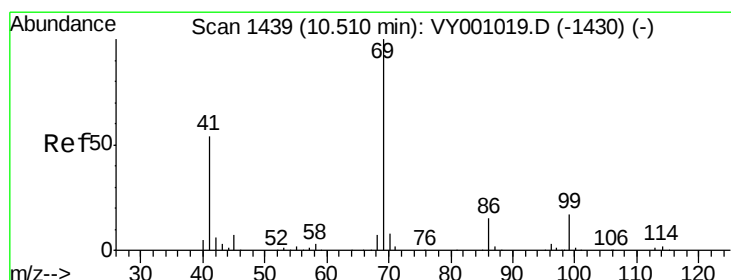
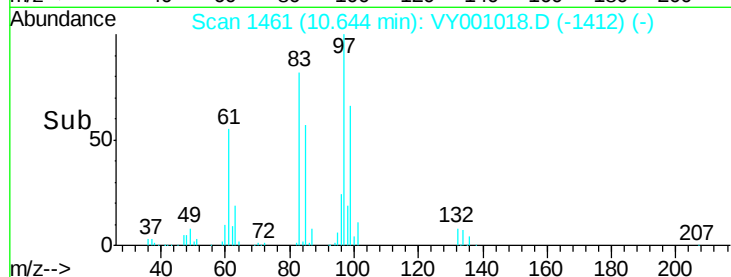
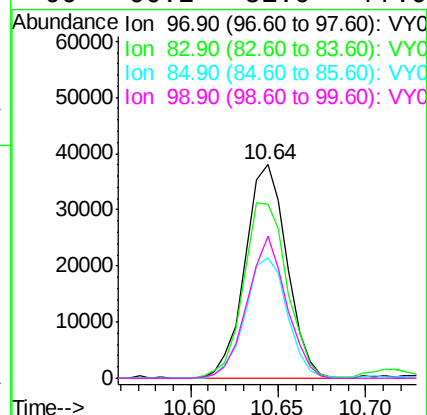
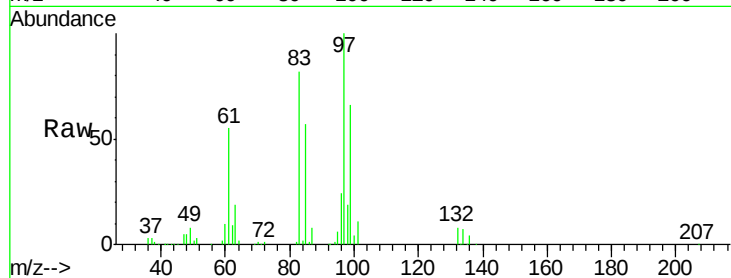
#55
 1,1,2-Trichloroethane
 Concen: 20.301 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.7	73.7	110.5
85	56.6	47.3	70.9
99	66.2	51.9	77.9

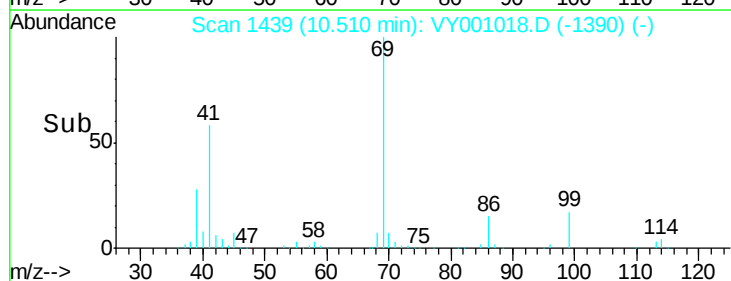
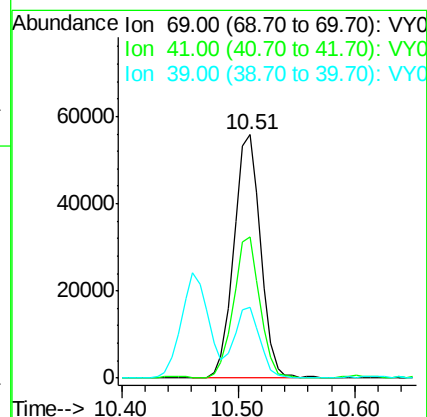
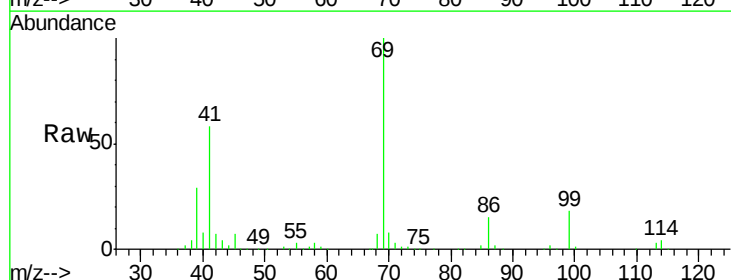
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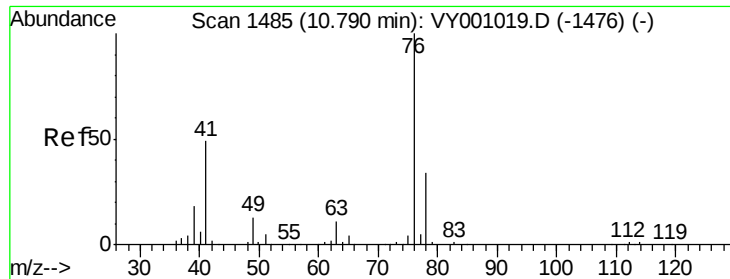
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#56
 Ethyl methacrylate
 Concen: 19.969 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.6	44.7	67.1
39	28.3	22.2	33.4





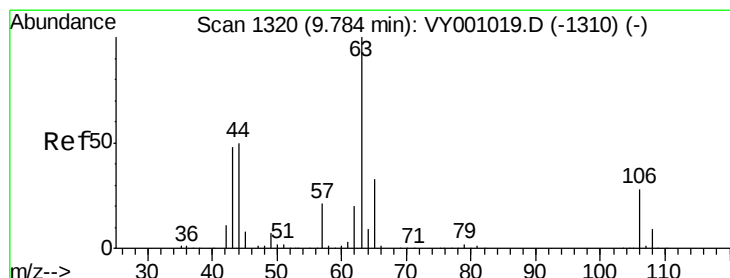
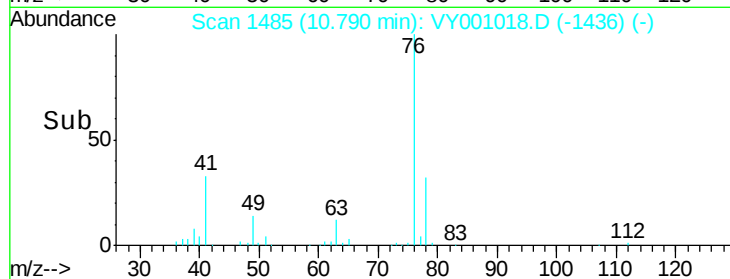
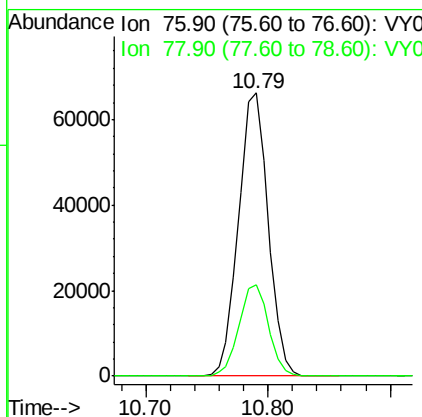
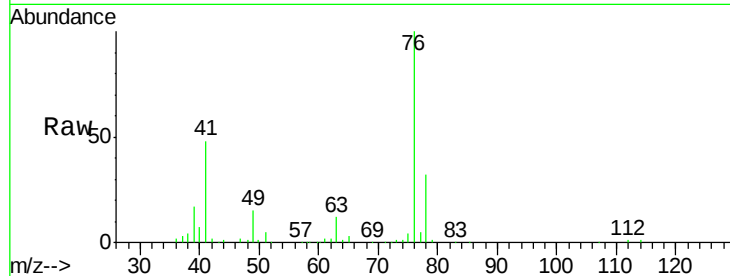
#57
 1,3-Dichloropropane
 Concen: 20.461 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 111497
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

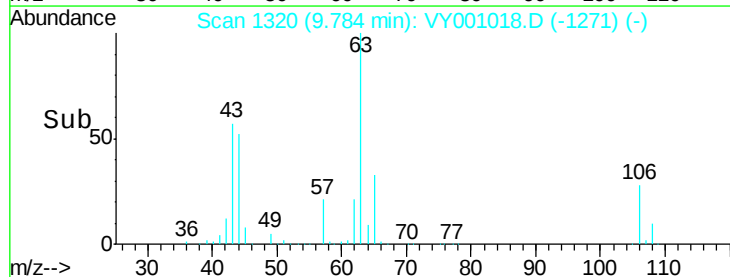
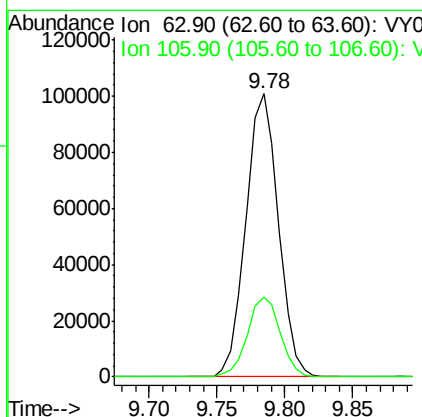
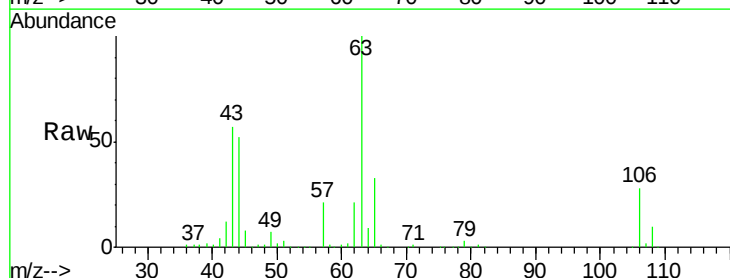
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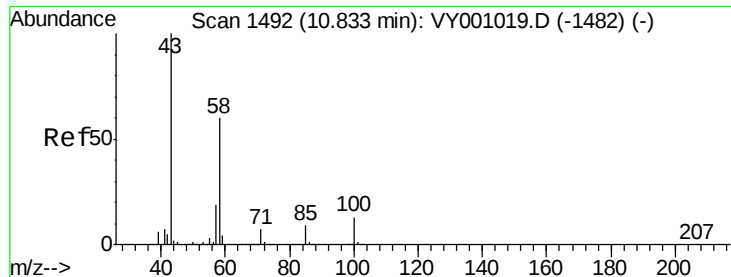
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.855 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion: 63 Resp: 169431
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.7 34.1





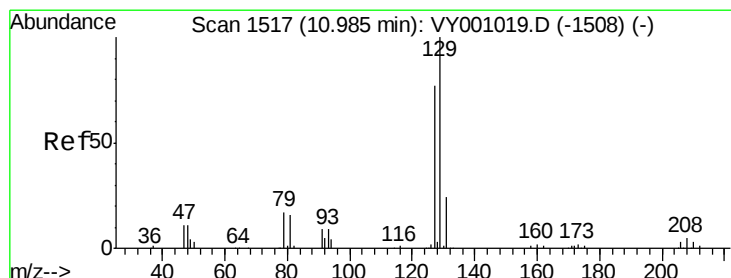
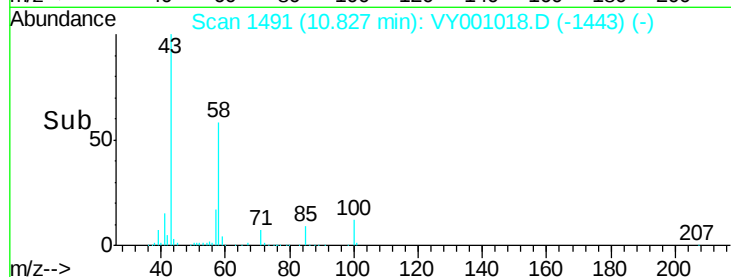
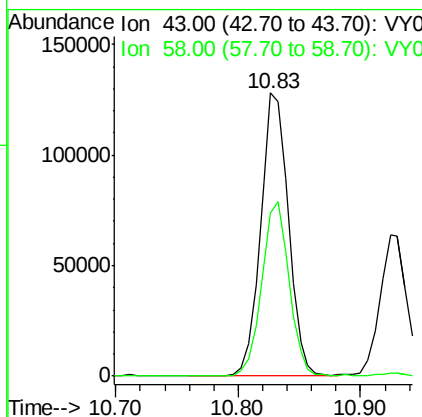
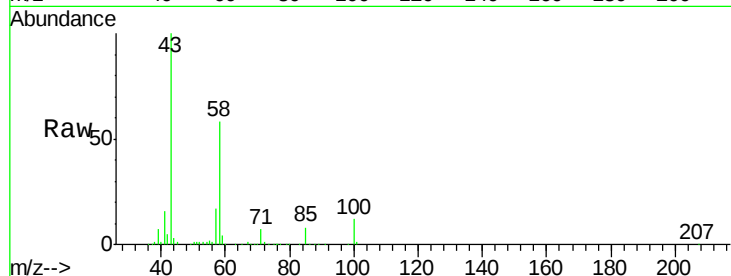
#59
2-Hexanone
Concen: 98.783 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	203416
Ion Ratio	100	Lower	Upper
43	100		
58	60.4	30.6	91.6

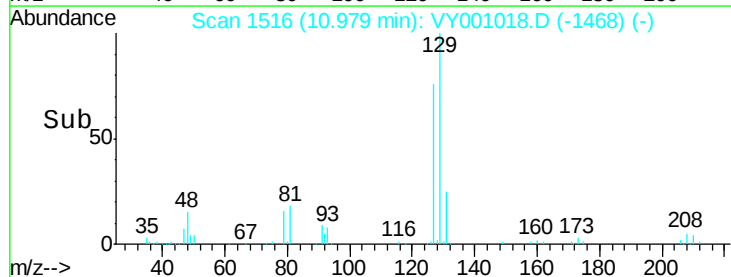
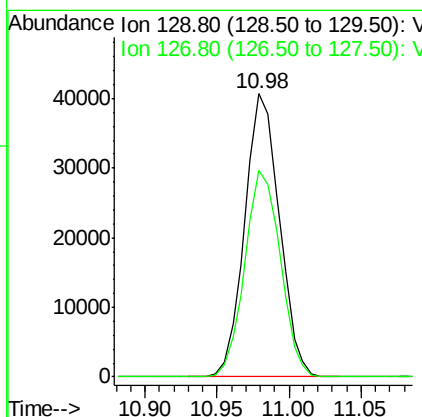
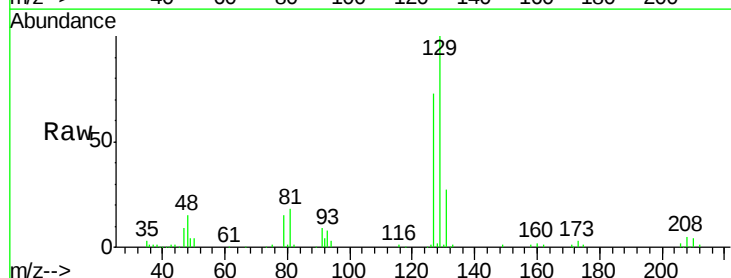
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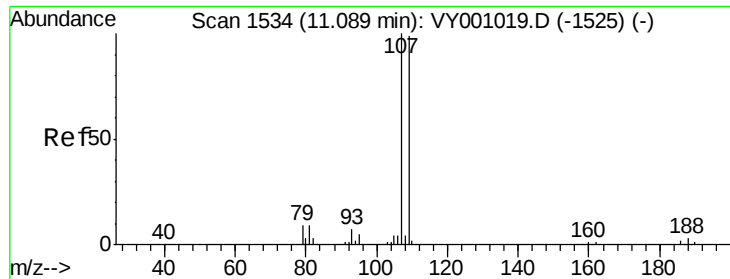
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#60
Dibromochloromethane
Concen: 20.366 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	129	Resp	67855
Ion Ratio	100	Lower	Upper
129	100		
127	74.6	39.1	117.3





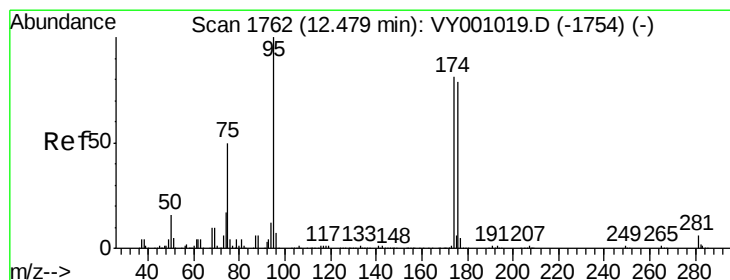
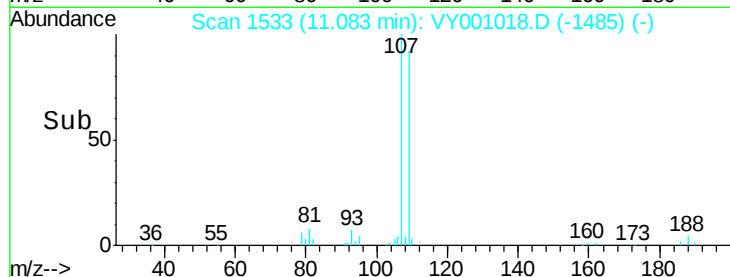
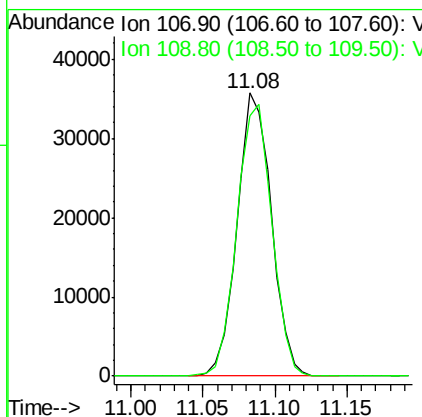
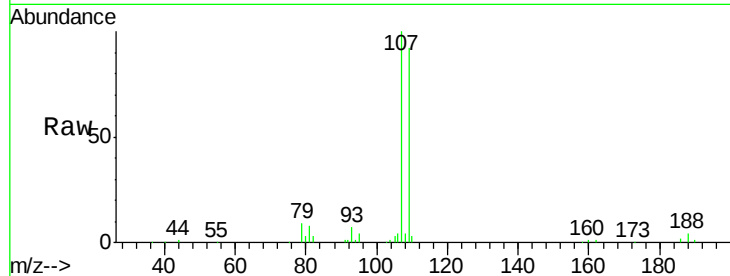
#61
 1,2-Dibromoethane
 Concen: 20.011 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
109	98.0	74.8	112.2

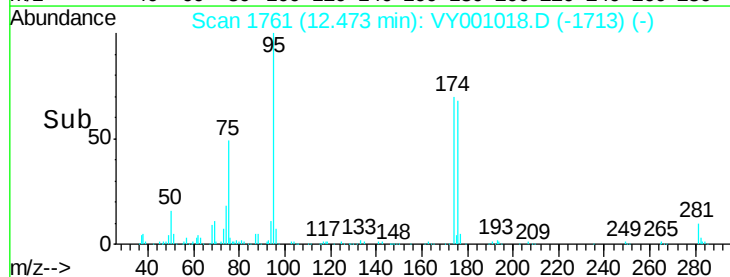
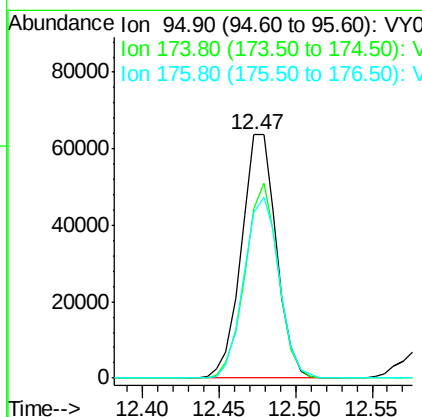
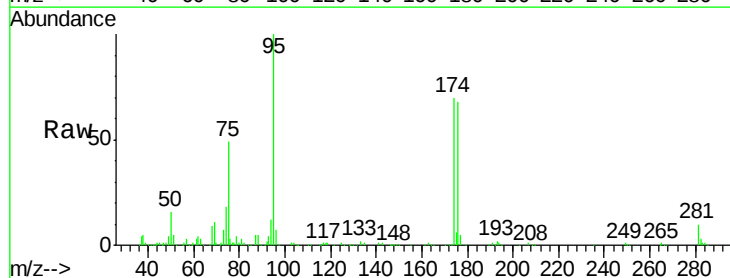
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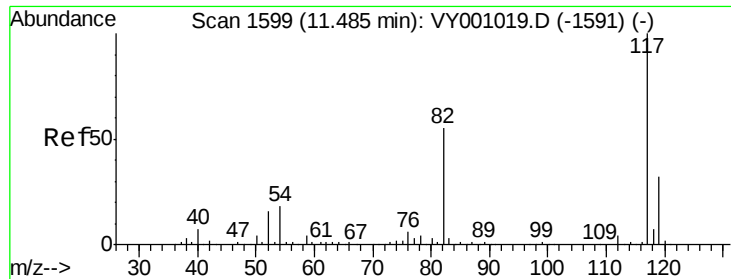
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#62
 4-Bromofluorobenzene
 Concen: 21.376 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	156.4
176	75.2	0.0	155.0





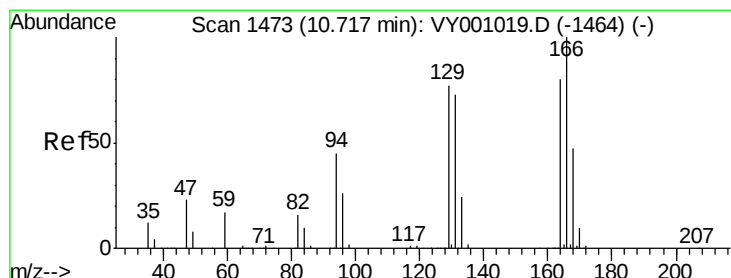
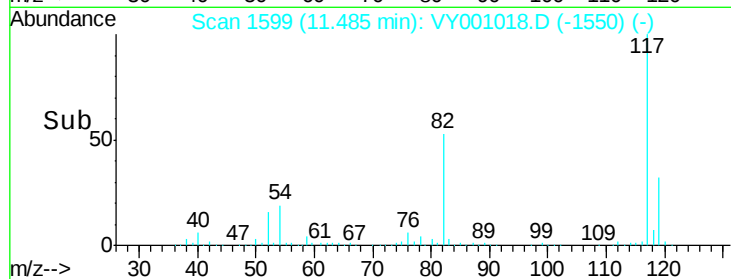
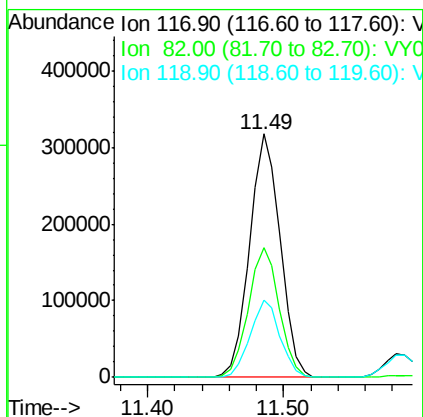
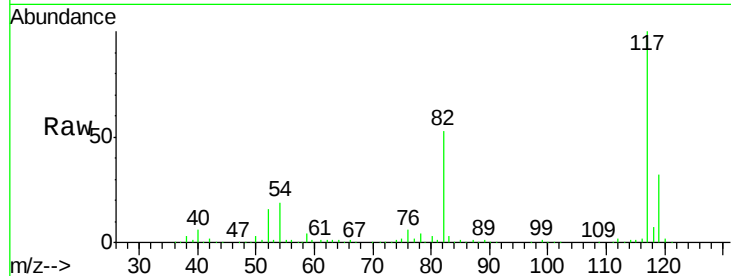
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	500621		
82	53.1		43.8	65.8
119	31.5		25.8	38.6

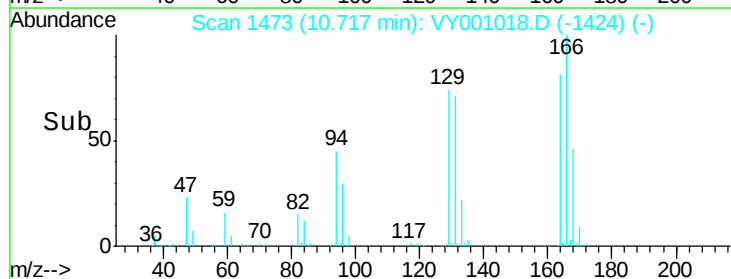
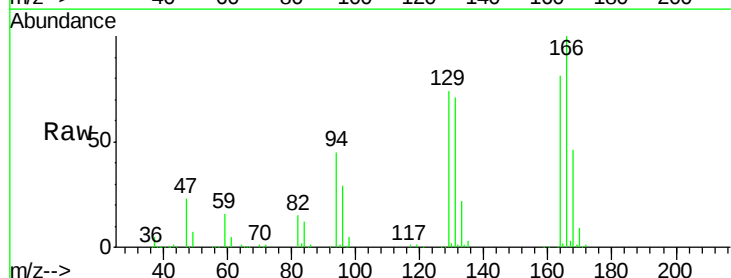
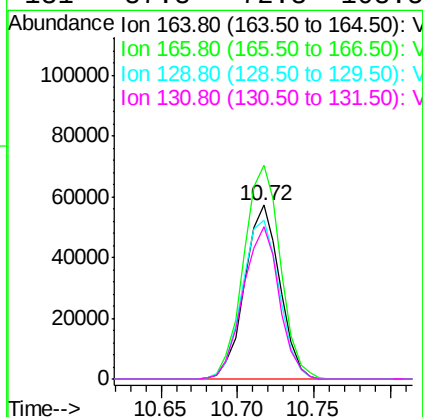
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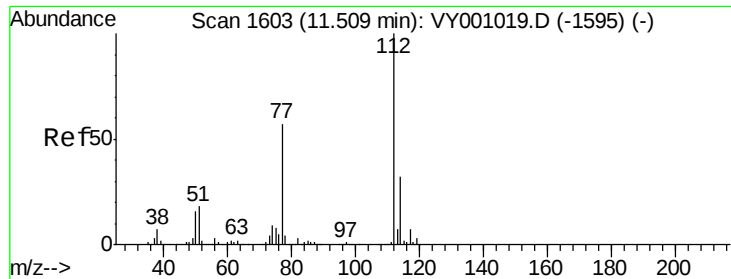
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#64
Tetrachloroethene
Concen: 21.041 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	91452		
166	122.9		99.7	149.5
129	91.4		76.9	115.3
131	87.8		72.3	108.5





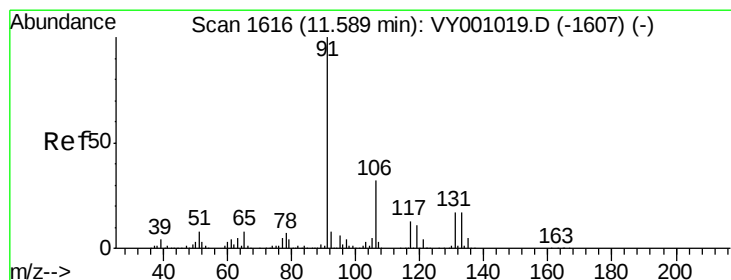
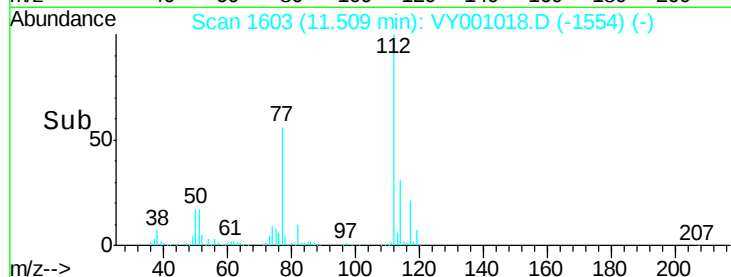
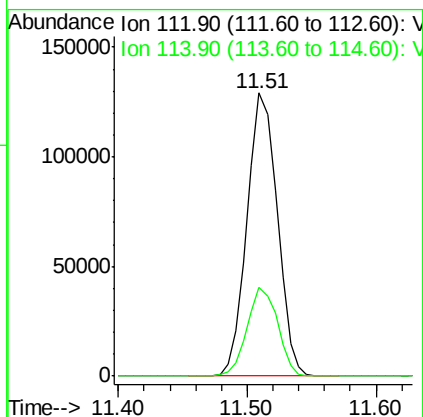
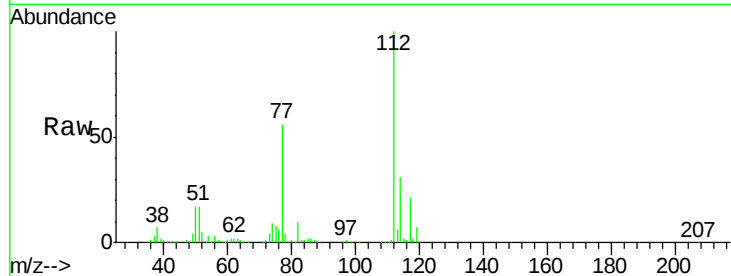
#65
Chlorobenzene
Concen: 20.048 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.4	38.2

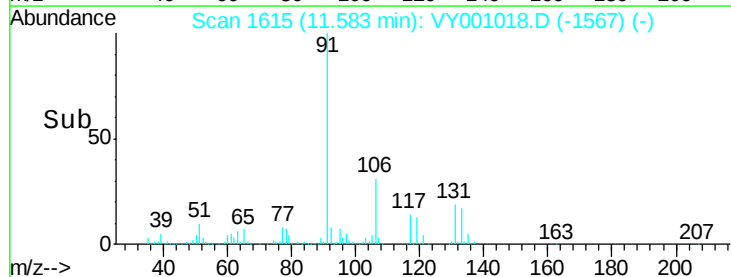
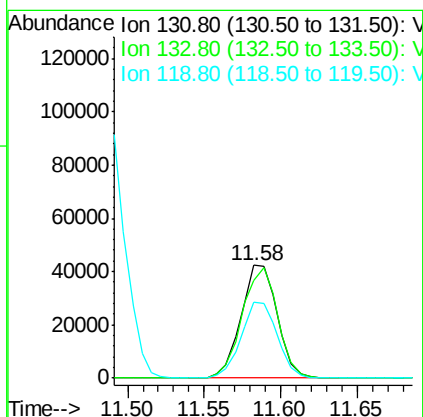
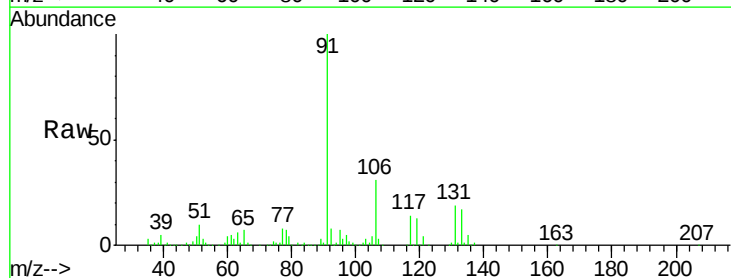
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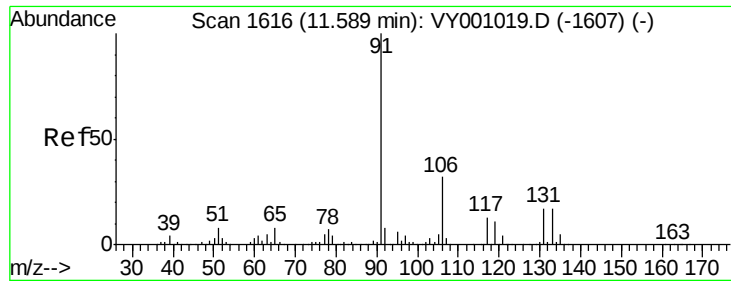
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.088 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.1	144.4
119	67.5	34.0	101.8





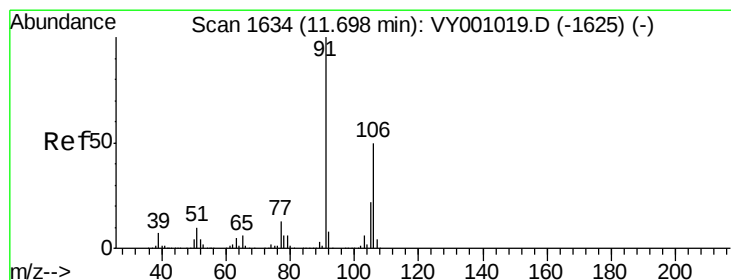
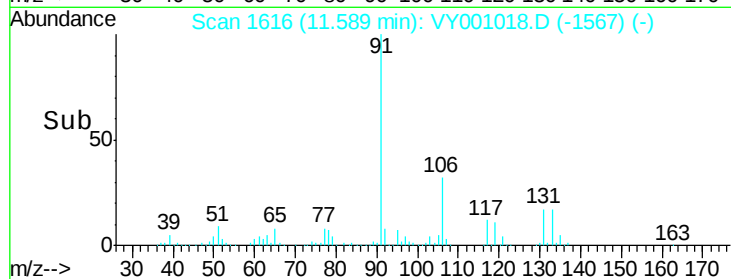
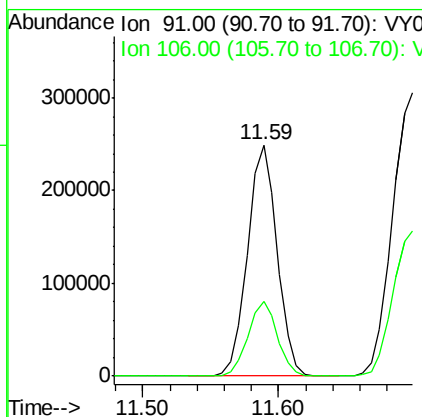
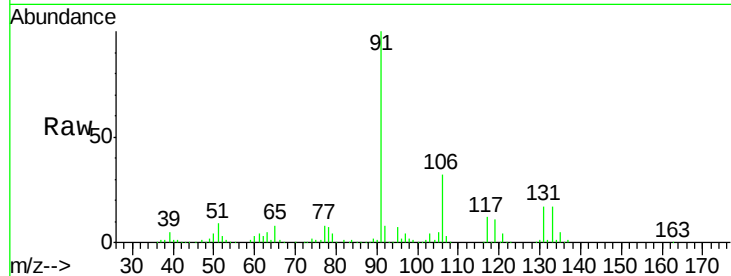
#67
Ethyl Benzene
Concen: 19.960 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.3	37.9

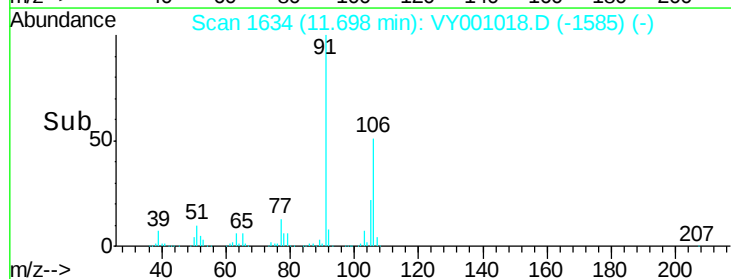
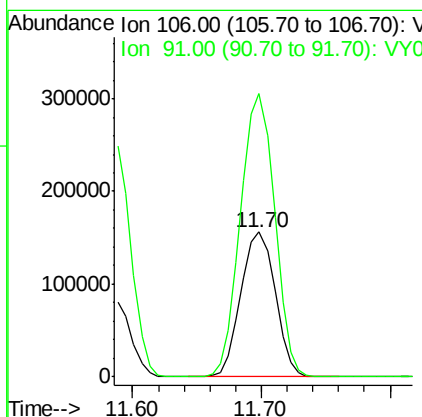
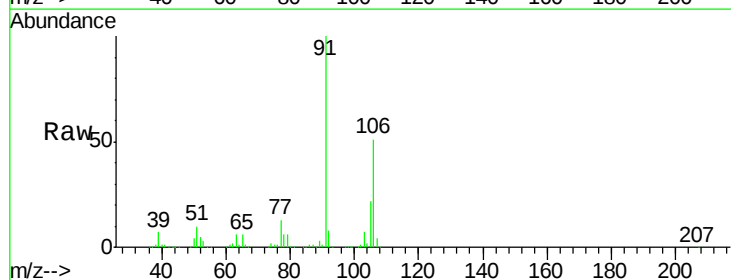
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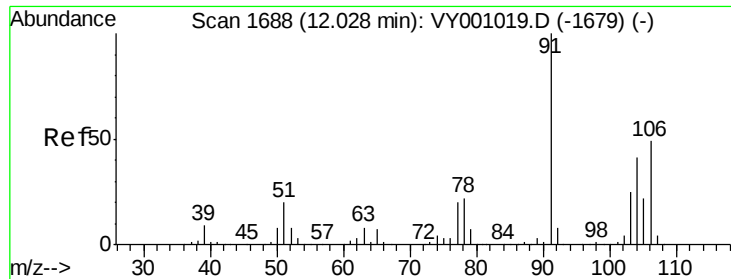
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#68
m/p-Xylenes
Concen: 40.324 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.6	156.4	234.6





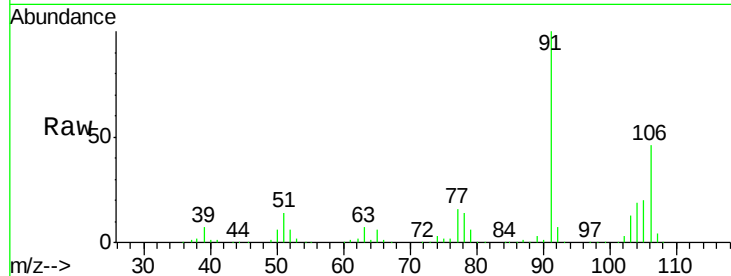
#69
o-Xylene
Concen: 20.081 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

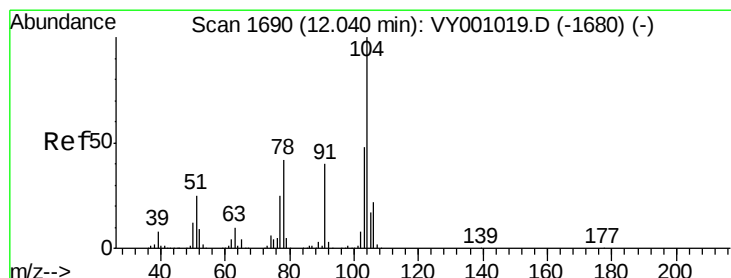
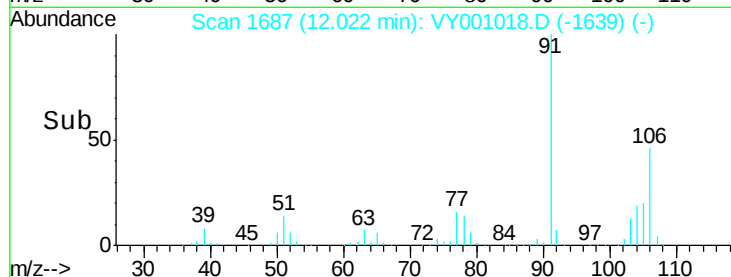
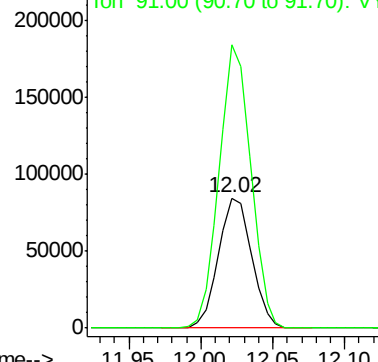
Tot Ion:106 Resp: 135984
Ion Ratio Lower Upper
106 100
91 207.3 103.0 309.0

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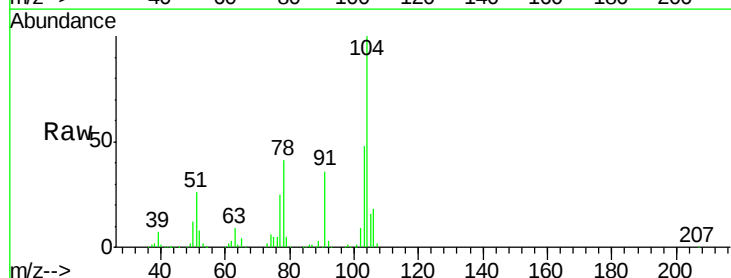


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

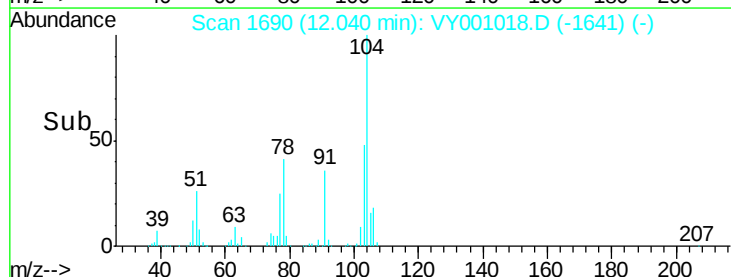
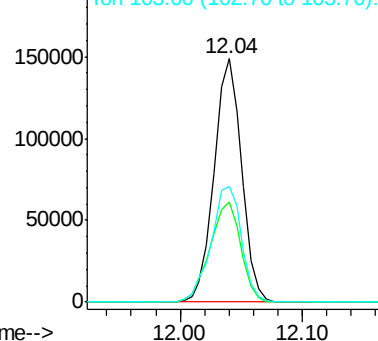


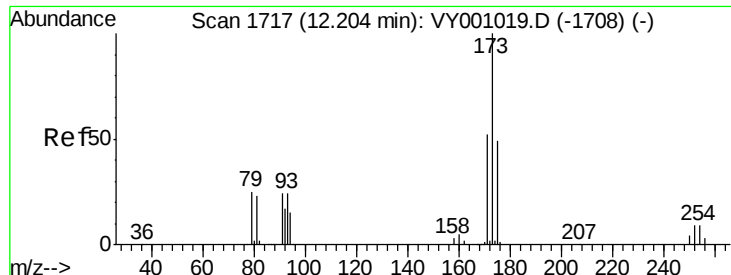
#70
Styrene
Concen: 20.153 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion:104 Resp: 231921
Ion Ratio Lower Upper
104 100
78 46.1 36.6 54.8
103 52.6 42.6 64.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.630 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 37867

Ion Ratio Lower Upper

173 100

175 51.3 24.5 73.5

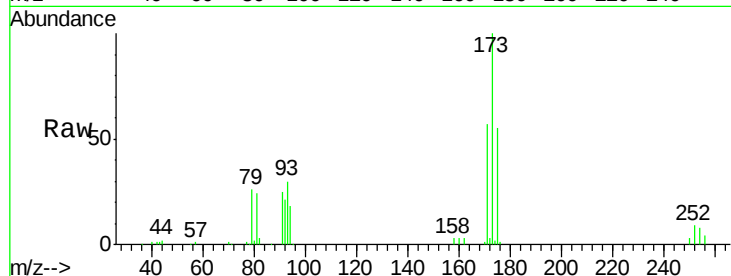
254 0.0 0.0 0.0

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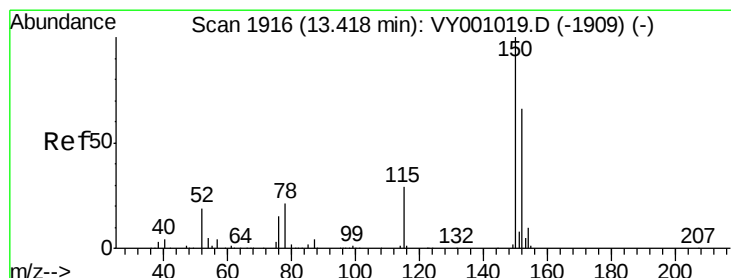
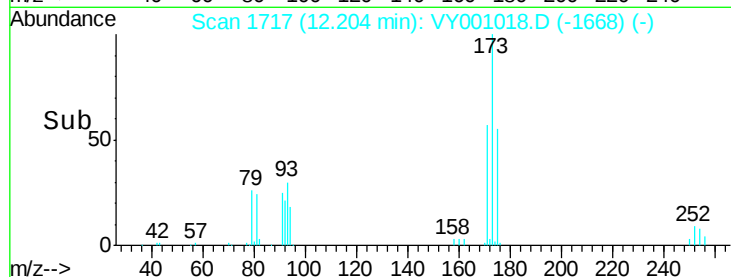
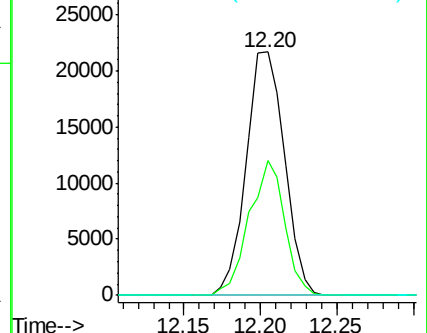
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

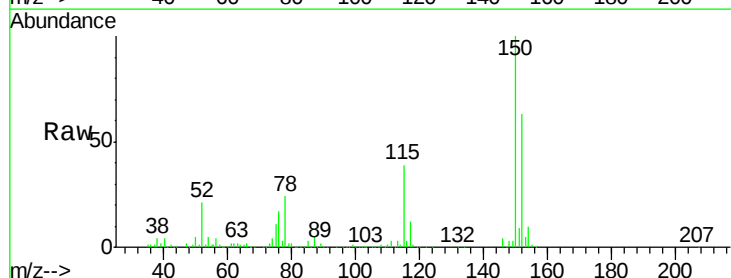
Tgt Ion:152 Resp: 228963

Ion Ratio Lower Upper

152 100

115 60.0 29.8 89.3

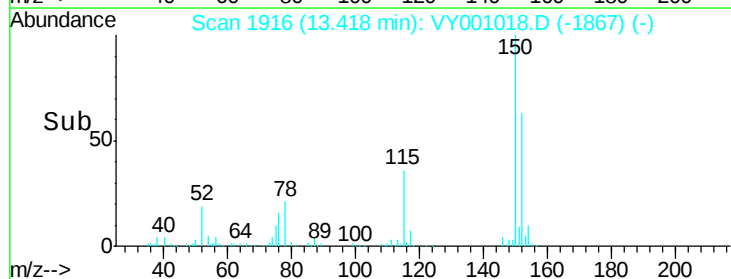
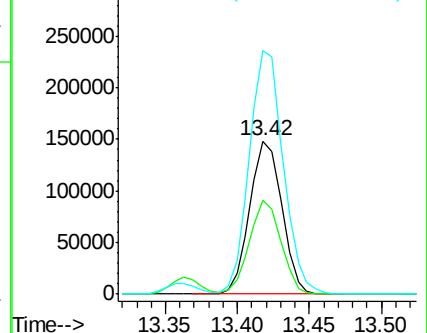
150 167.8 0.0 352.6

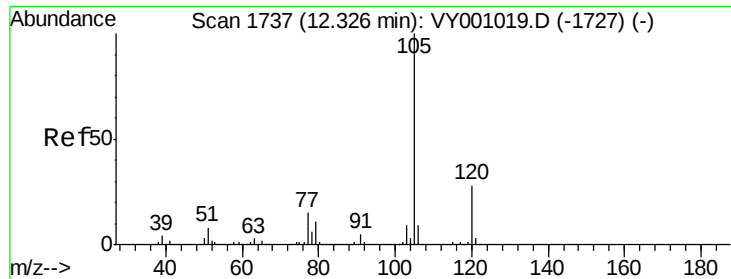


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.676 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 356738

Ion Ratio Lower Upper

105 100

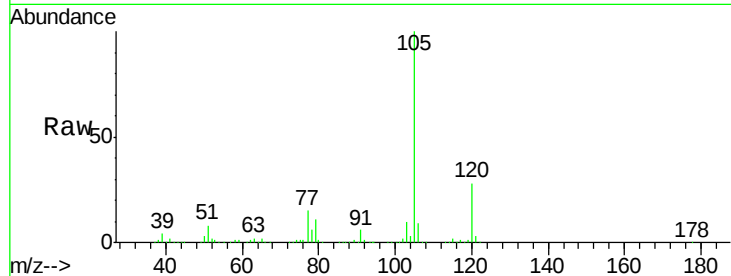
120 27.2 13.4 40.2

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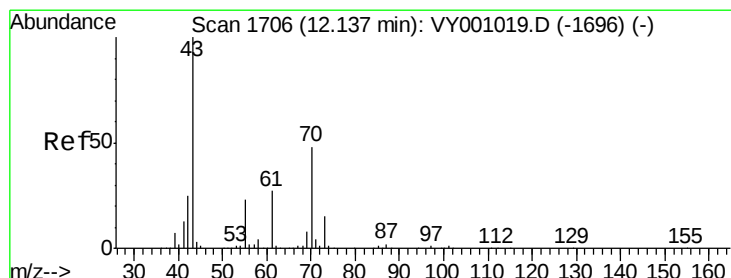
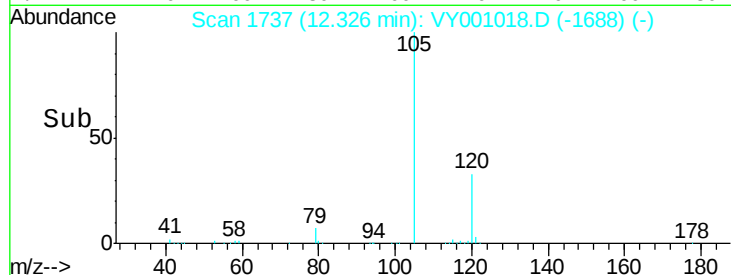
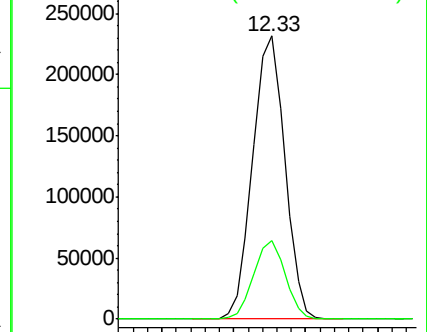
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.541 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Tgt Ion: 43 Resp: 94038

Ion Ratio Lower Upper

43 100

70 47.8 39.0 58.6

55 25.4 19.5 29.3

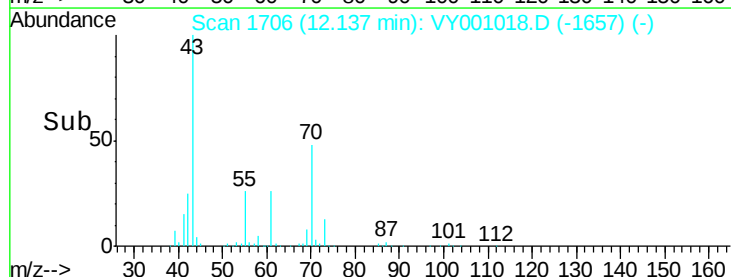
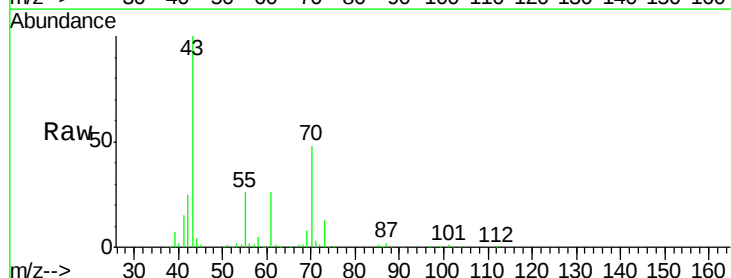
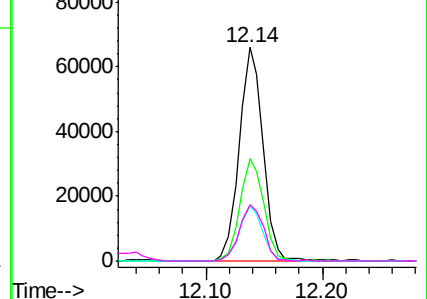
61 26.7 22.0 33.0

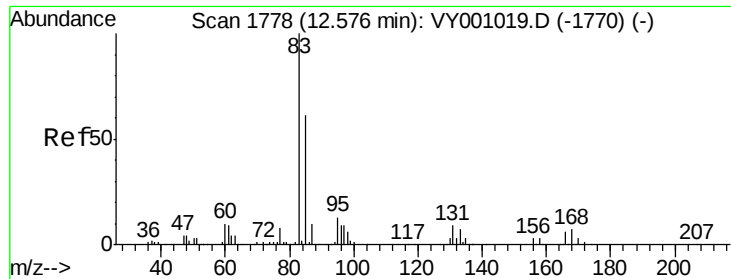
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.494 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

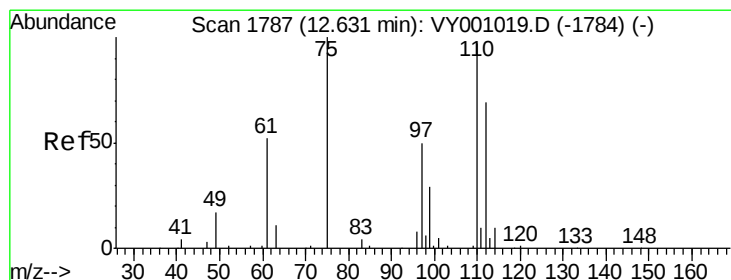
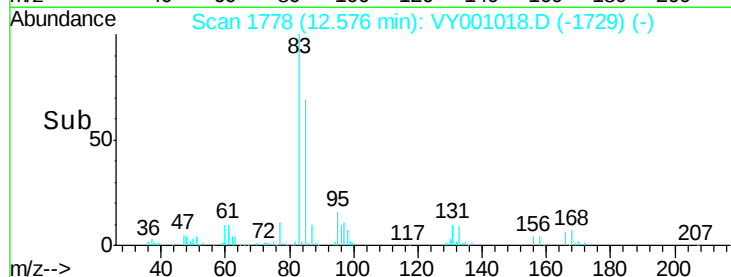
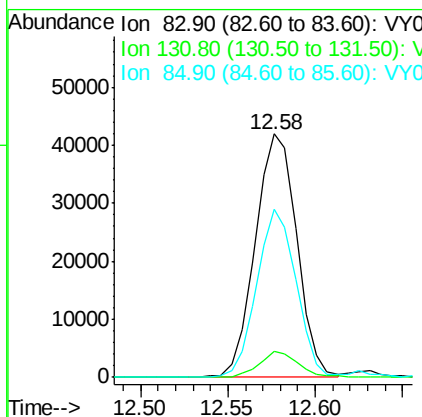
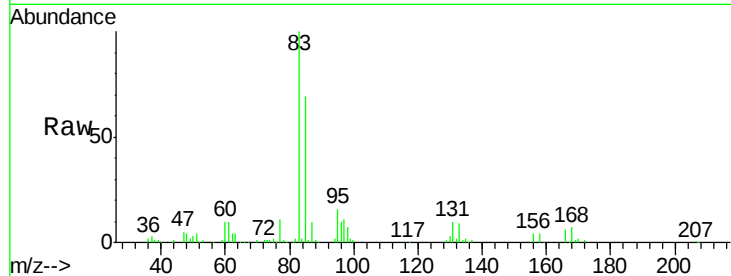
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	69133
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	65.6	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 15.040 ug/l m

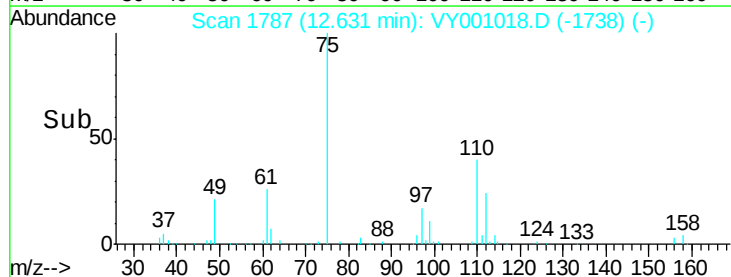
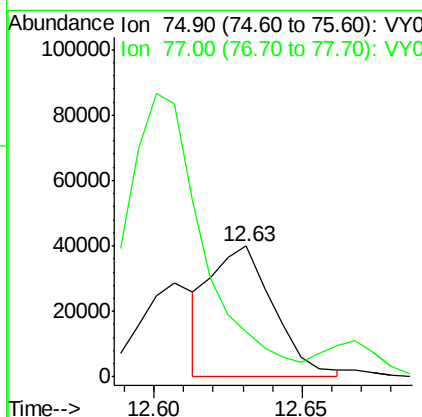
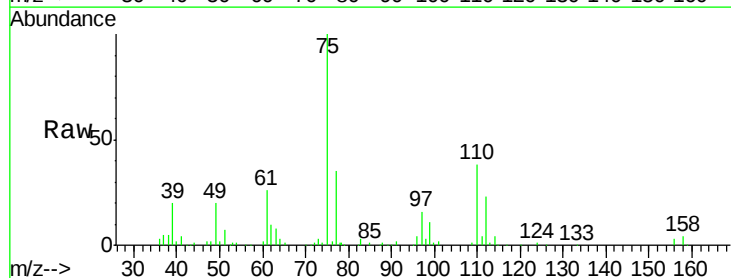
RT: 12.63 min Scan# 1787

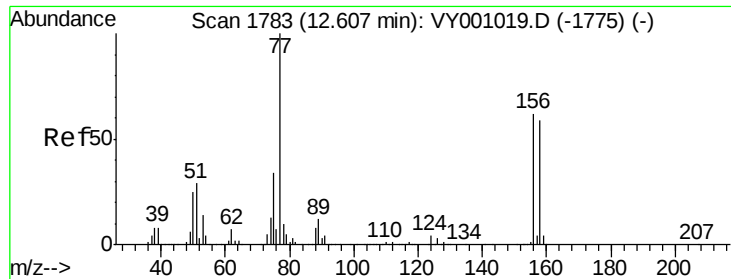
Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Tgt Ion:	75	Resp:	58474
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





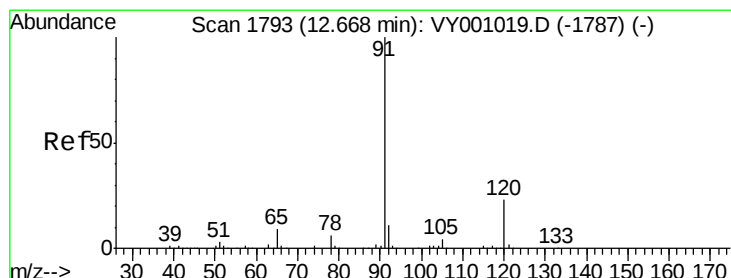
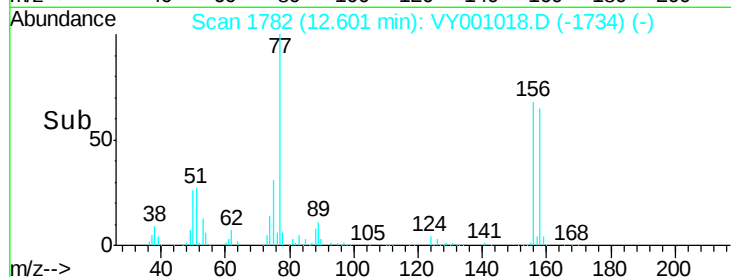
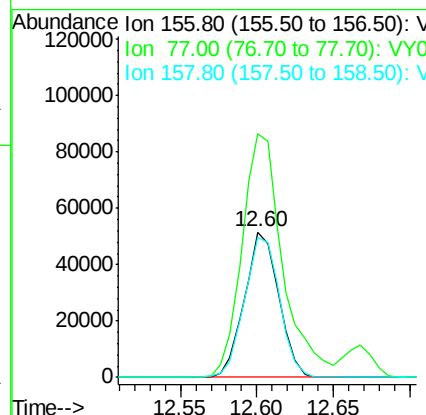
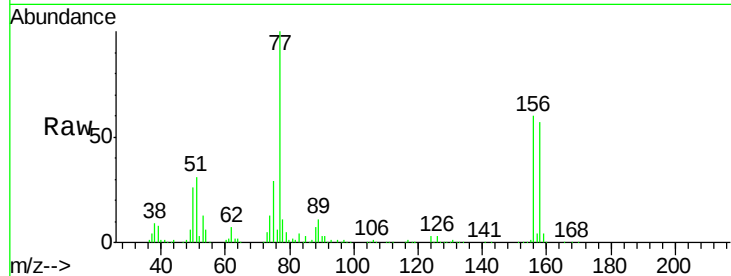
#77
Bromobenzene
Concen: 20.017 ug/l
RT: 12.60 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.9	98.0	294.1
158	98.4	48.5	145.6

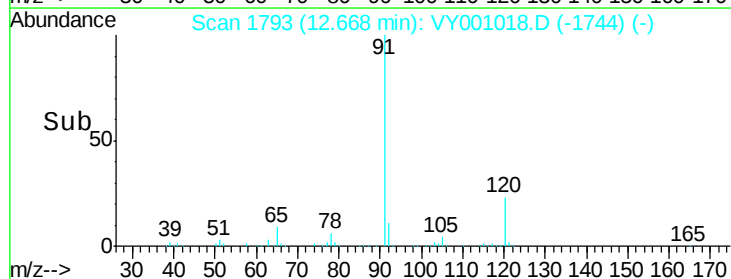
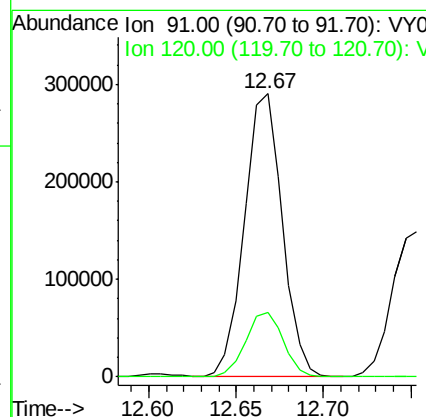
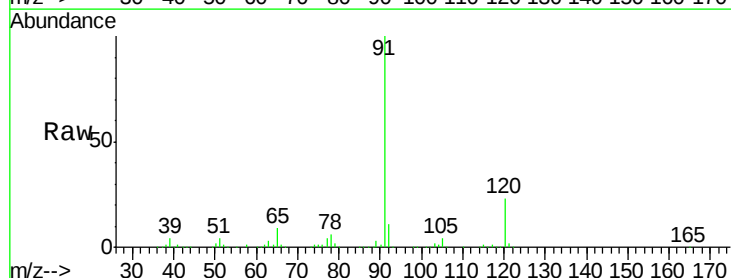
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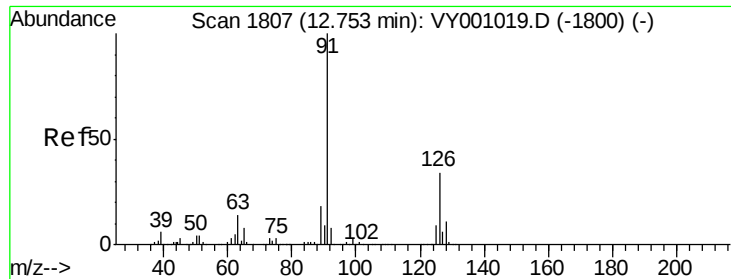
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#78
n-propylbenzene
Concen: 19.780 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2





#79

2-Chlorotoluene

Concen: 19.834 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 241967

Ion Ratio Lower Upper

91 100

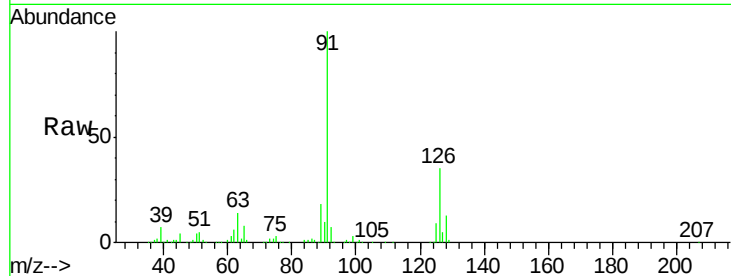
126 33.5 17.3 51.7

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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)

200000

150000

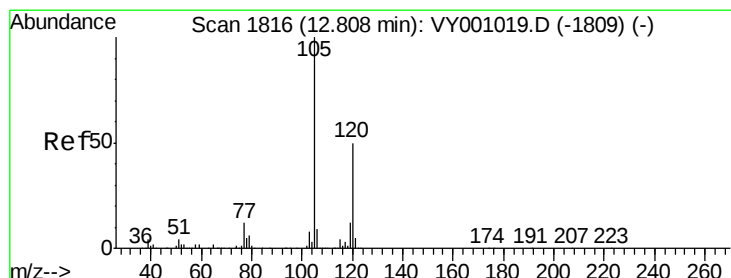
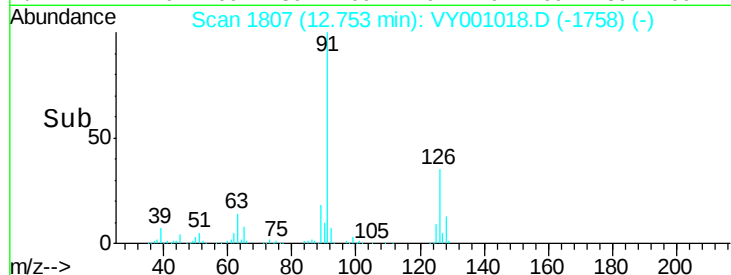
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.736 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001018.D

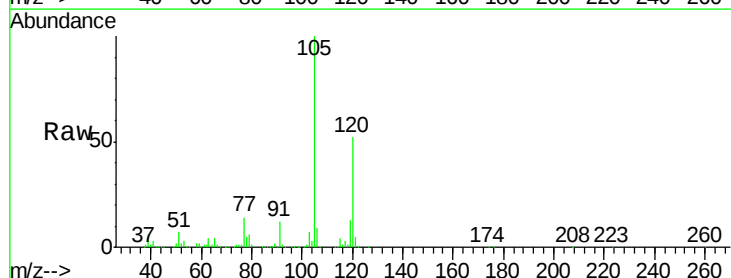
Acq: 23 Dec 2019 10:44

Tgt Ion: 105 Resp: 292732

Ion Ratio Lower Upper

105 100

120 51.7 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)

200000

150000

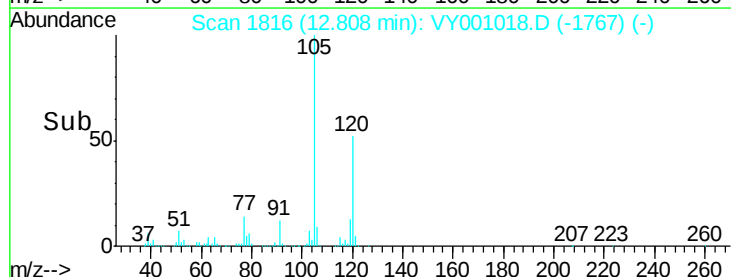
100000

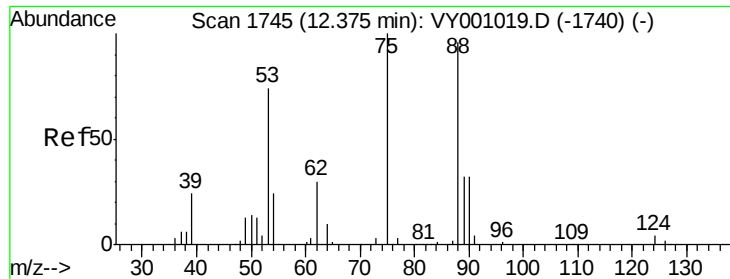
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.192 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

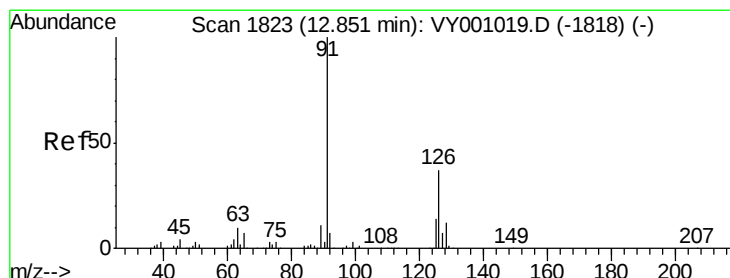
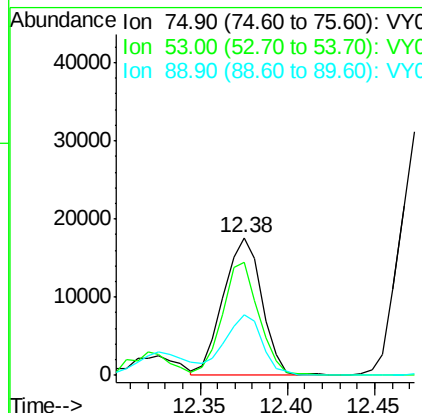
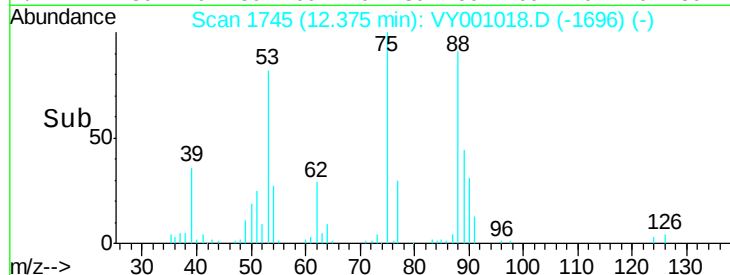
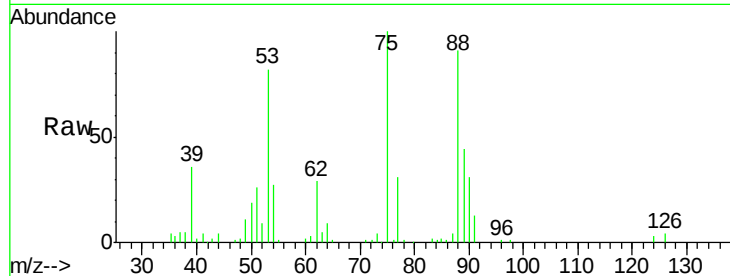
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	27039
Ion	Ratio	Lower	Upper
75	100		
53	77.7	60.6	91.0
89	42.8	35.4	53.0

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#82

4-Chlorotoluene

Concen: 19.778 ug/l

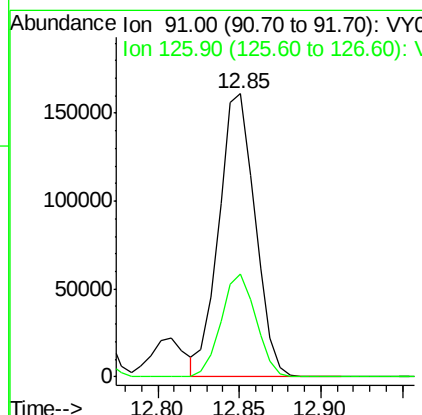
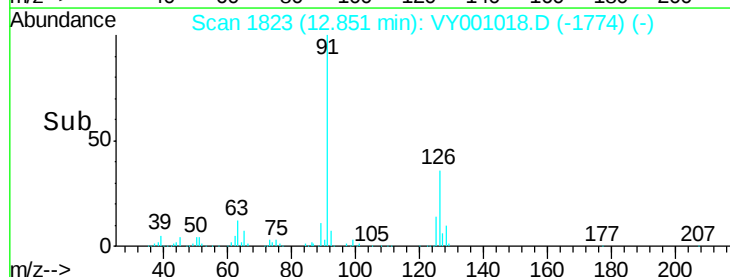
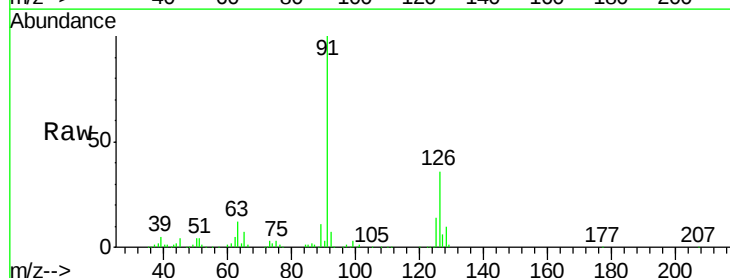
RT: 12.85 min Scan# 1823

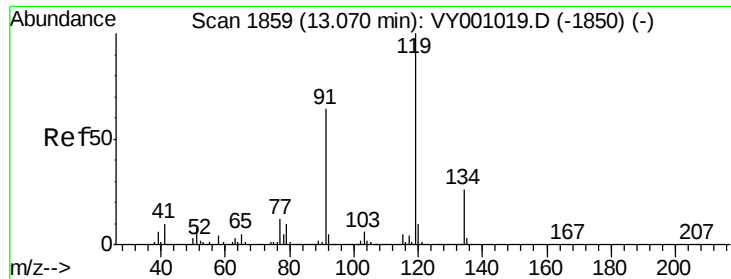
Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Tgt Ion:	91	Resp:	249559
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.6	52.8





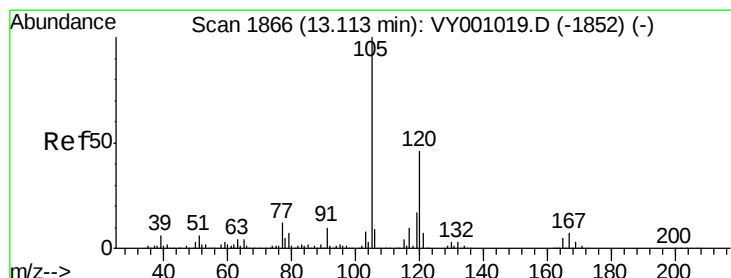
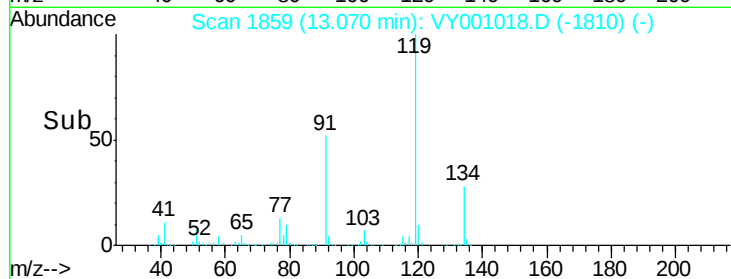
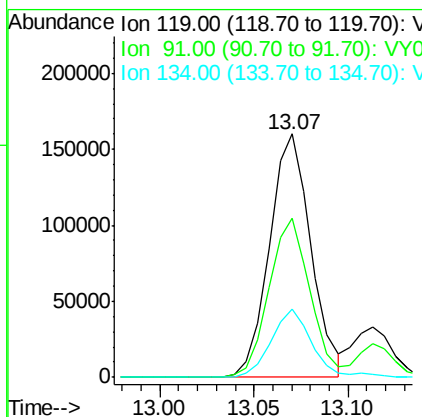
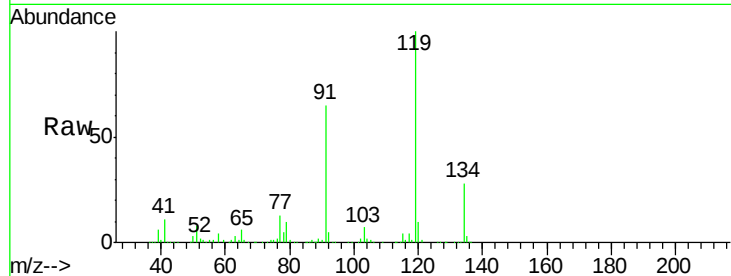
#83
tert-Butylbenzene
Concen: 19.493 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	31.9	95.7
134	27.4	13.6	40.7

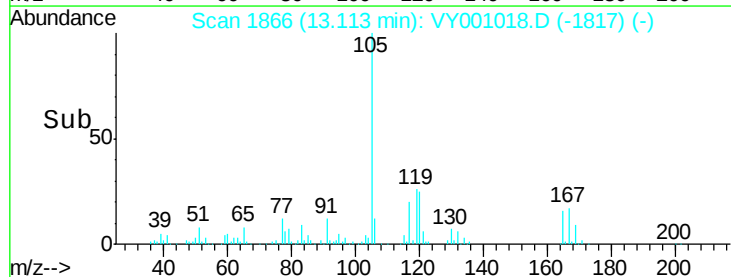
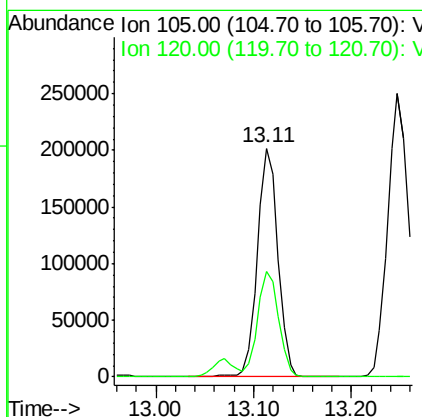
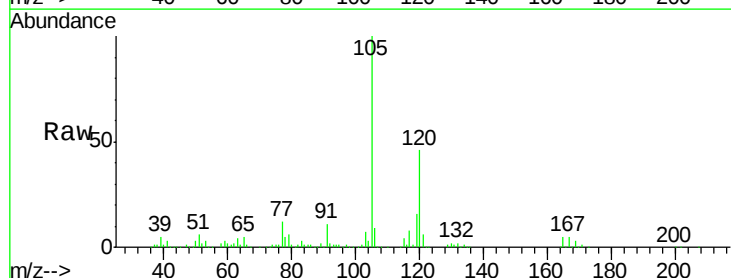
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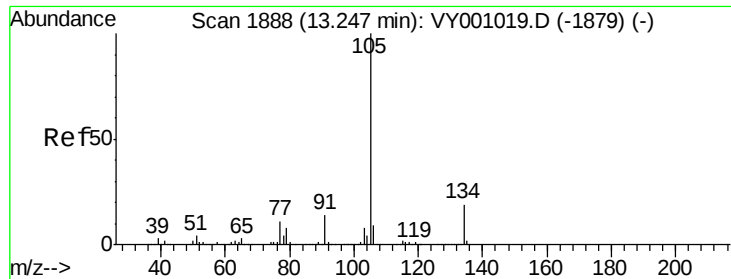
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#84
1,2,4-Trimethylbenzene
Concen: 19.769 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.4	70.2





#85

sec-Butylbenzene

Concen: 20.103 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 368875

Ion Ratio Lower Upper

105 100

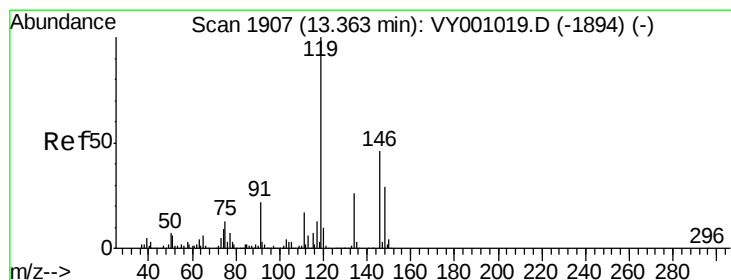
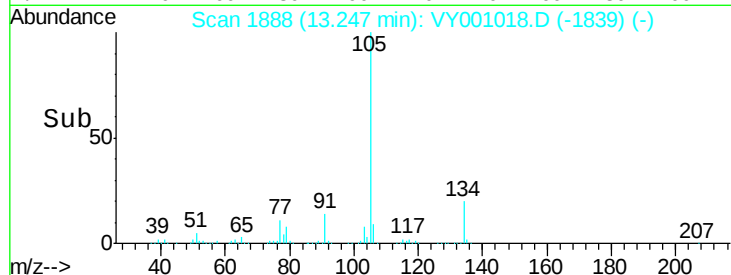
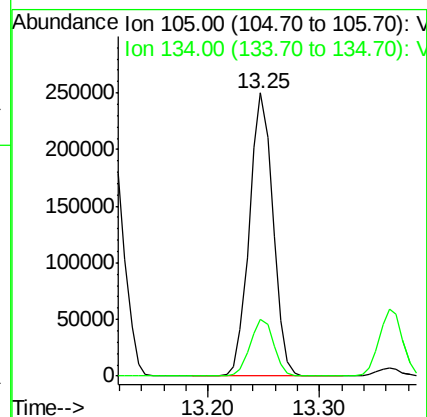
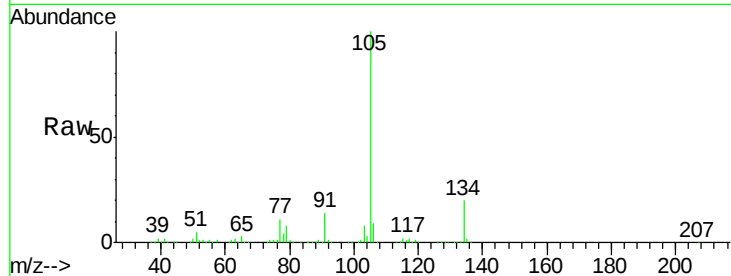
134 20.1 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 19.937 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001018.D

Acq: 23 Dec 2019 10:44

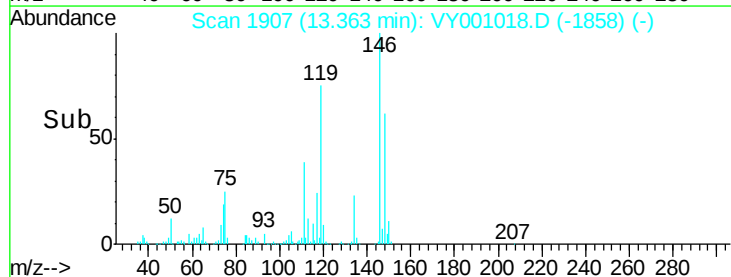
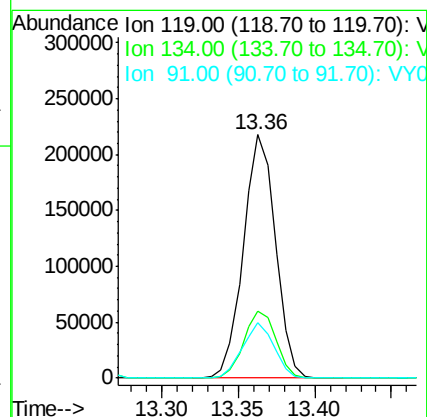
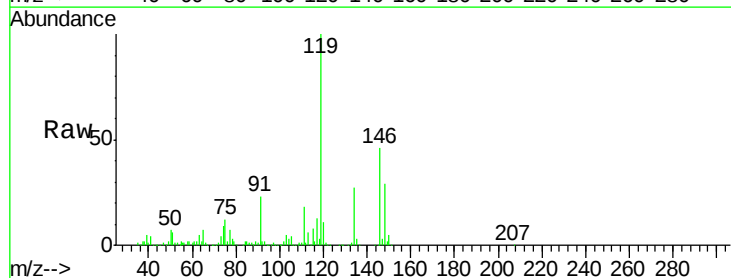
Tgt Ion:119 Resp: 317070

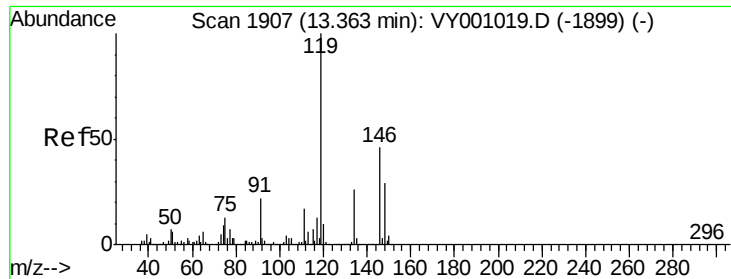
Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

91 22.4 11.4 34.1





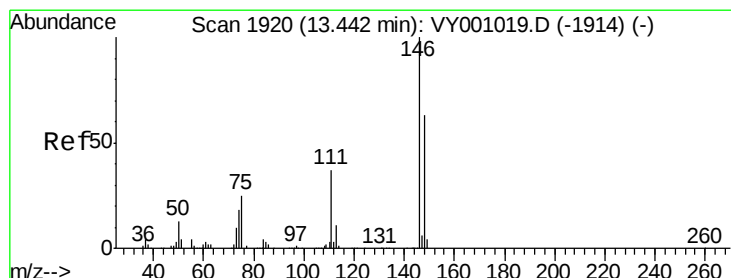
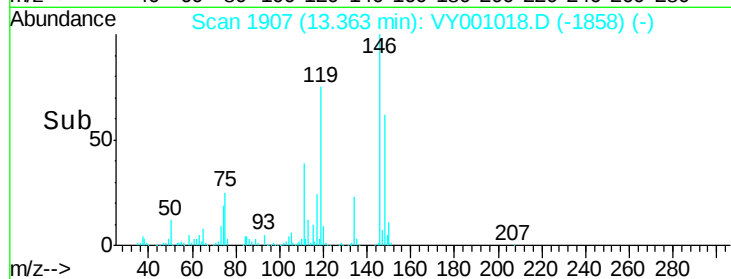
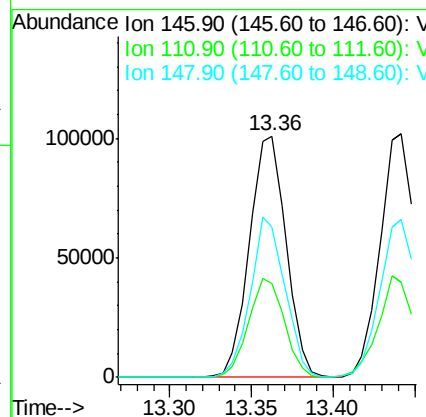
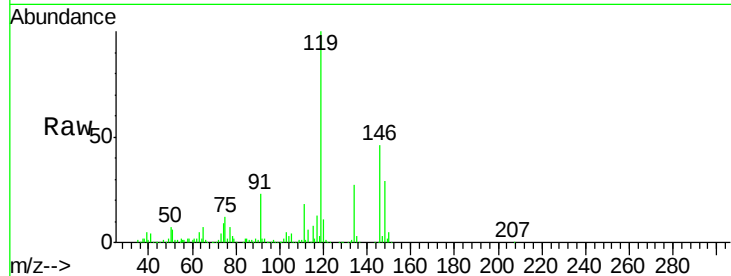
#87
 1,3-Dichlorobenzene
 Concen: 20.439 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.0
148	63.0	31.9	95.5

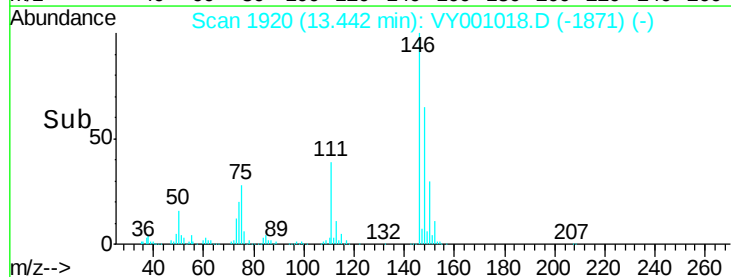
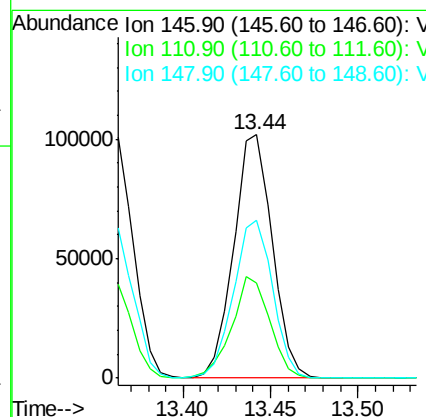
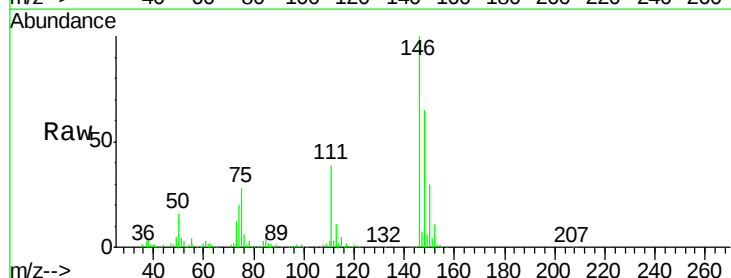
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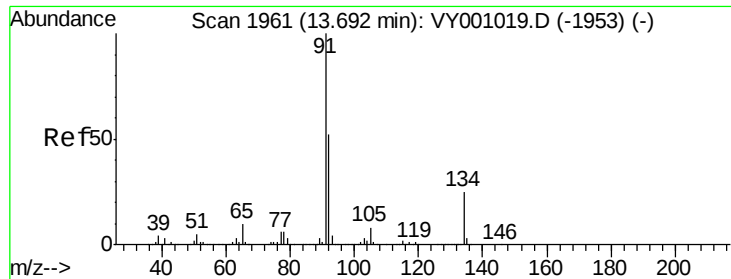
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#88
 1,4-Dichlorobenzene
 Concen: 20.088 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.4	58.2
148	65.9	31.8	95.3





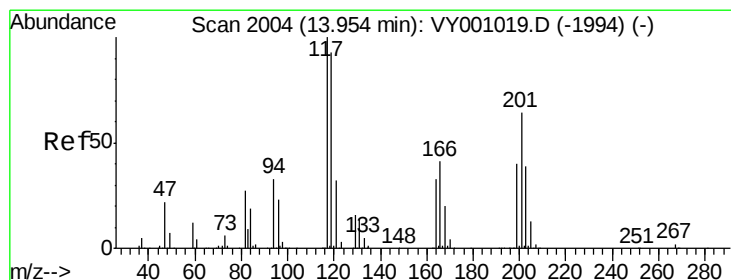
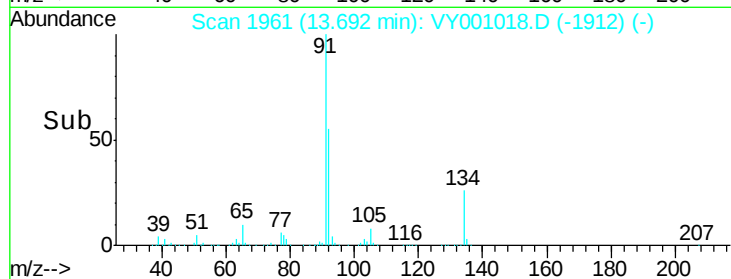
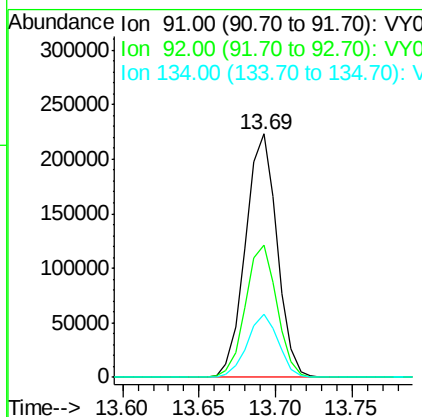
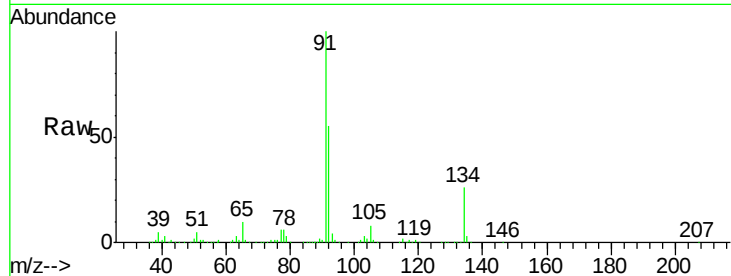
#89
n-Butylbenzene
Concen: 19.924 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.9	80.7
134	25.7	12.7	38.0

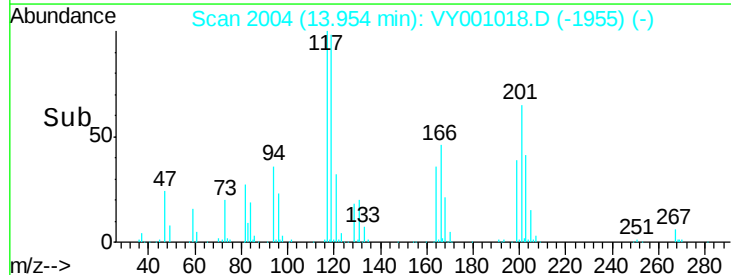
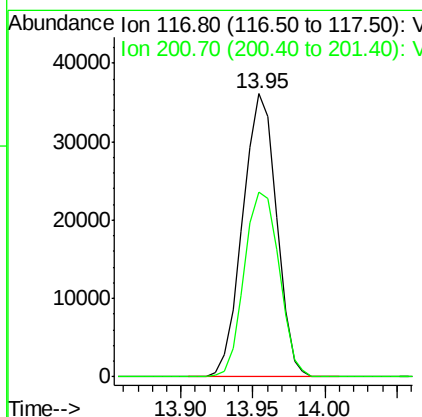
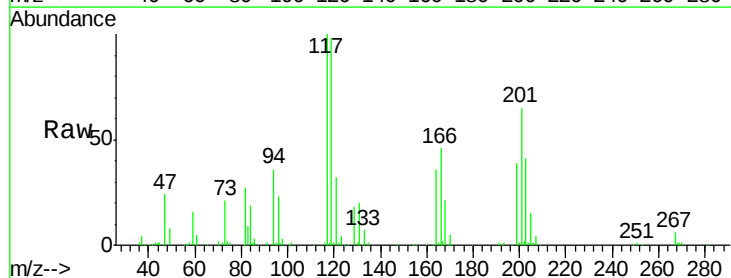
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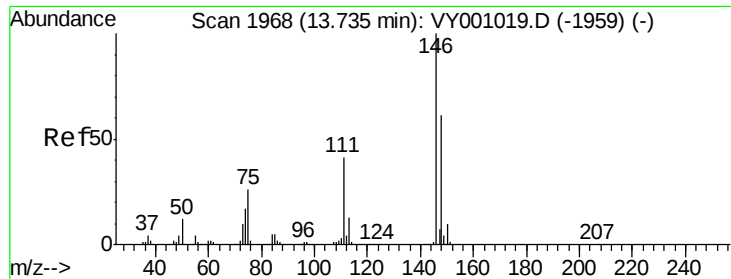
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#90
Hexachloroethane
Concen: 19.754 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.2	33.7	101.1





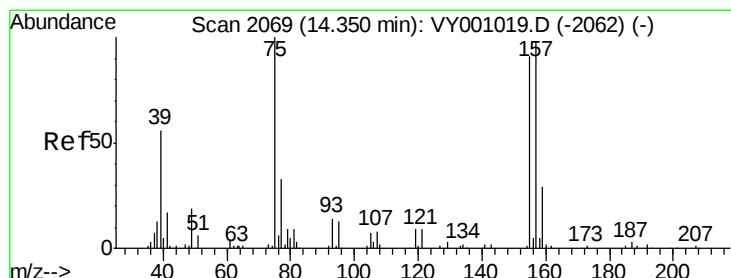
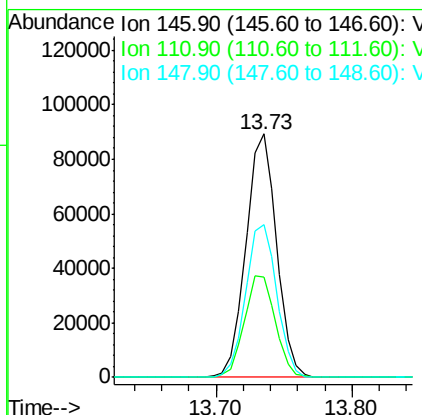
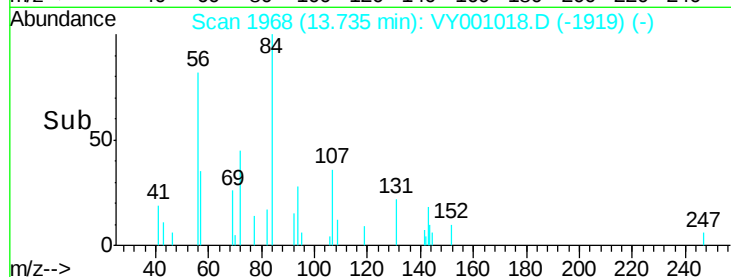
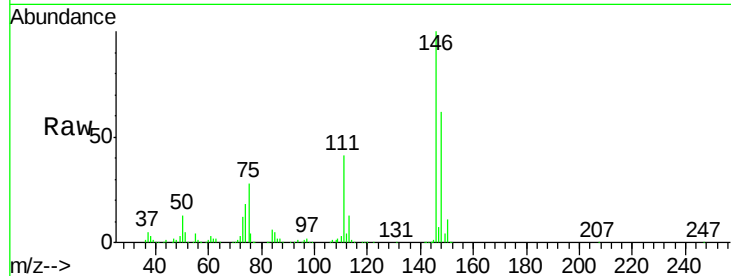
#91
 1,2-Dichlorobenzene
 Concen: 19.820 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.6	61.9
148	63.6	31.6	94.7

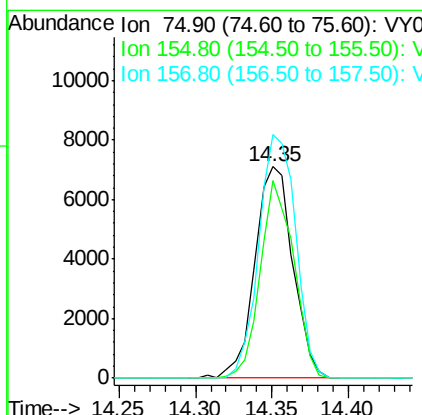
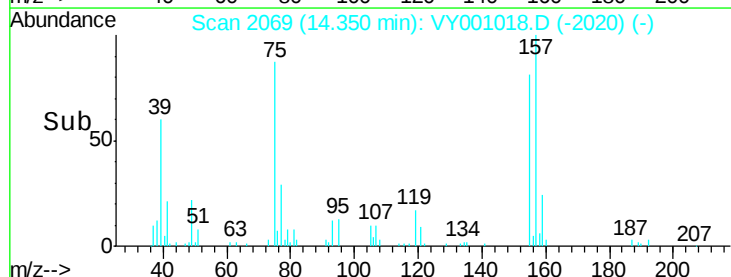
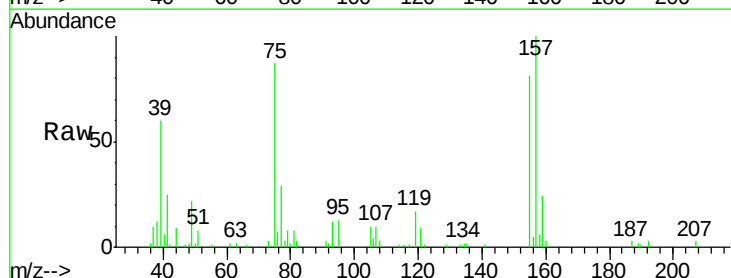
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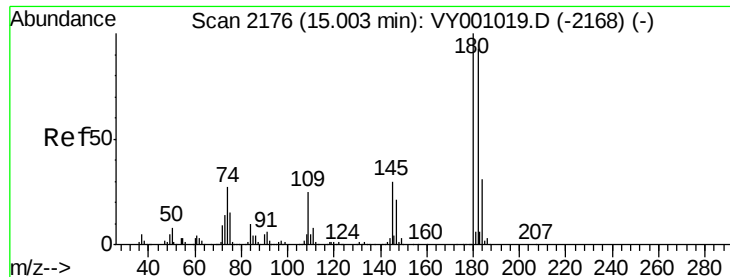
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.716 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	46.3	138.9
157	111.6	58.1	174.4





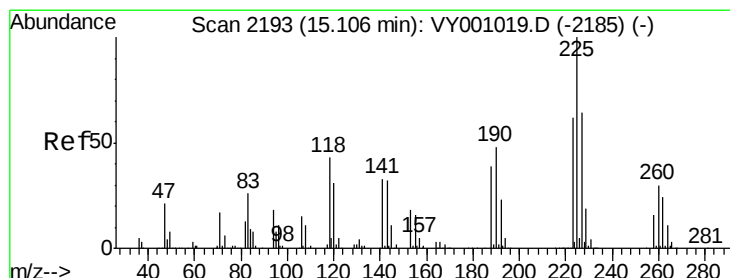
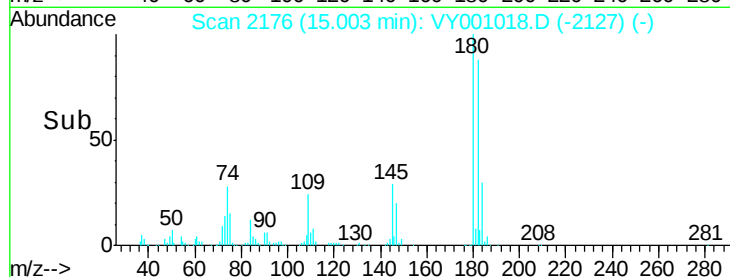
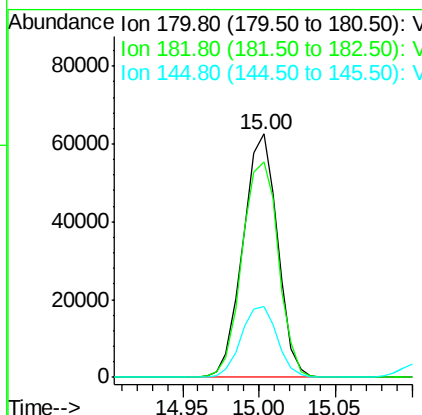
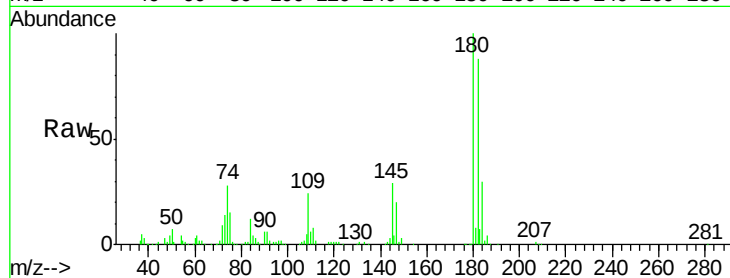
#93
 1,2,4-Trichlorobenzene
 Concen: 20.484 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.8	140.3
145	30.4	15.3	45.9

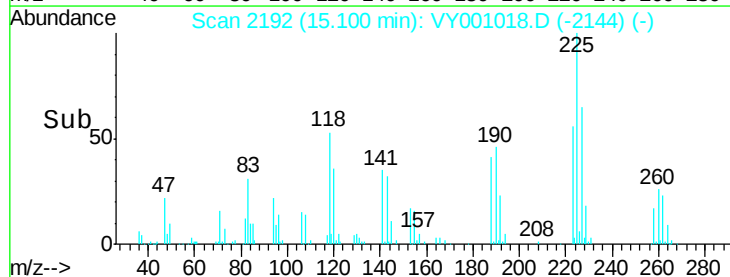
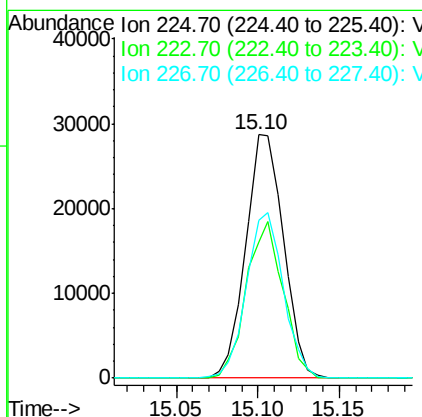
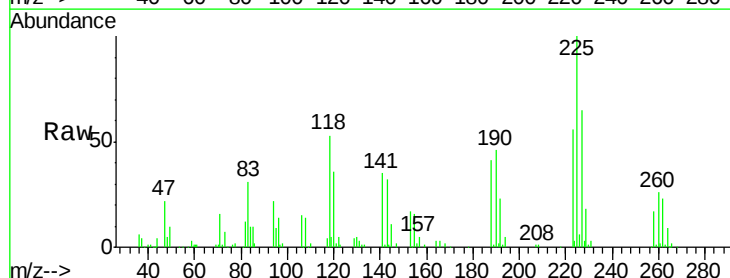
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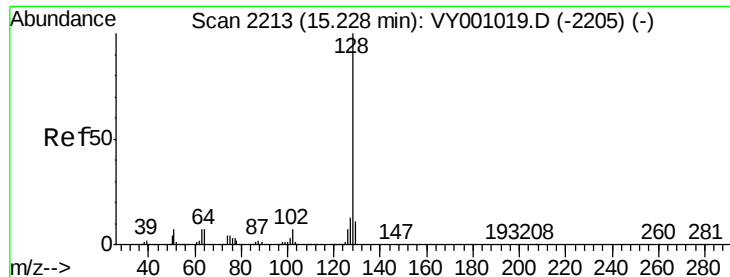
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#94
 Hexachlorobutadiene
 Concen: 20.323 ug/l
 RT: 15.10 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: VY001018.D
 Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	94.8
227	66.6	31.9	95.5





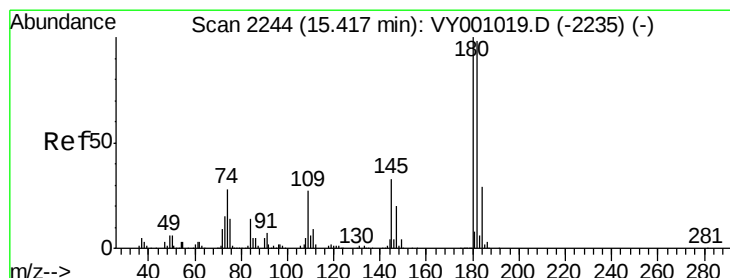
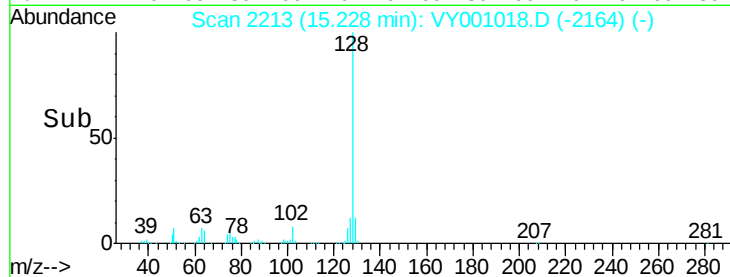
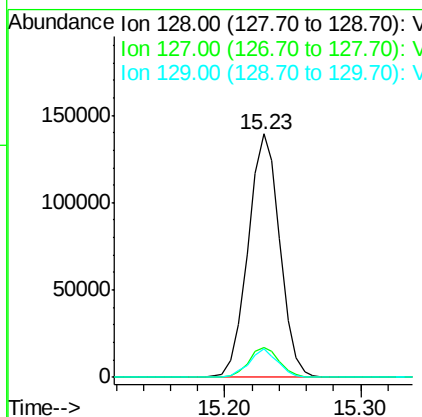
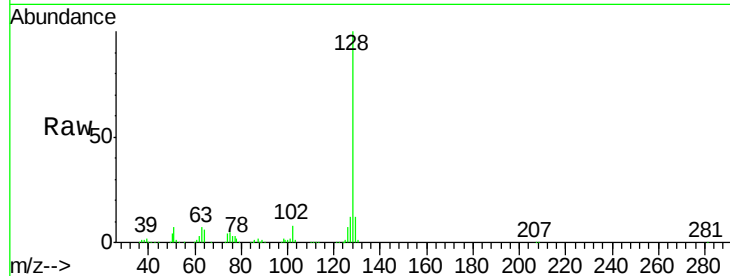
#95
Naphthalene
Concen: 20.282 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	227556		
127	12.1		9.9	14.9
129	10.7		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.553 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001018.D
Acq: 23 Dec 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	87614		
182	93.2		47.9	143.8
145	33.6		16.3	48.9

