

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001017.D
 Acq On : 23 Dec 2019 10:23
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
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apatel
 12/24/2019 11:05:23 AM

Quant Time: Dec 23 11:36:18 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	310880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	548655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	486746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221013	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	30943	10.04	ug/l	0.00
Spiked Amount			Recovery	=	20.08%	
35) Dibromofluoromethane	7.73	113	34164	10.66	ug/l	0.00
Spiked Amount			Recovery	=	21.32%	
50) Toluene-d8	10.18	98	114944	9.12	ug/l	0.00
Spiked Amount			Recovery	=	18.24%	
62) 4-Bromofluorobenzene	12.47	95	47152	10.14	ug/l	0.00
Spiked Amount			Recovery	=	20.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	30899	10.668	ug/l	90
3) Chloromethane	2.12	50	40902	10.754	ug/l	99
4) Vinyl Chloride	2.25	62	41502	11.195	ug/l	93
5) Bromomethane	2.65	94	26444	11.740	ug/l	96
6) Chloroethane	2.79	64	24066	10.503	ug/l	97
7) Trichlorofluoromethane	3.13	101	58202	10.868	ug/l	90
8) Diethyl Ether	3.53	74	23195	10.908	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	38006	10.958	ug/l	97
10) Methyl Iodide	4.10	142	48128	10.344	ug/l	100
11) Tert butyl alcohol	4.96	59	20006	59.319	ug/l	98
12) 1,1-Dichloroethene	3.88	96	37602	10.794	ug/l	98
13) Acrolein	3.73	56	21628	57.211	ug/l	97
14) Allyl chloride	4.48	41	59939	10.711	ug/l	98
15) Acrylonitrile	5.18	53	57515	53.643	ug/l	97
16) Acetone	3.96	43	40162	56.122	ug/l	99
17) Carbon Disulfide	4.19	76	122491	10.801	ug/l	98
18) Methyl Acetate	4.48	43	28660	10.139	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	95623	10.526	ug/l	94
20) Methylene Chloride	4.72	84	47139	11.403	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	41699	10.777	ug/l	97
22) Diisopropyl ether	6.13	45	122710	10.819	ug/l #	97
23) Vinyl Acetate	6.07	43	389129	54.727	ug/l	99
24) 1,1-Dichloroethane	6.03	63	70499	10.723	ug/l	98
25) 2-Butanone	7.00	43	69500	53.969	ug/l	97
26) 2,2-Dichloropropane	7.00	77	58485	10.738	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	46927	11.032	ug/l	98
28) Bromochloromethane	7.34	49	25323	9.979	ug/l	97
29) Tetrahydrofuran	7.36	42	50603	56.040	ug/l	96
30) Chloroform	7.52	83	65409	10.499	ug/l	97
31) Cyclohexane	7.79	56	77601	11.169	ug/l #	94
32) 1,1,1-Trichloroethane	7.71	97	57052	10.725	ug/l	98
36) 1,1-Dichloropropene	7.93	75	58234	10.933	ug/l	99
37) Ethyl Acetate	7.08	43	30825	10.328	ug/l	98
38) Carbon Tetrachloride	7.91	117	49149	10.517	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	75415	10.673	ug/l	95
40) Benzene	8.17	78	169917	10.683	ug/l	98
41) Methacrylonitrile	7.32	41	11529m	4.169	ug/l	
42) 1,2-Dichloroethane	8.25	62	39736	10.229	ug/l	99
43) Isopropyl Acetate	8.28	43	58567	10.629	ug/l	97
44) Trichloroethene	8.94	130	44535	10.703	ug/l	94
45) 1,2-Dichloropropane	9.22	63	43568	10.912	ug/l	96
46) Dibromomethane	9.30	93	22212	10.801	ug/l	100
47) Bromodichloromethane	9.50	83	50586	10.527	ug/l	99
48) Methyl methacrylate	9.30	41	23700	10.012	ug/l	94
49) 1,4-Dioxane	9.30	88	6240	210.534	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	156712	54.243	ug/l	99
52) Toluene	10.24	92	105479	10.715	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	52664	10.111	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	65329	10.455	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	33291	10.834	ug/l	96
56) Ethyl methacrylate	10.51	69	46164	10.487	ug/l	98
57) 1,3-Dichloropropane	10.79	76	56963	10.597	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	90258	52.845	ug/l	100
59) 2-Hexanone	10.83	43	107027	52.689	ug/l	99
60) Dibromochloromethane	10.99	129	34262	10.424	ug/l	99
61) 1,2-Dibromoethane	11.08	107	31094	10.687	ug/l	99
64) Tetrachloroethene	10.72	164	47910	11.337	ug/l	95
65) Chlorobenzene	11.51	112	108591	10.660	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	34938	10.374	ug/l	98
67) Ethyl Benzene	11.59	91	195223	10.553	ug/l	100
68) m/p-Xylenes	11.70	106	149755	21.447	ug/l	100
69) o-Xylene	12.03	106	69503	10.556	ug/l	100
70) Styrene	12.04	104	116150	10.381	ug/l	99
71) Bromoform	12.20	173	18705	9.973	ug/l #	97
73) Isopropylbenzene	12.33	105	187049	10.688	ug/l	100
74) N-amyl acetate	12.14	43	49014	10.552	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	36765	10.740	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	30506m	8.128	ug/l	
77) Bromobenzene	12.60	156	42239	10.865	ug/l	99
78) n-propylbenzene	12.67	91	228353	10.732	ug/l	100
79) 2-Chlorotoluene	12.75	91	123752	10.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	152076	10.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	12497	9.668	ug/l	91
82) 4-Chlorotoluene	12.85	91	130677	10.729	ug/l	99
83) tert-Butylbenzene	13.07	119	128581	10.624	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	157120	10.939	ug/l	96
85) sec-Butylbenzene	13.25	105	189912	10.722	ug/l	98
86) p-Isopropyltoluene	13.36	119	164350	10.706	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	81151	10.863	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	81088	10.790	ug/l	96
89) n-Butylbenzene	13.69	91	167613	10.812	ug/l	99
90) Hexachloroethane	13.95	117	29949	10.411	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	76422	11.126	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.34	75	6035	10.519	ug/l	97

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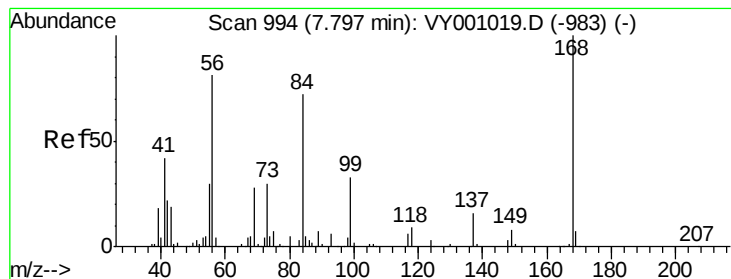
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	49230	10.635	ug/l	97
94) Hexachlorobutadiene	15.11	225	24999	11.330	ug/l	98
95) Naphthalene	15.23	128	114898	10.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	43958	10.683	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 310880

Ion Ratio Lower Upper

168 100

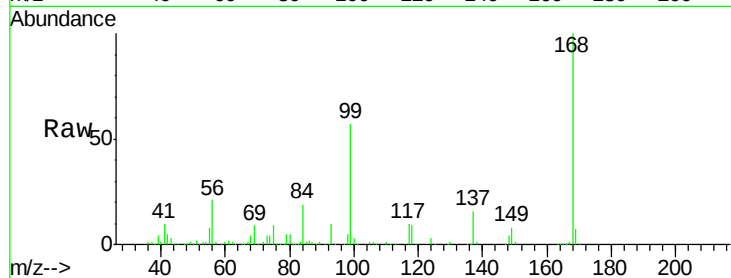
99 57.4 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VY001017.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001017.D (-945) (-)

7.80

150000

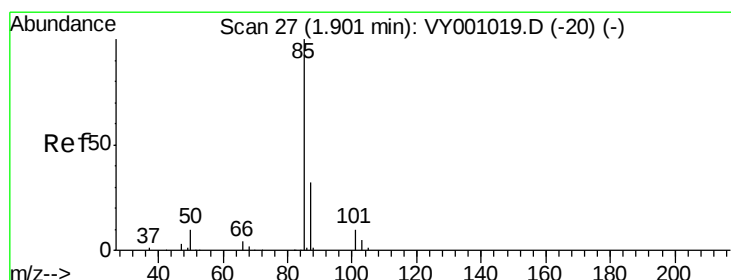
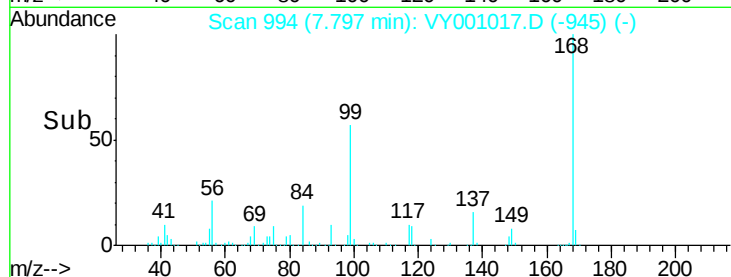
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 10.668 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001017.D

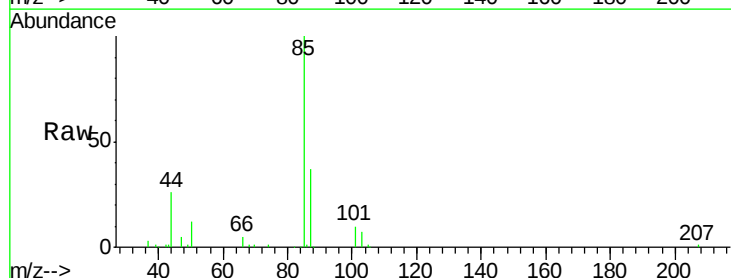
Acq: 23 Dec 2019 10:23

Tgt Ion: 85 Resp: 30899

Ion Ratio Lower Upper

85 100

87 37.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001017.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001017.D (-1) (-)

1.90

20000

15000

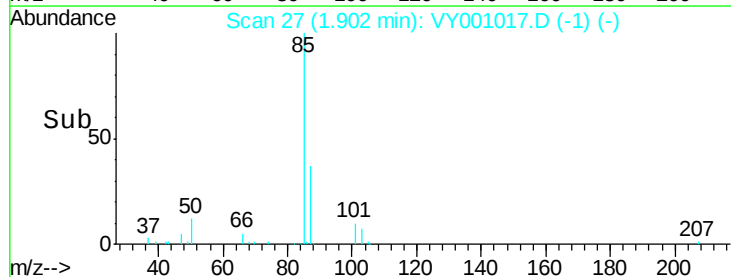
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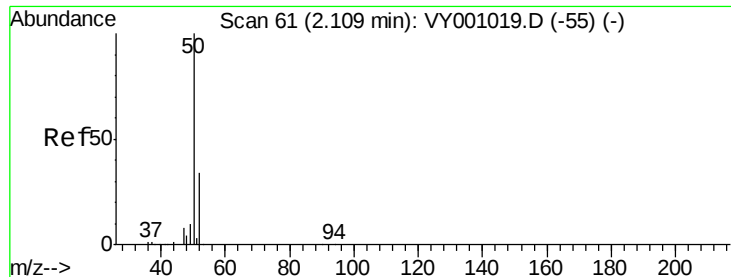
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 10.754 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 40902

Ion Ratio Lower Upper

50 100

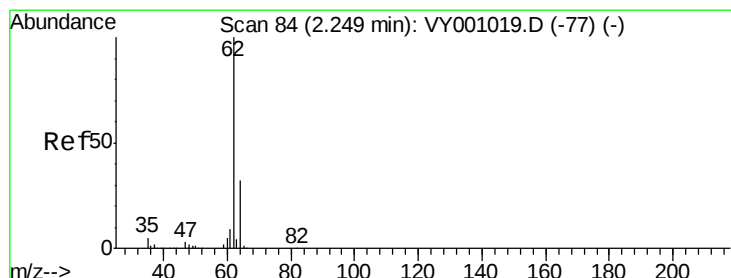
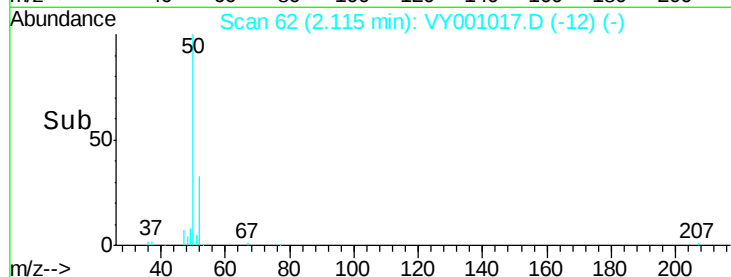
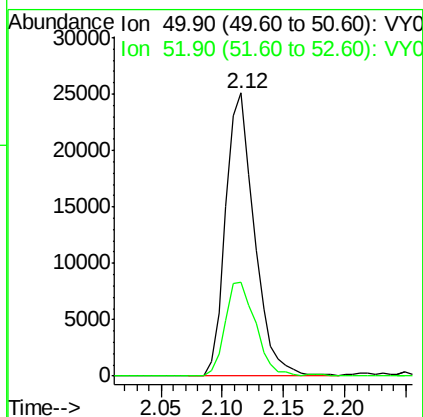
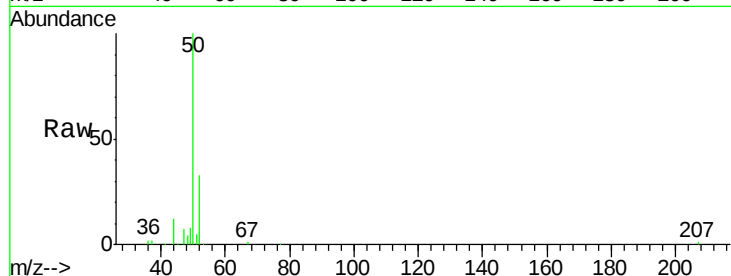
52 33.2 27.1 40.7

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#4

Vinyl Chloride

Concen: 11.195 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001017.D

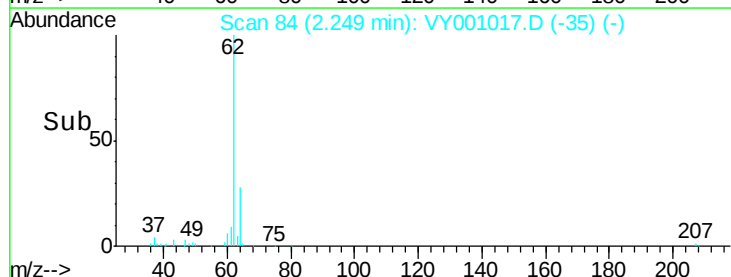
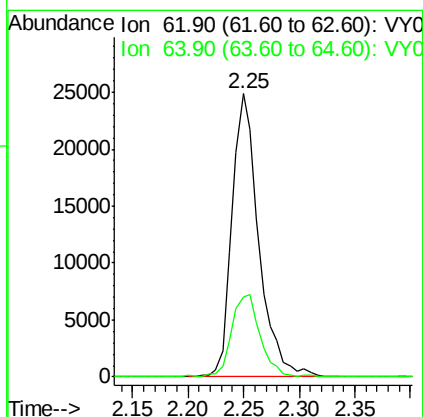
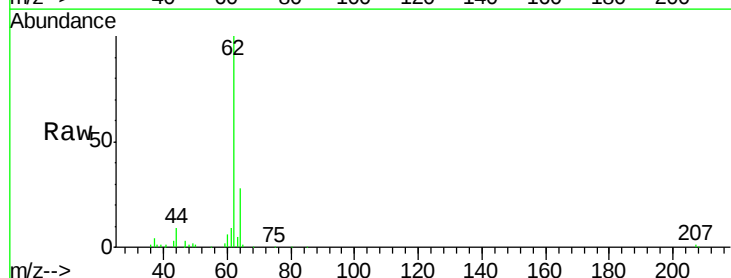
Acq: 23 Dec 2019 10:23

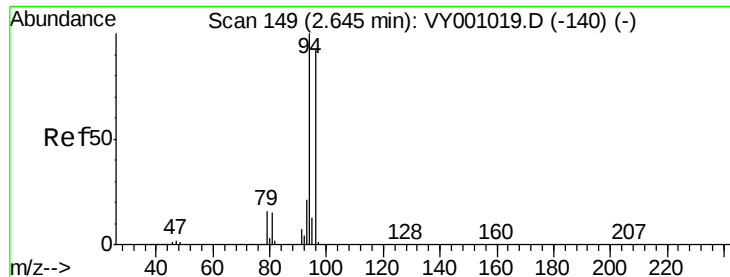
Tgt Ion: 62 Resp: 41502

Ion Ratio Lower Upper

62 100

64 28.0 25.6 38.4





#5

Bromomethane

Concen: 11.740 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 26444

Ion Ratio Lower Upper

94 100

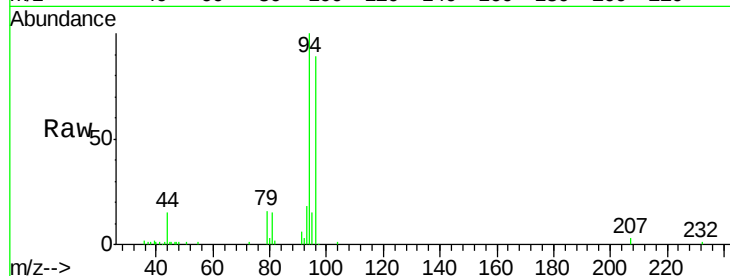
96 89.3 74.2 111.4

Manual Integrations

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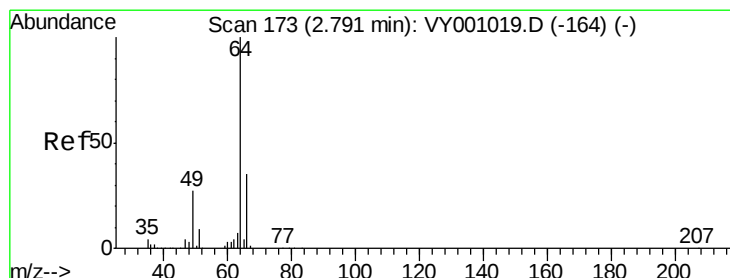
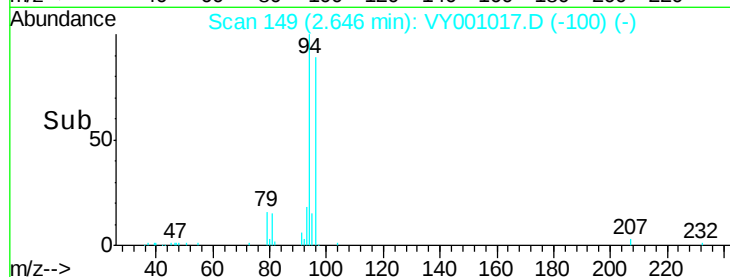
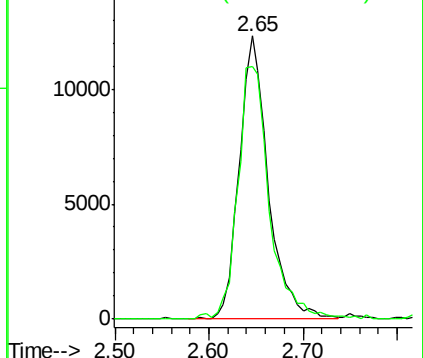
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.503 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001017.D

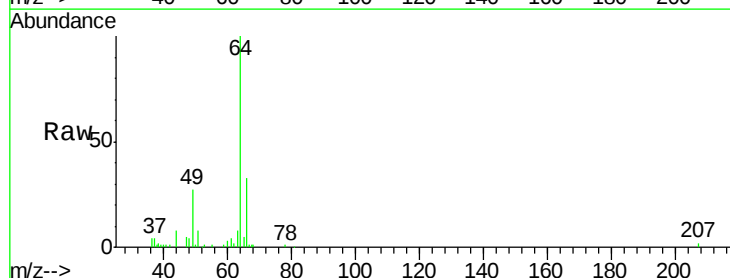
Acq: 23 Dec 2019 10:23

Tgt Ion: 64 Resp: 24066

Ion Ratio Lower Upper

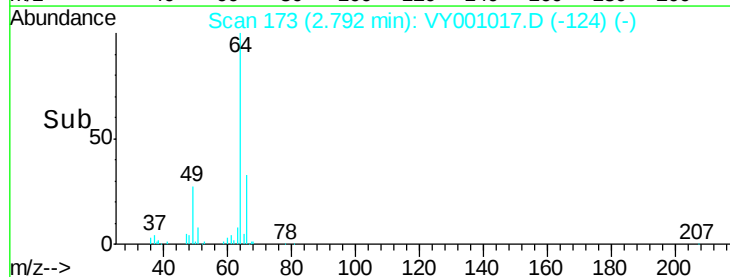
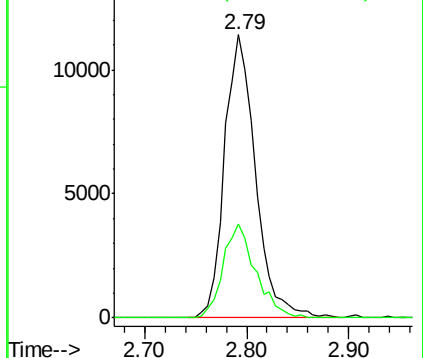
64 100

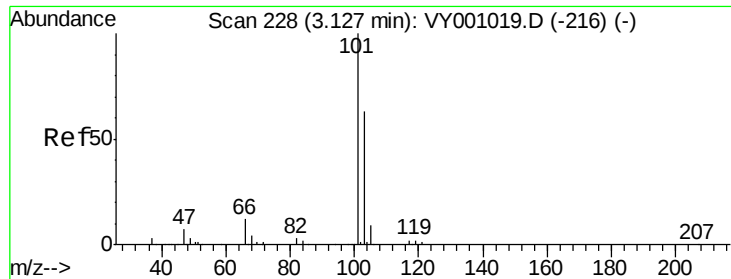
66 33.1 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

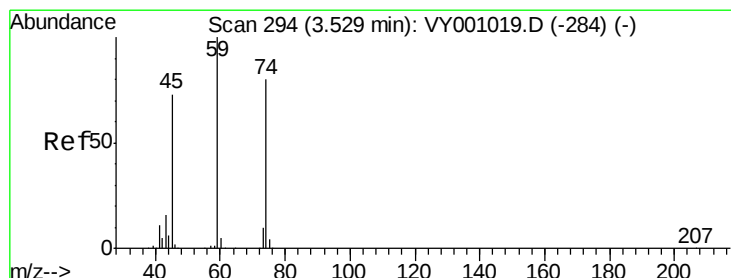
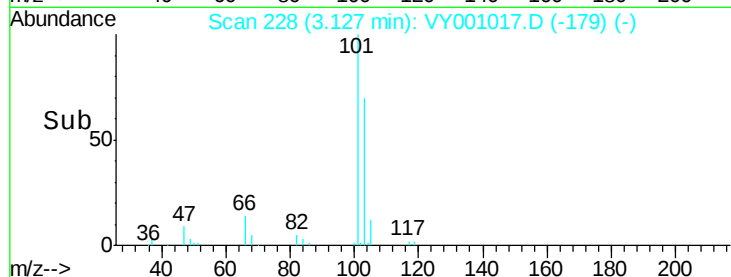
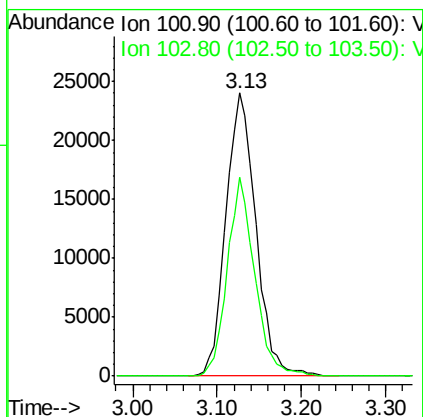
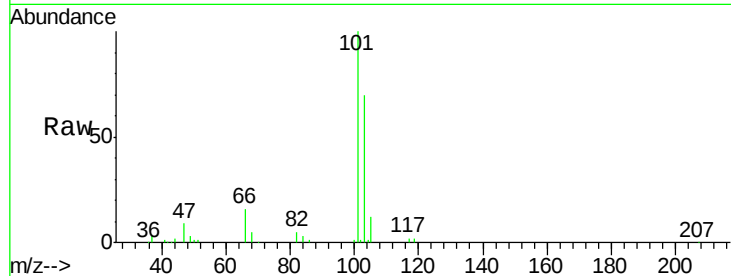
Trichlorofluoromethane
Concen: 10.868 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

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Tot Ion	Ratio	Lower	Upper
101	100		
103	70.4	50.2	75.2

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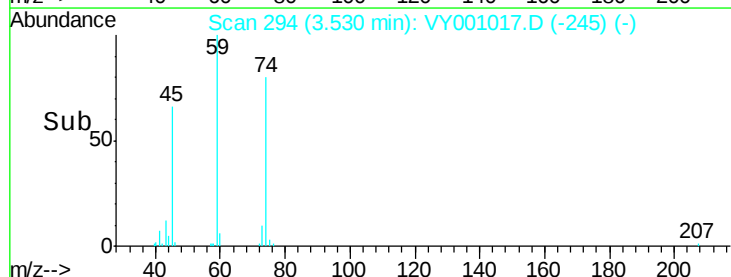
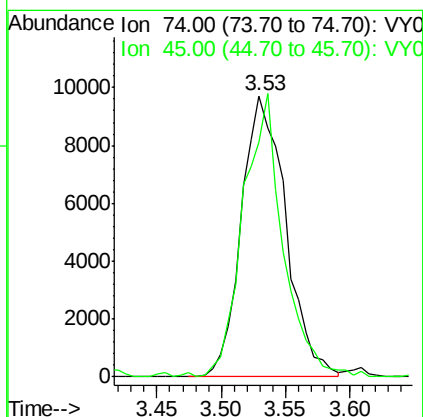
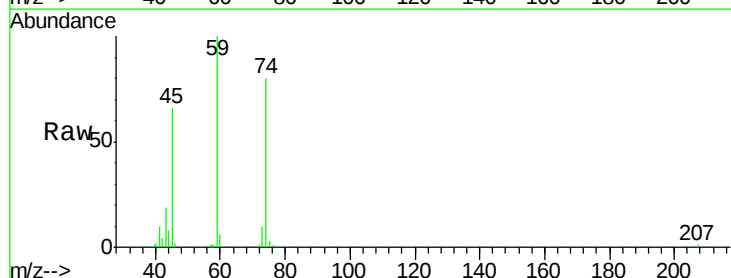
apatel
12/24/2019 11:05:23 AM

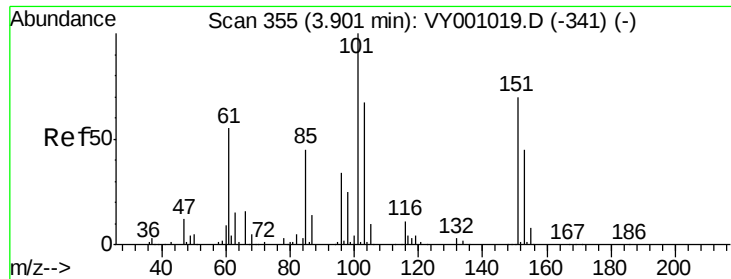


#8

Diethyl Ether
Concen: 10.908 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.958 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

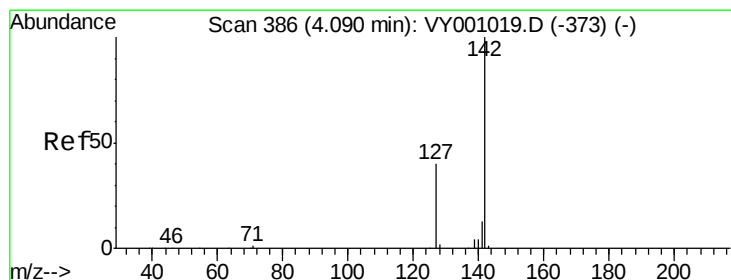
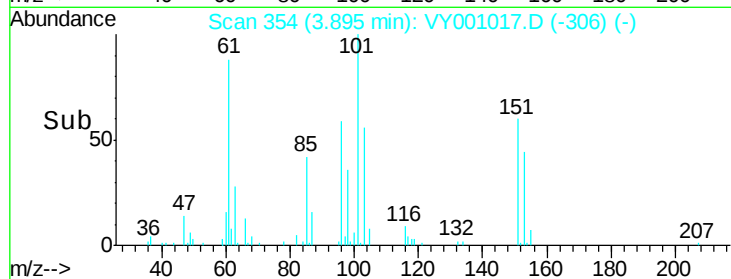
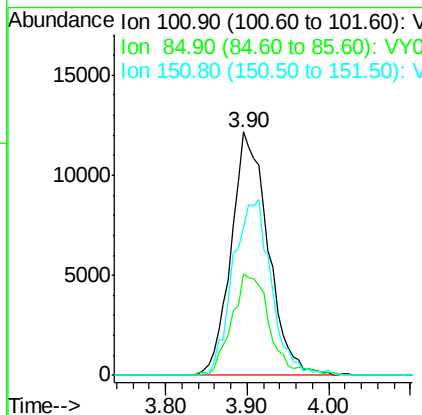
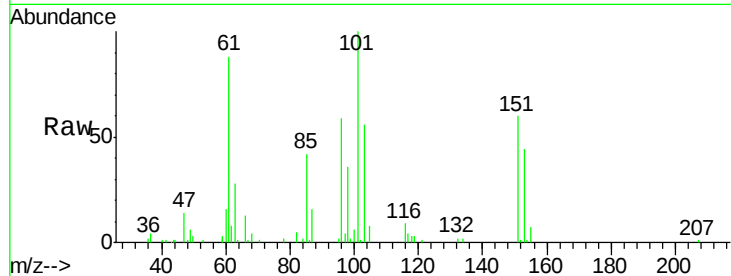
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	38006
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.2
151	75.0	57.0	85.6

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#10

Methyl Iodide

Concen: 10.344 ug/l

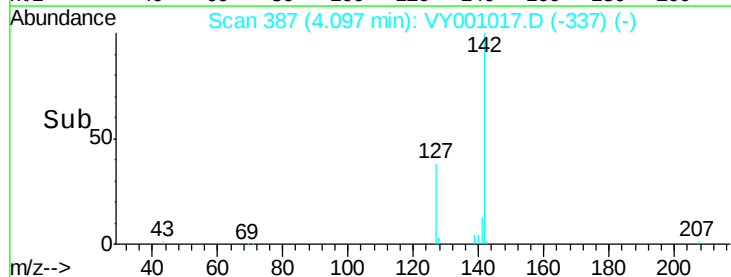
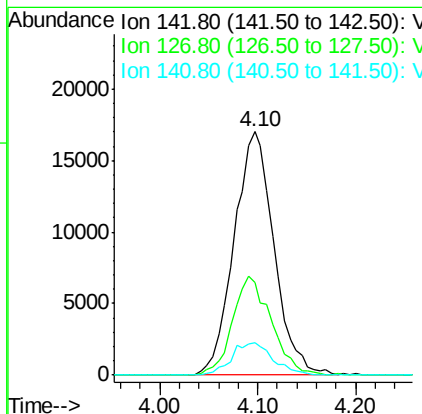
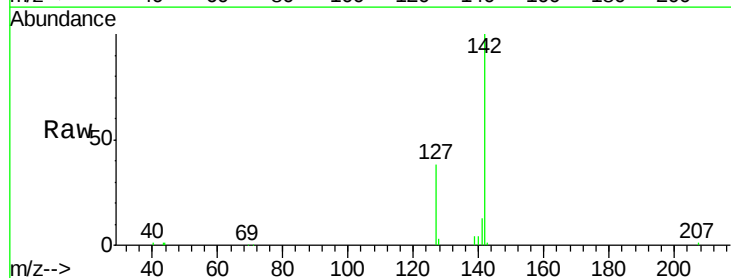
RT: 4.10 min Scan# 387

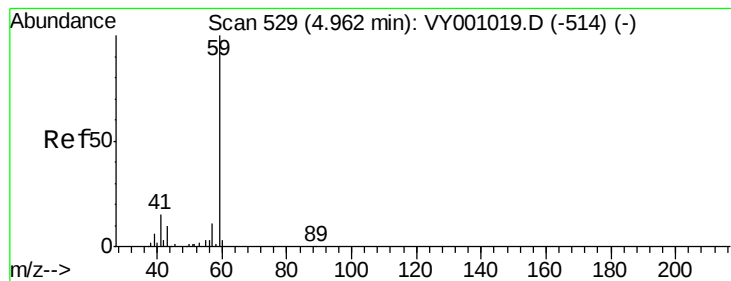
Delta R.T. 0.01 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Tgt Ion:	142	Resp:	48128
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.2	46.8
141	13.7	11.0	16.4





#11

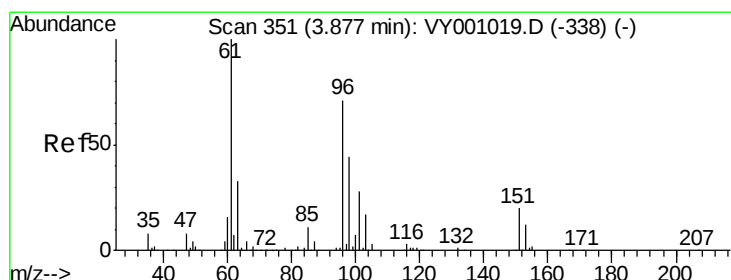
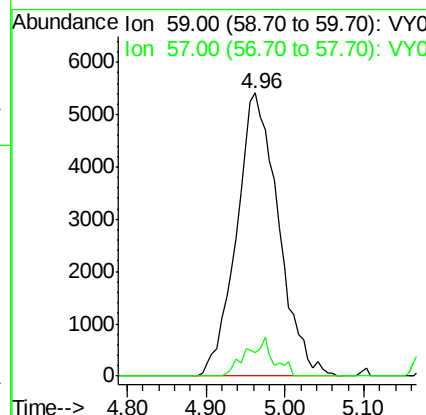
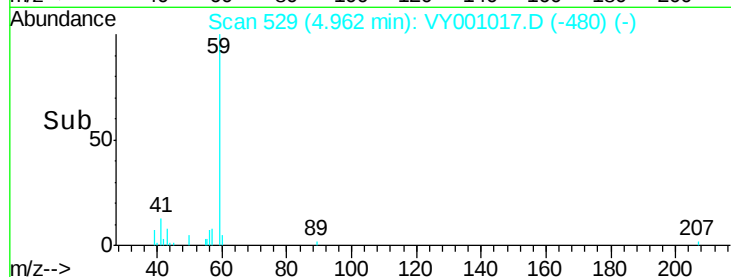
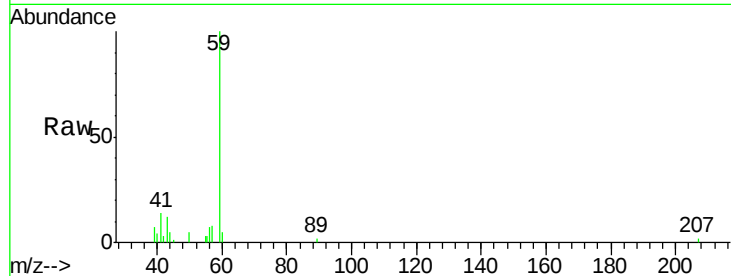
Tert butyl alcohol
Concen: 59.319 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	7.8	11.6

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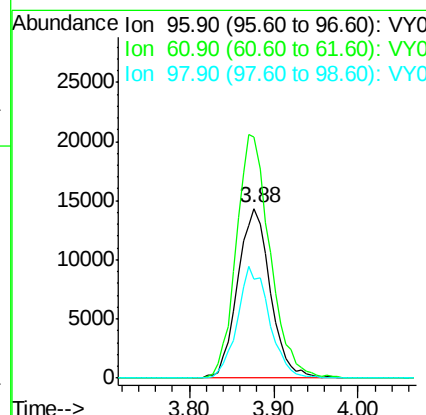
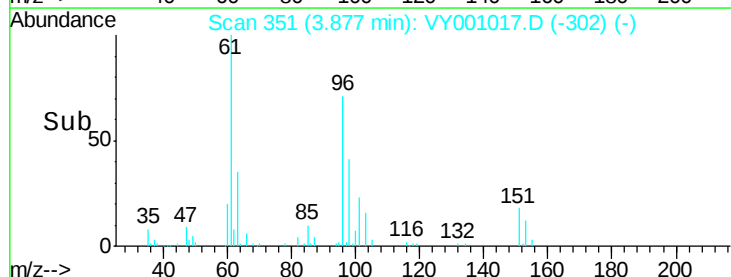
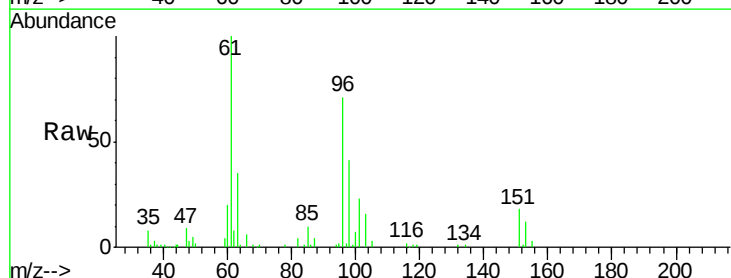
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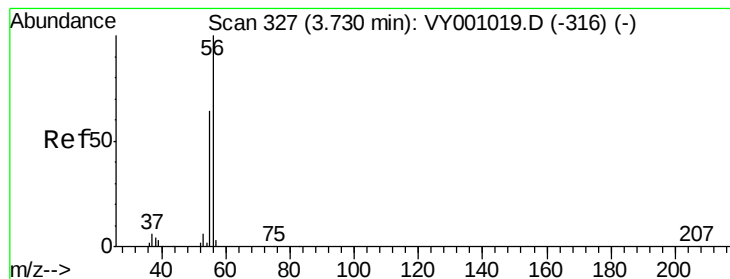


#12

1,1-Dichloroethene
Concen: 10.794 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.7	113.0	169.4
98	58.5	49.8	74.8





#13

Acrolein

Concen: 57.211 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 21628

Ion Ratio Lower Upper

56 100

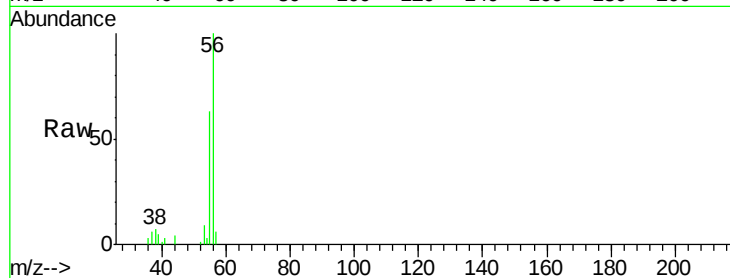
55 67.4 55.6 83.4

Manual Integrations

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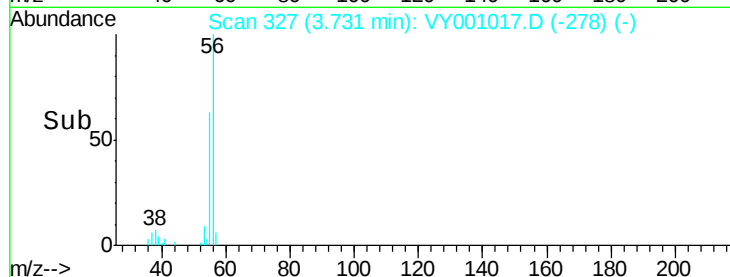


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.73

Time-->



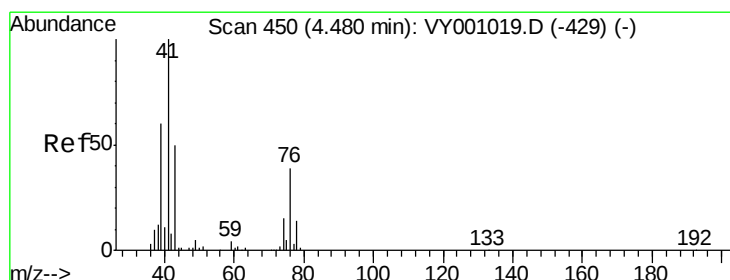
Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.73

Time-->



#14

Allyl chloride

Concen: 10.711 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

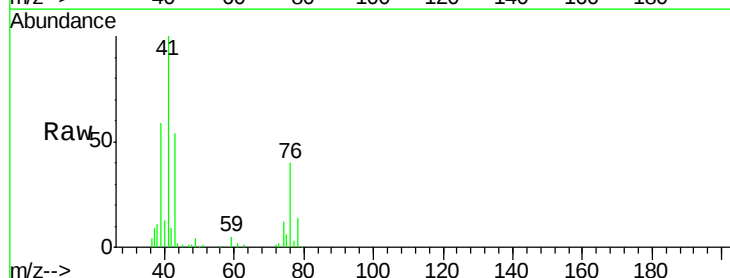
Tgt Ion: 41 Resp: 59939

Ion Ratio Lower Upper

41 100

39 57.0 46.0 69.0

76 37.9 32.6 48.8



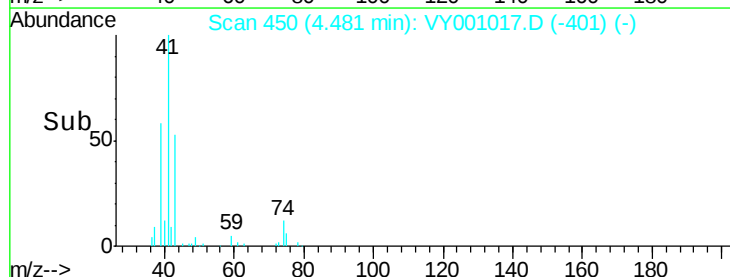
Abundance Ion 41.00 (40.70 to 41.70): VY0

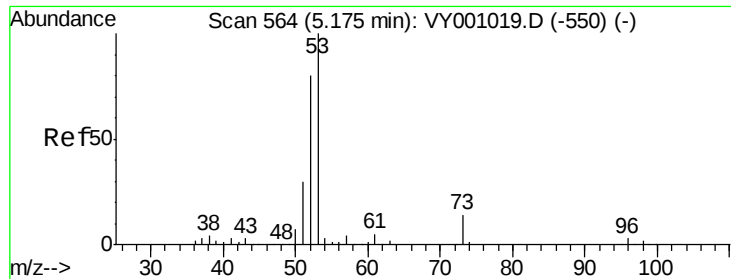
Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.48

Time-->





#15

Acrylonitrile

Concen: 53.643 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

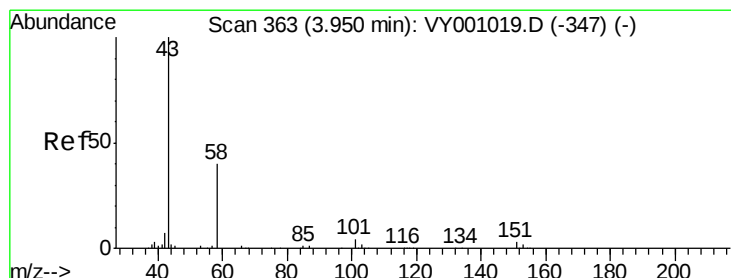
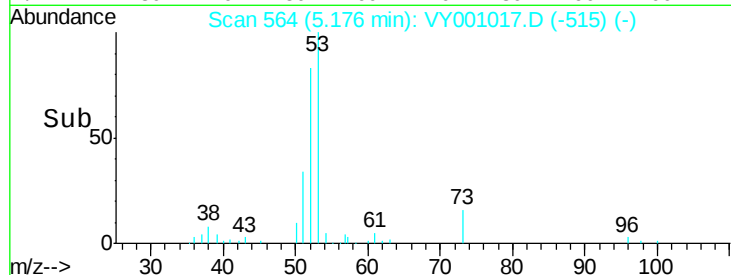
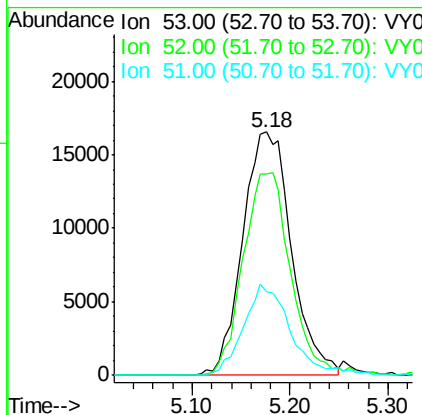
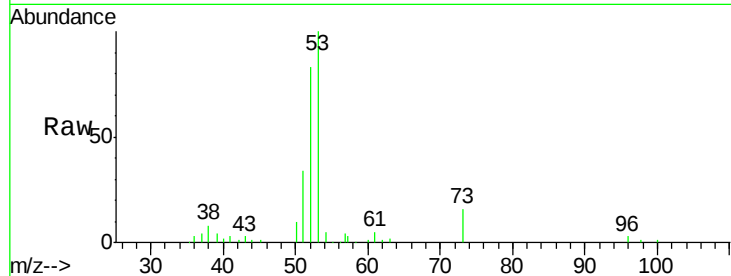
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	57515
Ion Ratio	Lower	Upper	
53	100		
52	81.2	63.6	95.4
51	36.0	26.7	40.1

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#16

Acetone

Concen: 56.122 ug/l

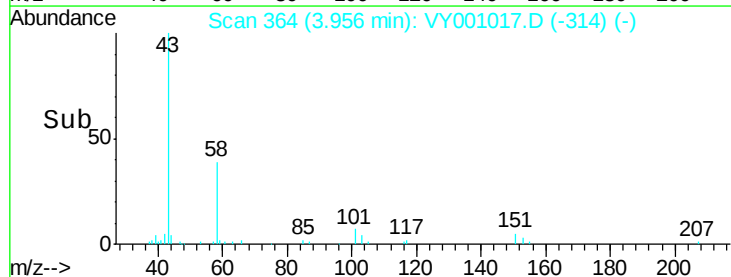
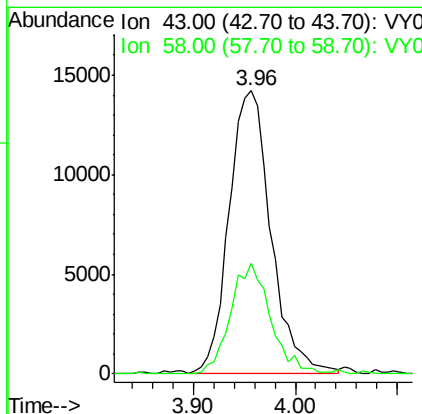
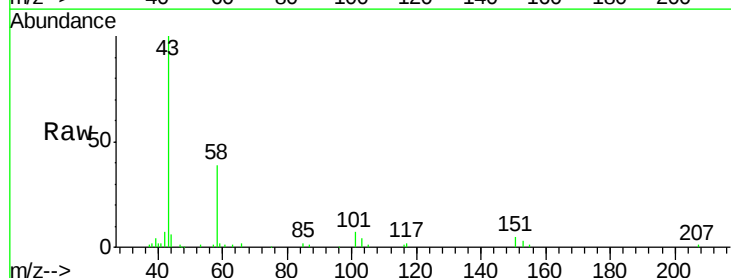
RT: 3.96 min Scan# 364

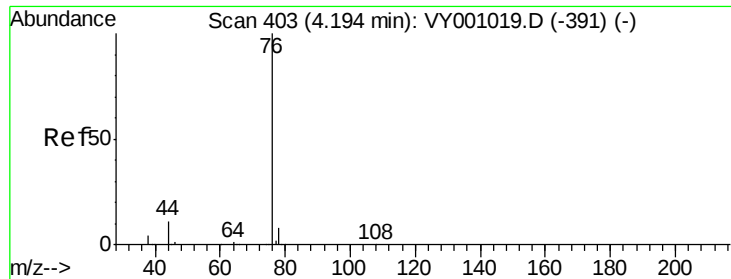
Delta R.T. 0.01 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Tgt Ion:	43	Resp:	40162
Ion Ratio	Lower	Upper	
43	100		
58	39.3	32.1	48.1





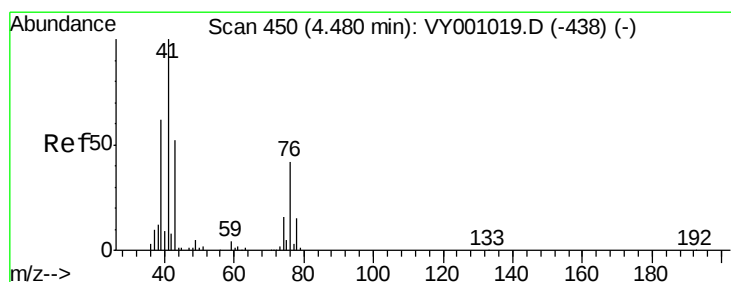
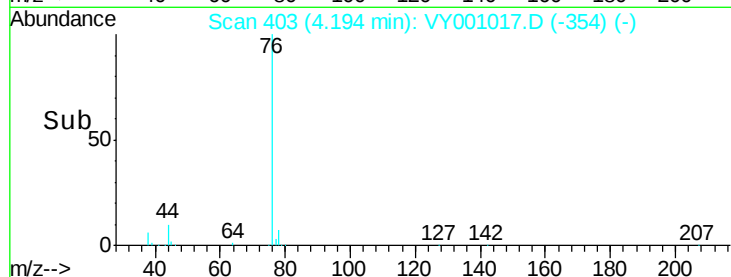
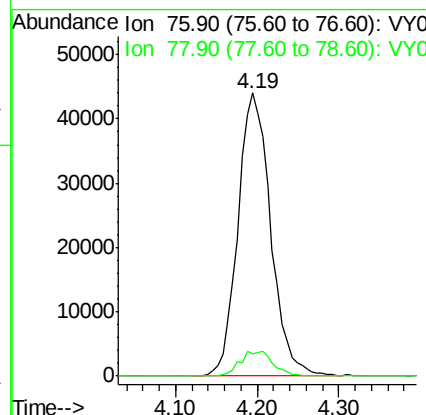
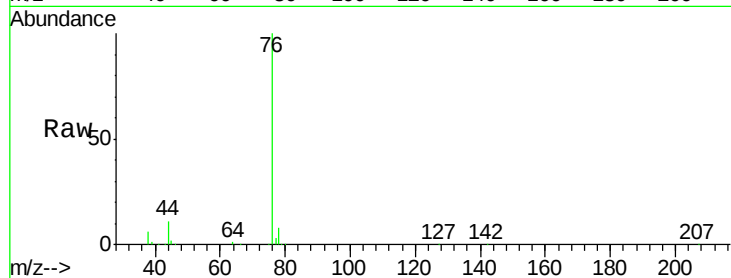
#17
Carbon Disulfide
Concen: 10.801 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	6.7	10.1

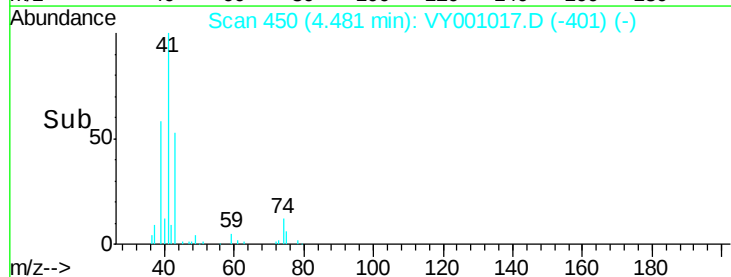
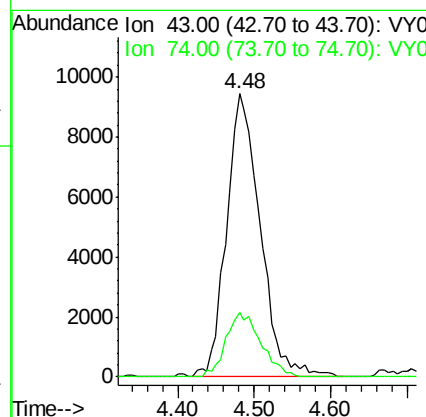
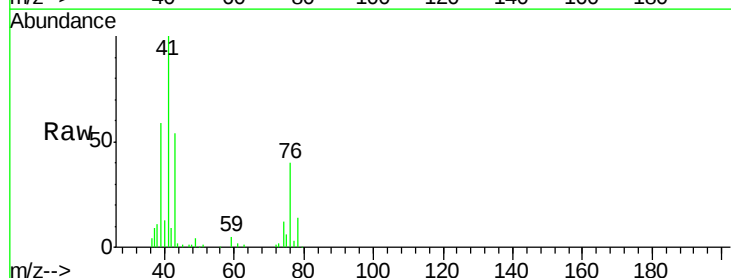
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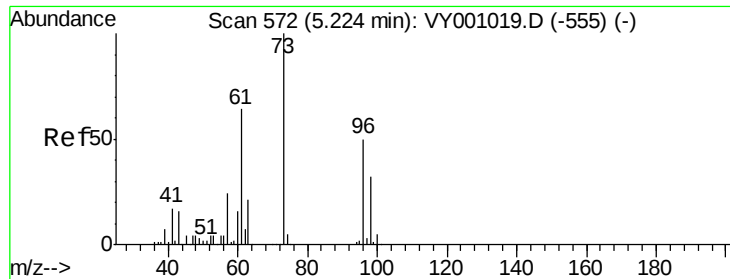
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#18
Methyl Acetate
Concen: 10.139 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	20.7	31.1





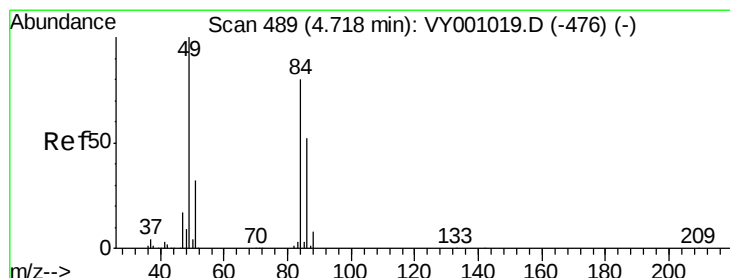
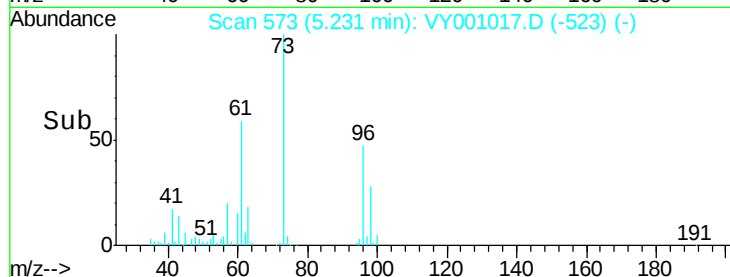
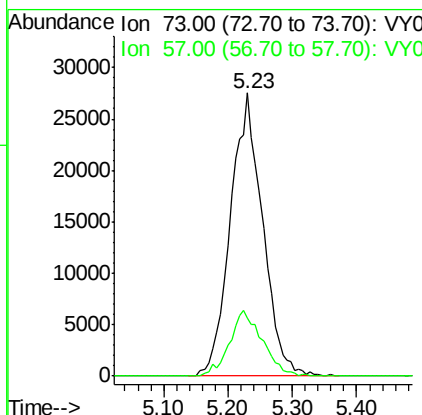
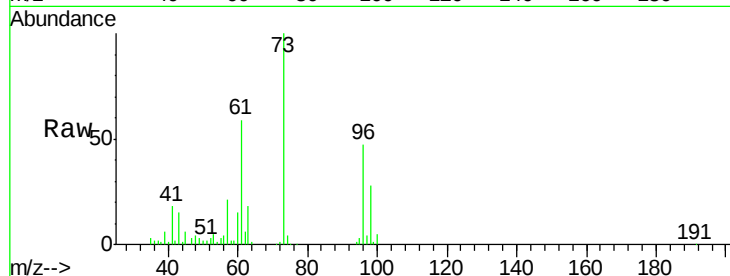
#19
Methyl tert-butyl Ether
Concen: 10.526 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 95623
Ion Ratio Lower Upper
73 100
57 20.7 19.0 28.6

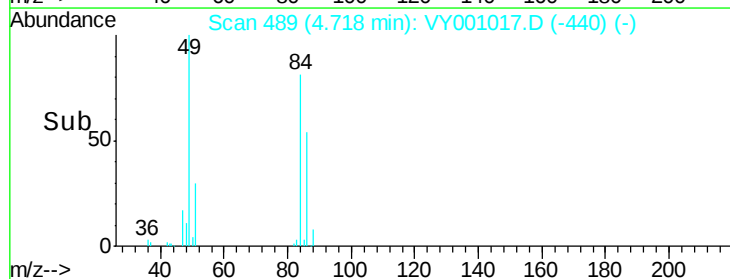
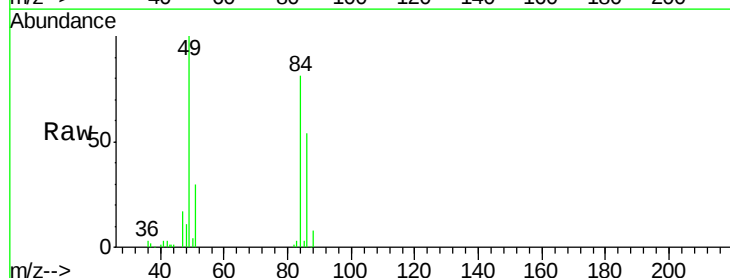
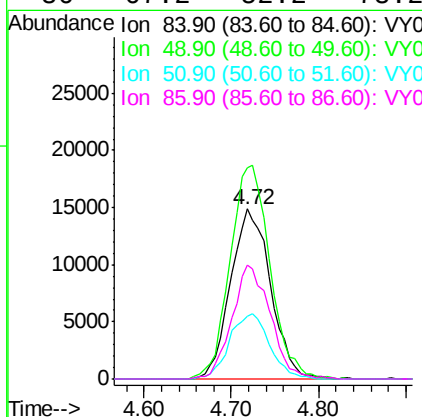
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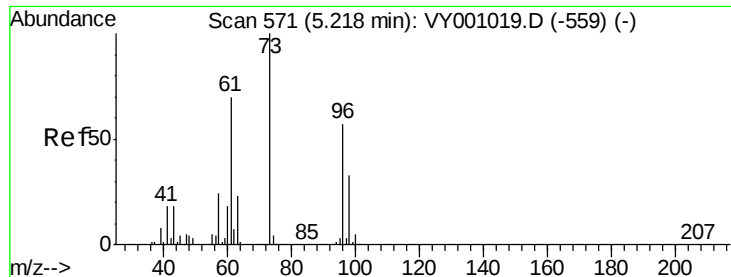
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#20
Methylene Chloride
Concen: 11.403 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion: 84 Resp: 47139
Ion Ratio Lower Upper
84 100
49 124.2 99.8 149.6
51 36.7 31.4 47.2
86 67.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 10.777 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

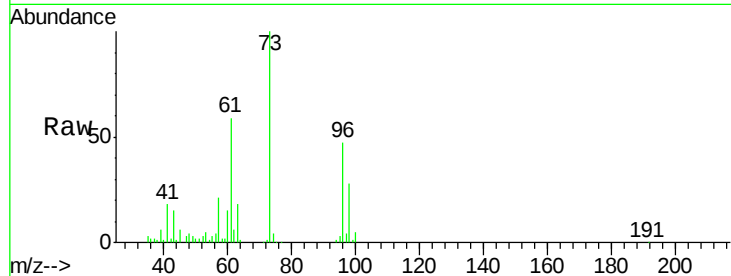
ClientSampleId :

VSTDIC010

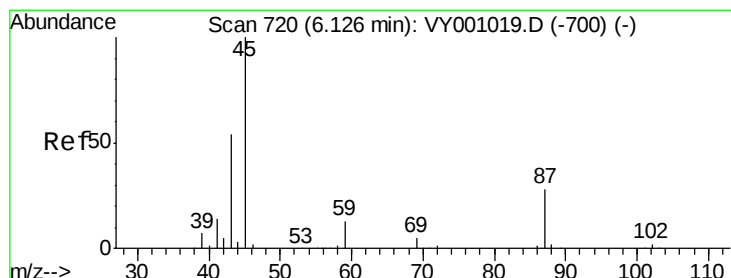
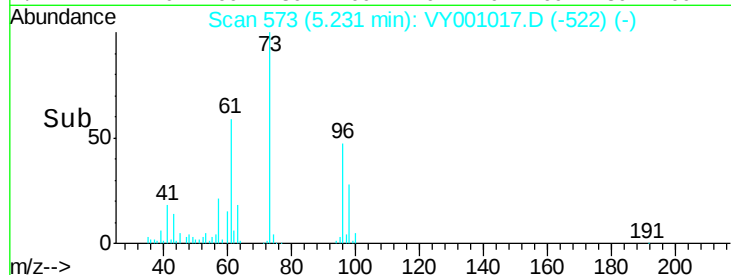
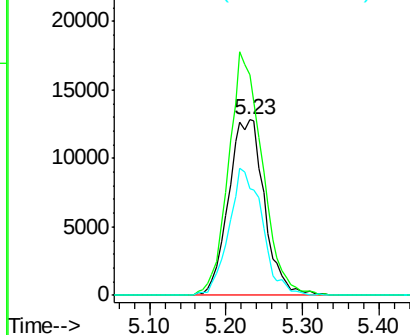
Tot Ion:	96	Resp:	41699
Ion	Ratio	Lower	Upper
96	100		
61	125.7	98.1	147.1
98	60.6	47.2	70.8

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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 10.819 ug/l

RT: 6.13 min Scan# 720

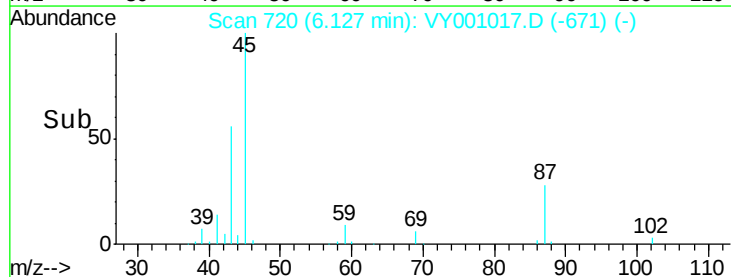
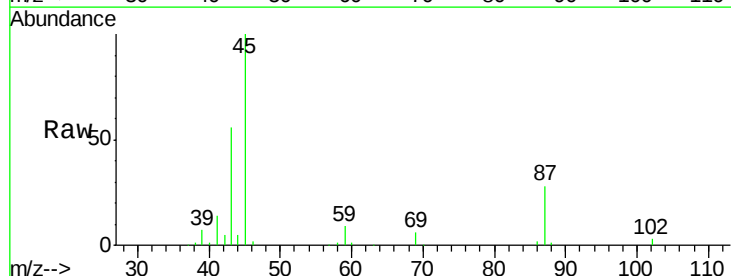
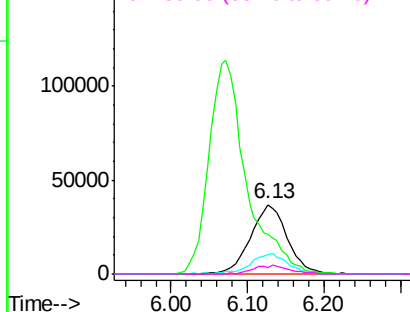
Delta R.T. 0.00 min

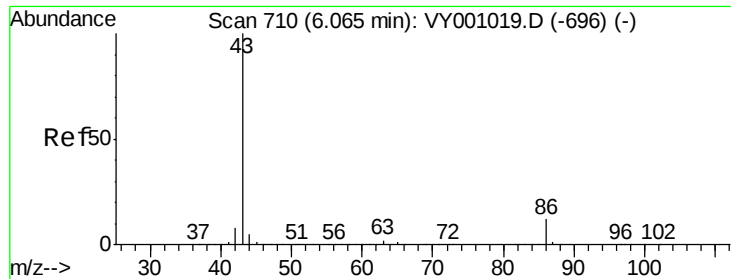
Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Tgt Ion:	45	Resp:	122710
Ion	Ratio	Lower	Upper
45	100		
43	55.6	43.6	65.4
87	28.0	23.1	34.7
59	9.4	10.2	15.4#

Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 54.727 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 389129

Ion Ratio Lower Upper

43 100

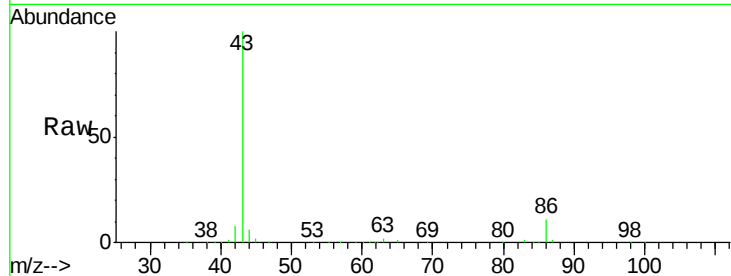
86 11.3 9.5 14.3

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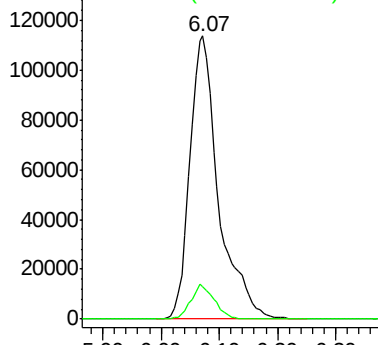
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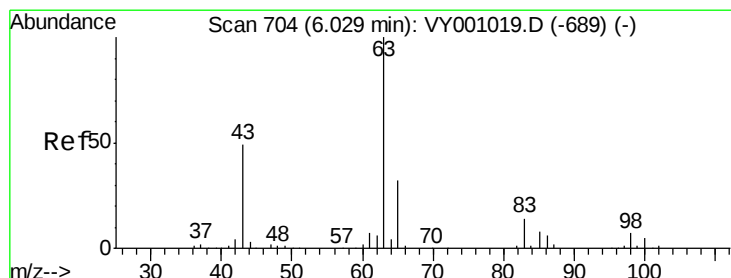
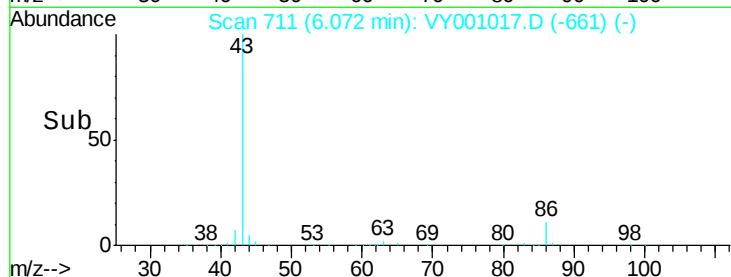


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 10.723 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

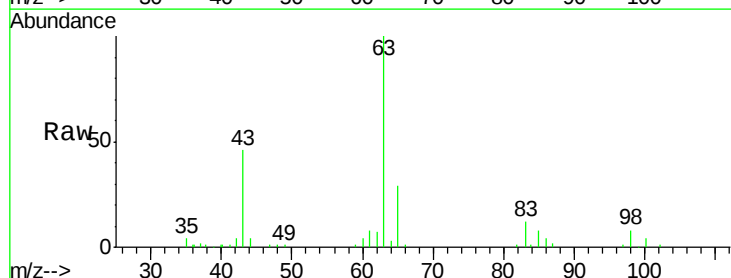
Tgt Ion: 63 Resp: 70499

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

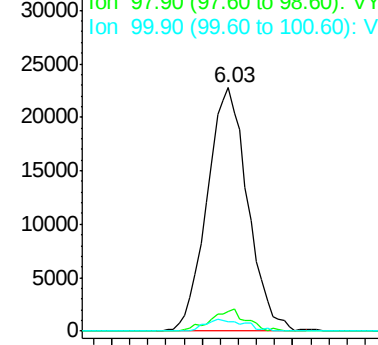
100 3.8 2.5 7.5



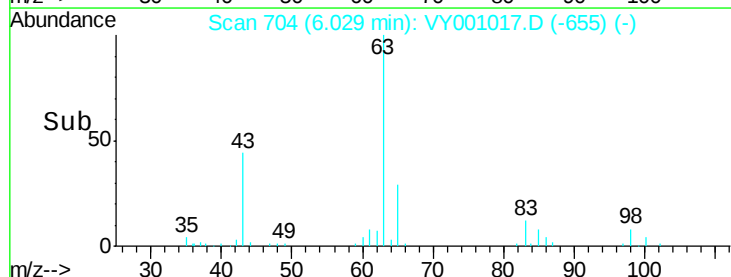
Abundance Ion 62.90 (62.60 to 63.60): VY0

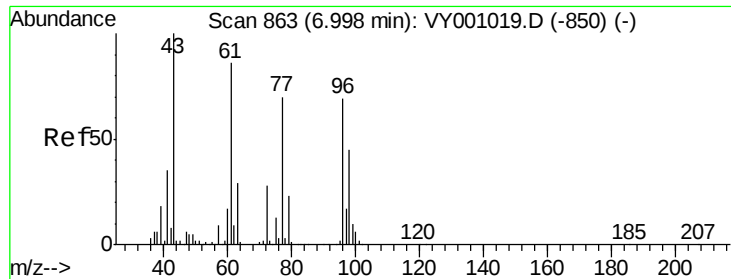
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 53.969 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 69500

Ion Ratio Lower Upper

43 100

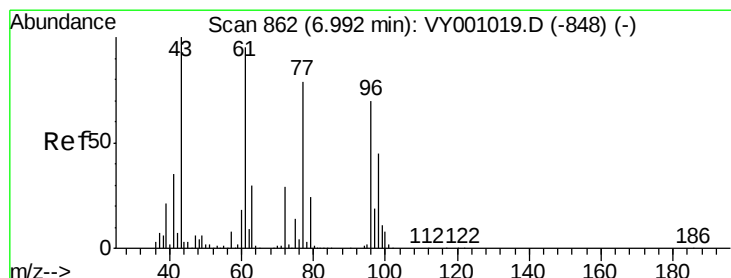
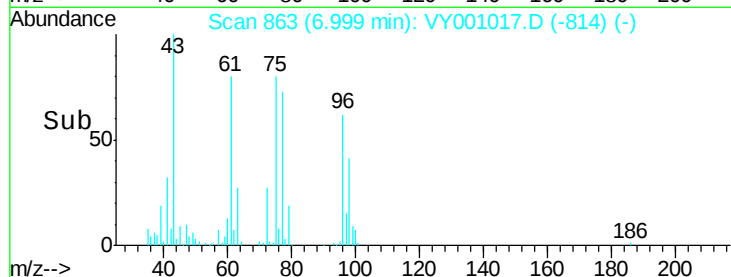
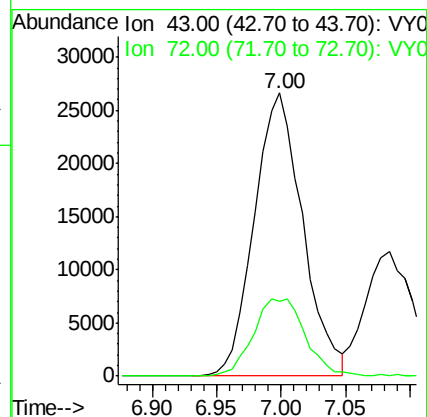
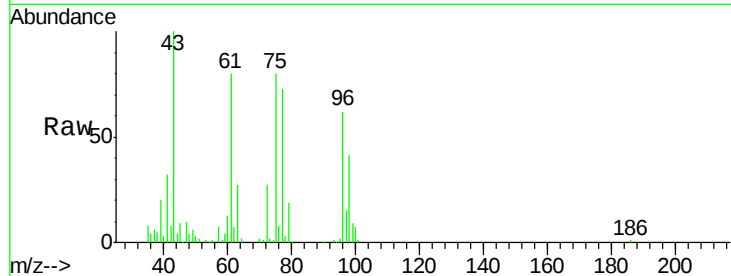
72 26.6 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 10.738 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001017.D

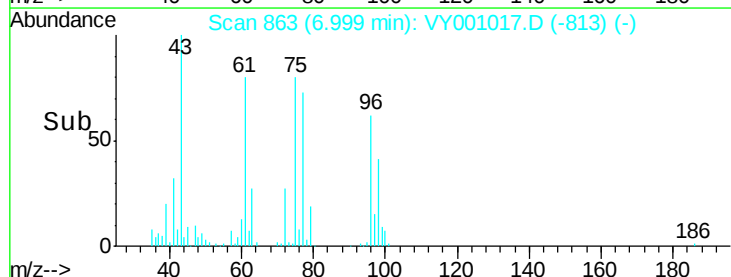
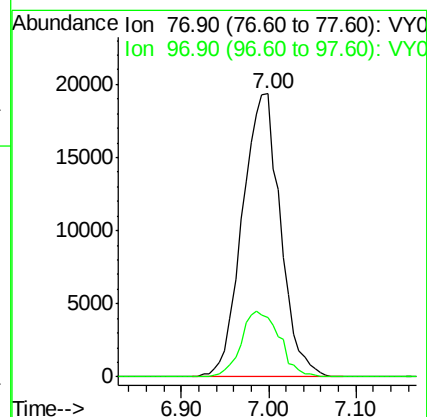
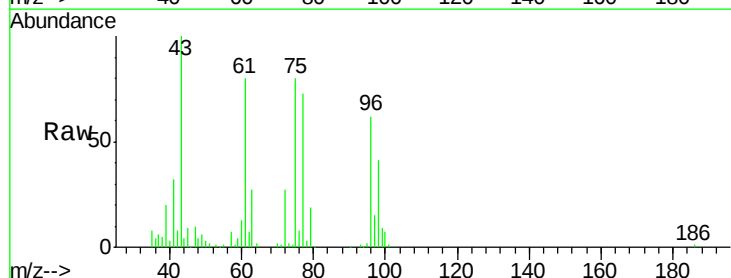
Acq: 23 Dec 2019 10:23

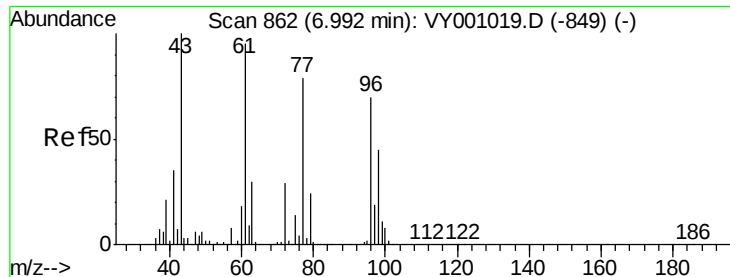
Tgt Ion: 77 Resp: 58485

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

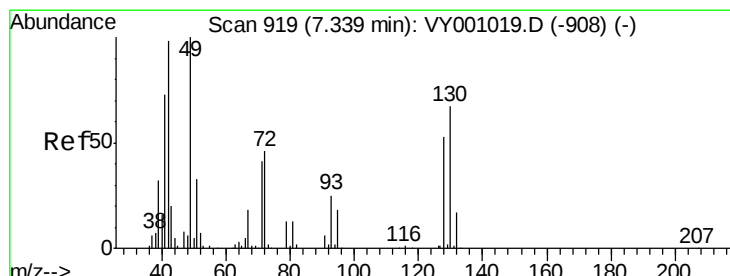
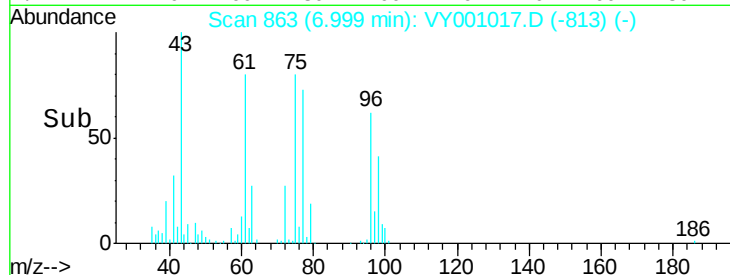
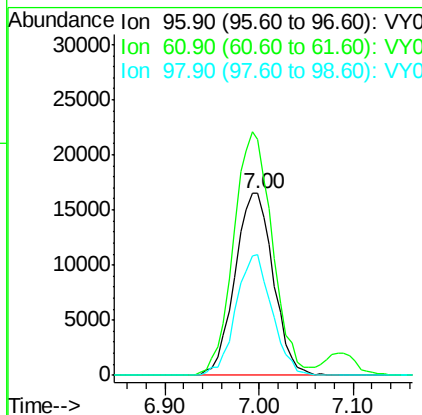
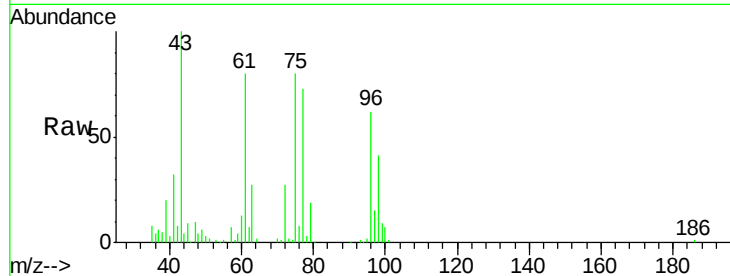
cis-1,2-Dichloroethene
Concen: 11.032 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleID :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.5	0.0	268.2	
98	62.2	0.0	129.2	

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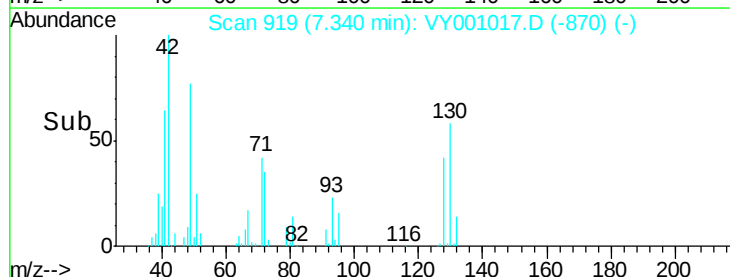
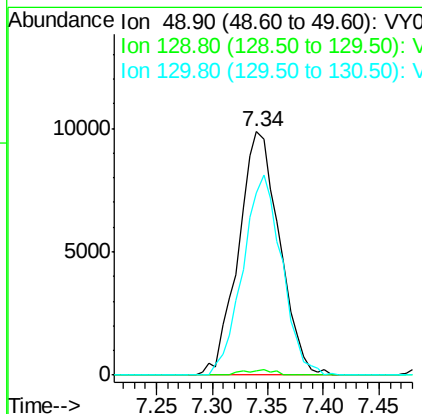
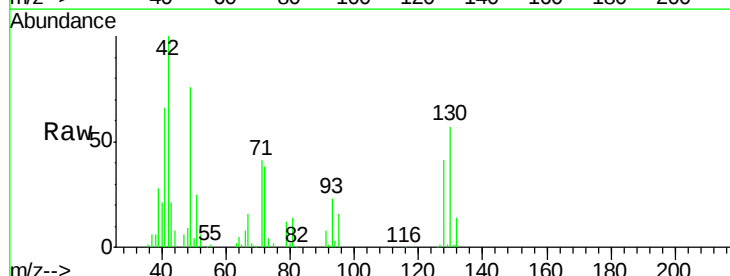
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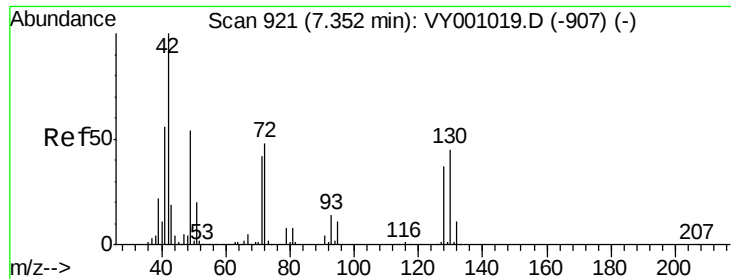


#28

Bromochloromethane
Concen: 9.979 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	3.8	
130	78.2	60.4	90.6	





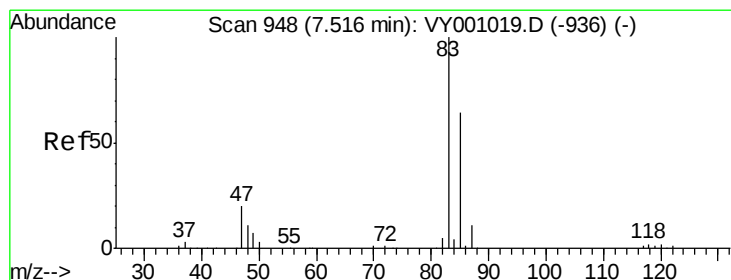
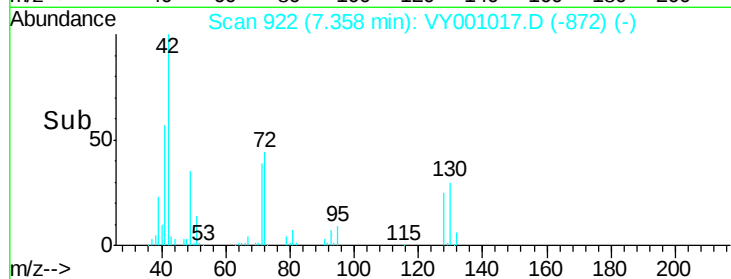
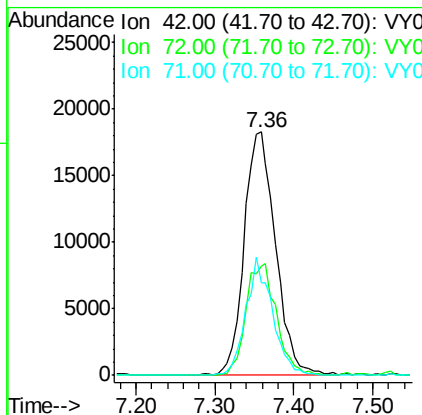
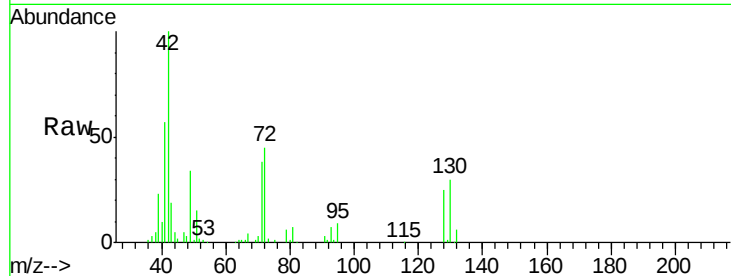
#29
Tetrahydrofuran
Concen: 56.040 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	37.7	56.5
71	40.9	34.6	51.8

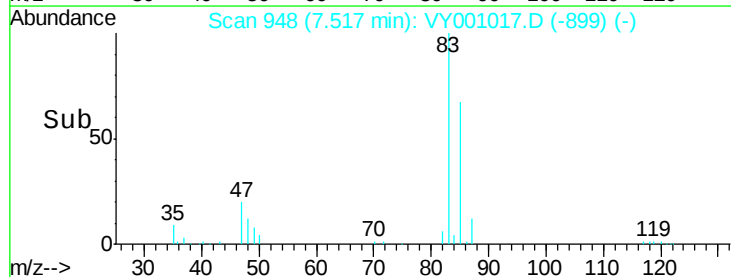
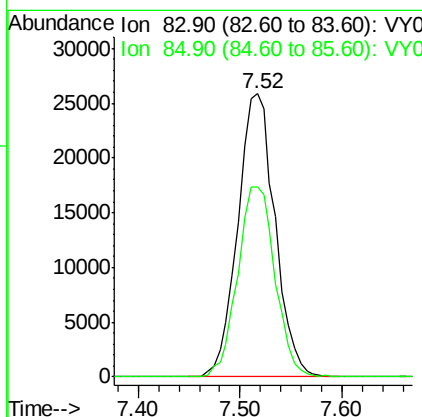
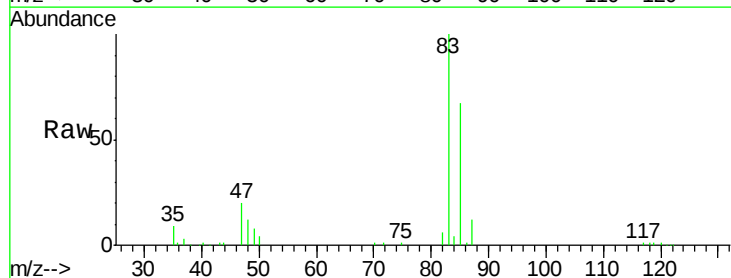
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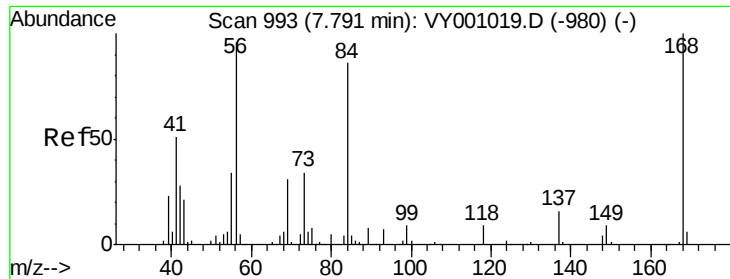
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#30
Chloroform
Concen: 10.499 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.6	77.4





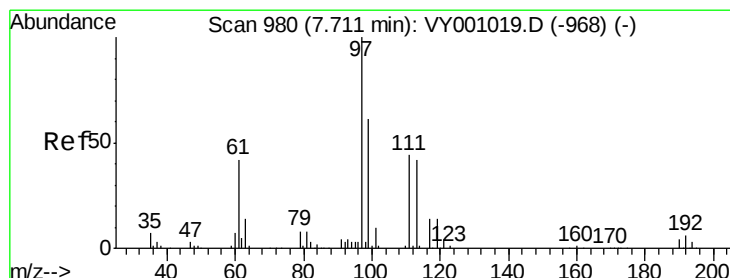
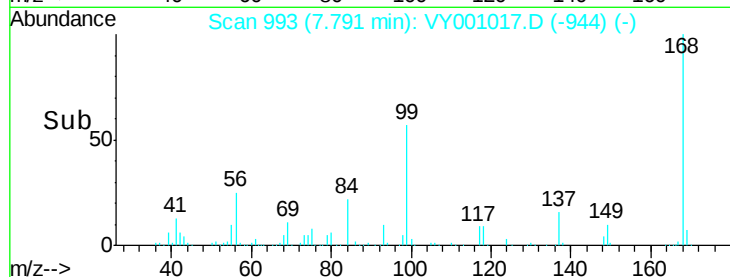
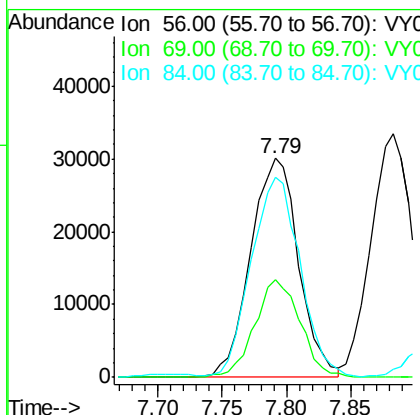
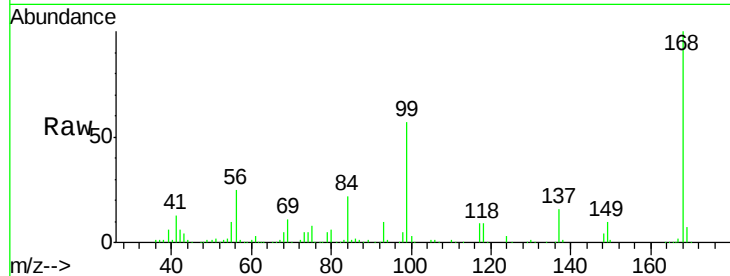
#31
Cyclohexane
Concen: 11.169 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	44.6	26.1	39.1#
84	90.1	71.8	107.8

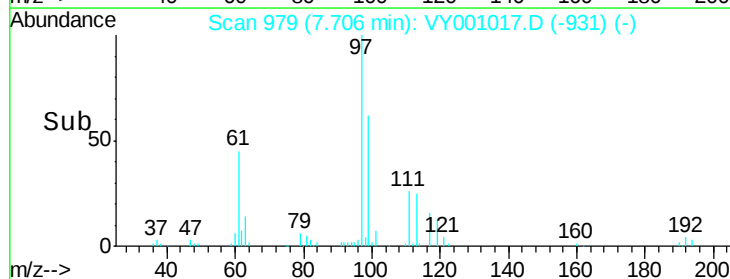
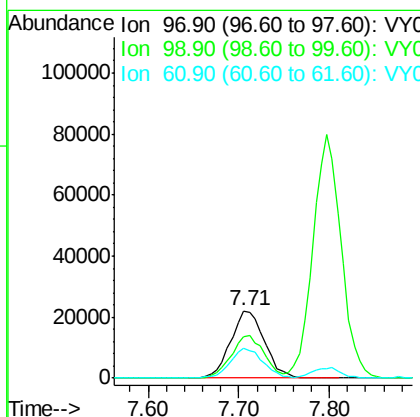
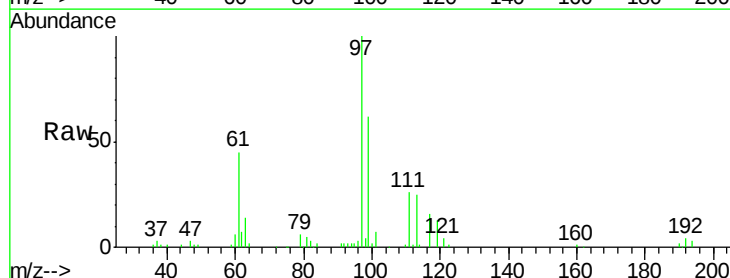
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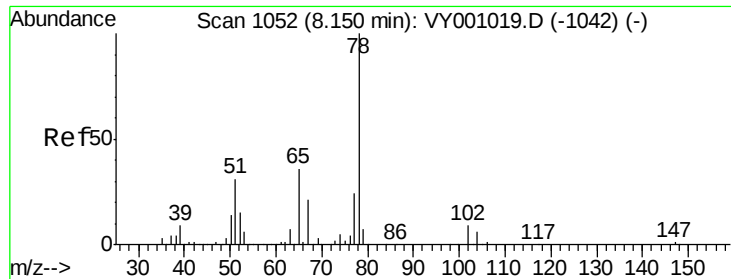
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#32
1,1,1-Trichloroethane
Concen: 10.725 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.6	50.6	76.0
61	43.1	33.0	49.6





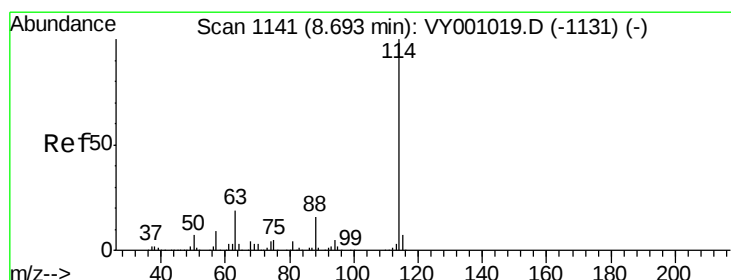
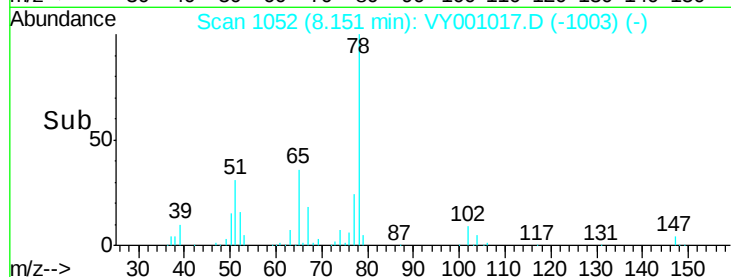
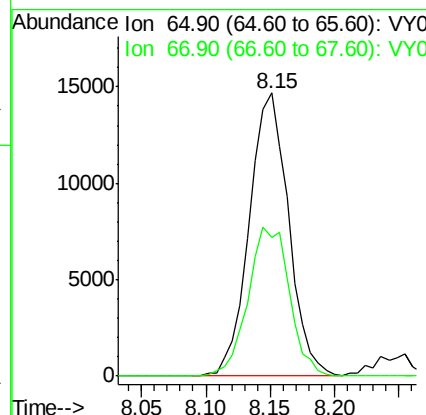
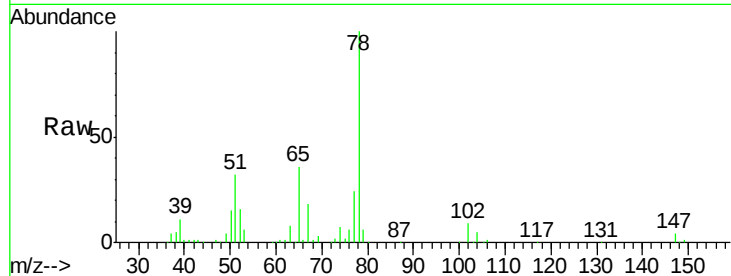
#33
 1,2-Dichloroethane-d4
 Concen: 10.037 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.5	0.0	112.8	

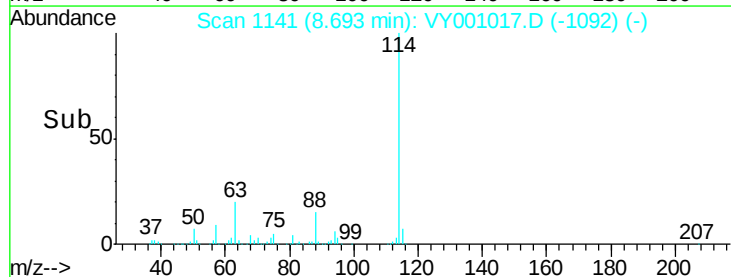
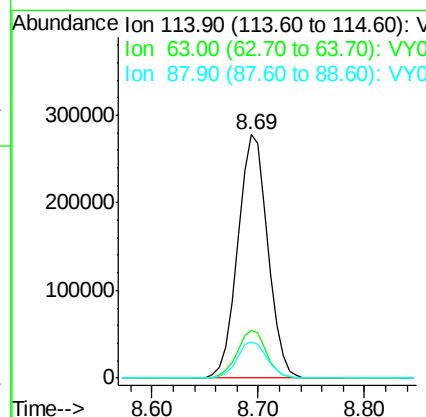
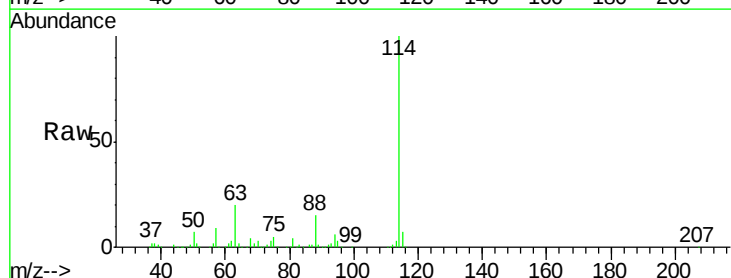
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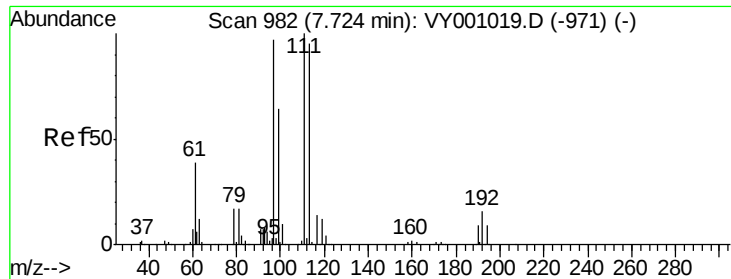
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.6	0.0	37.0	
88	14.9	0.0	32.0	





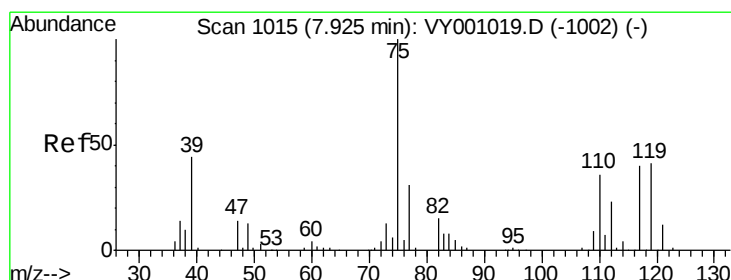
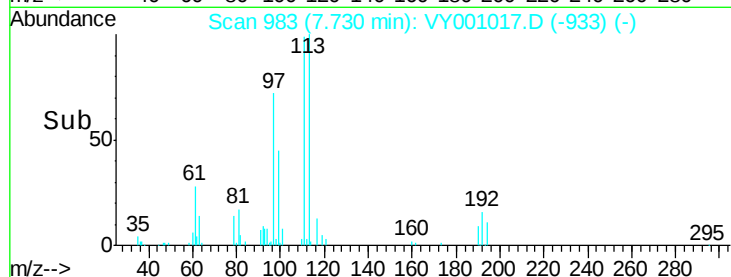
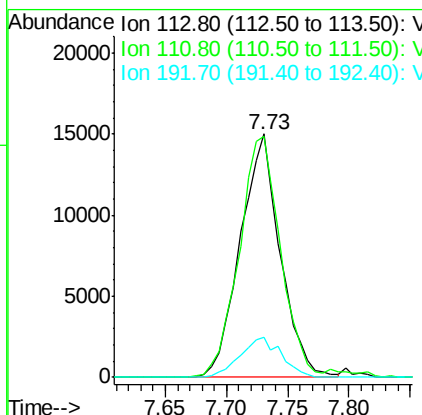
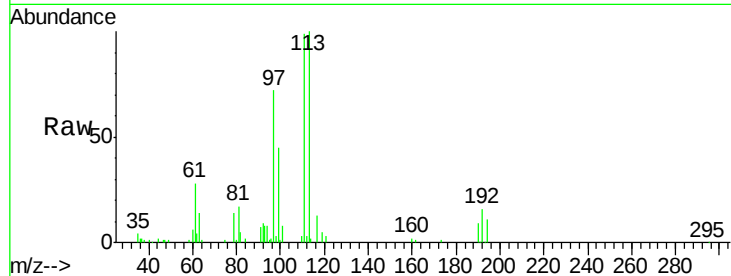
#35
 Dibromofluoromethane
 Concen: 10.658 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	16.8	14.6	21.8

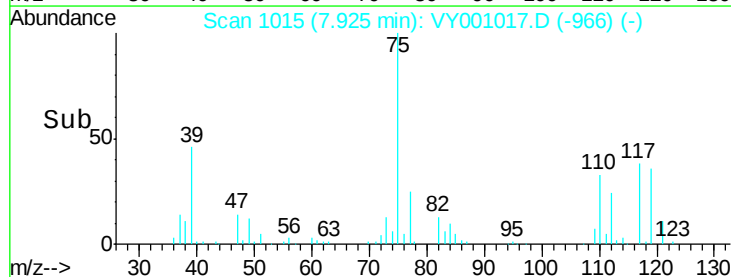
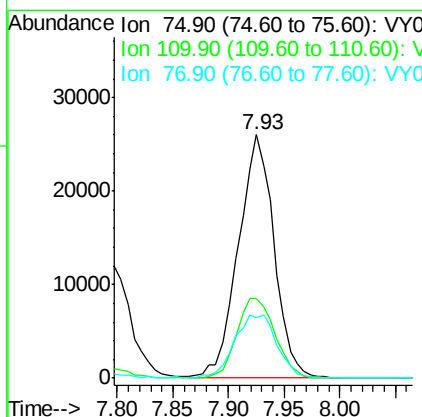
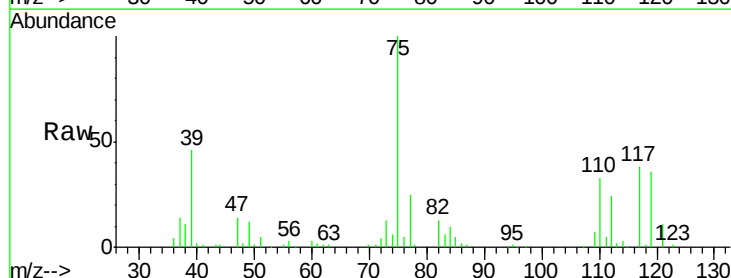
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#36
 1,1-Dichloropropene
 Concen: 10.933 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.4
77	30.7	24.6	37.0





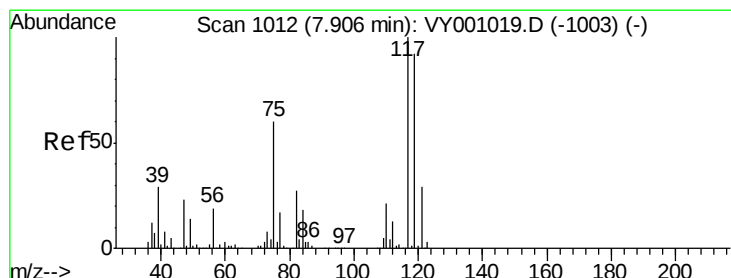
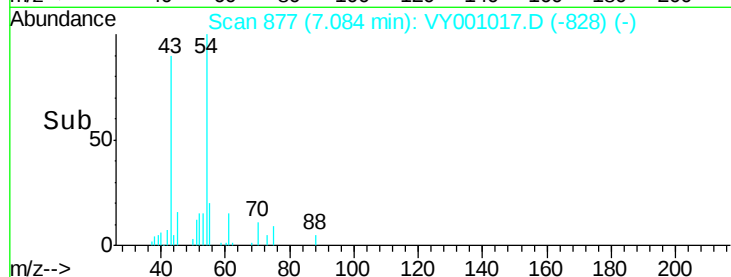
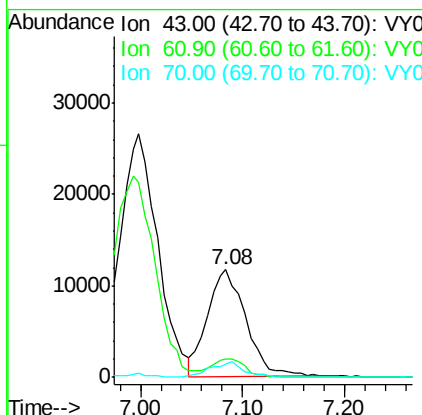
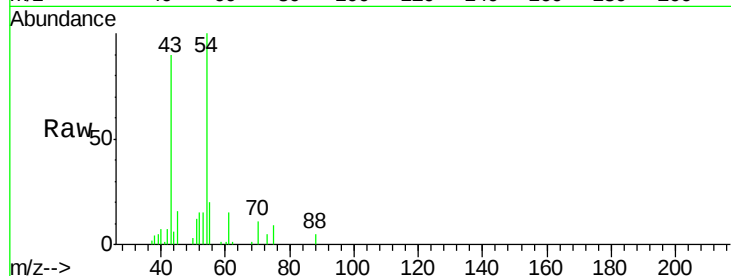
#37
Ethyl Acetate
Concen: 10.328 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	12.8	9.0	13.4

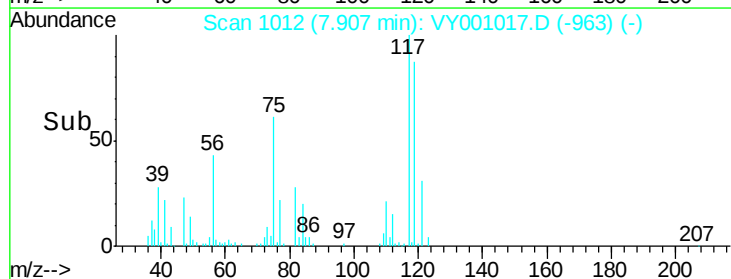
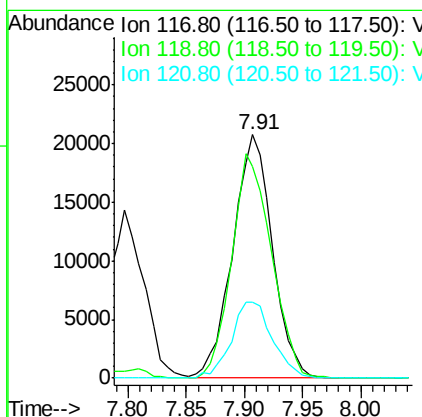
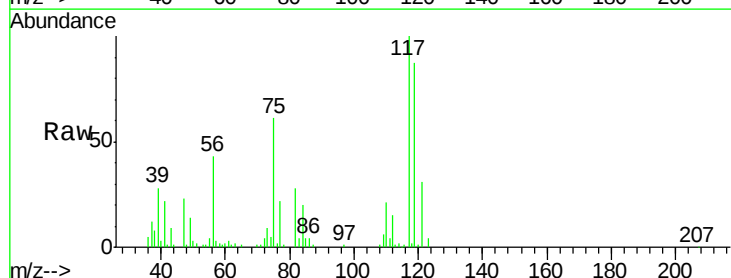
Manual Integrations
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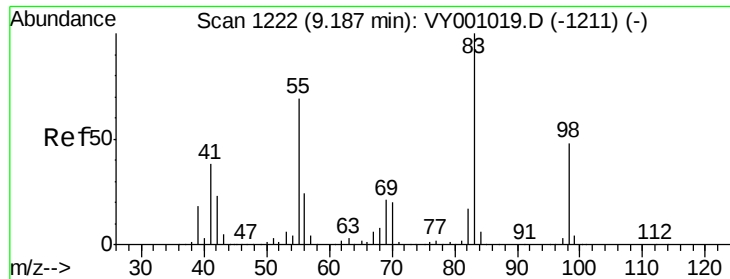
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#38
Carbon Tetrachloride
Concen: 10.517 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.1	74.2	111.2
121	31.4	22.9	34.3





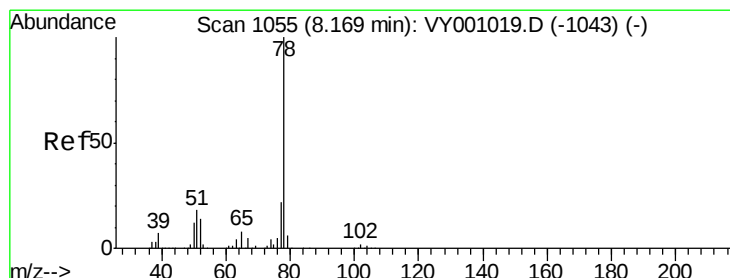
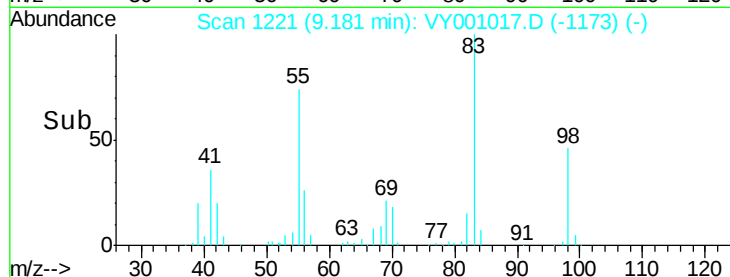
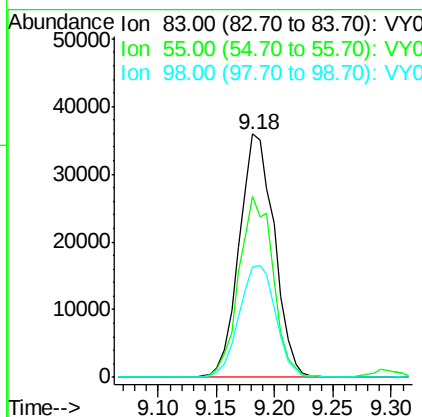
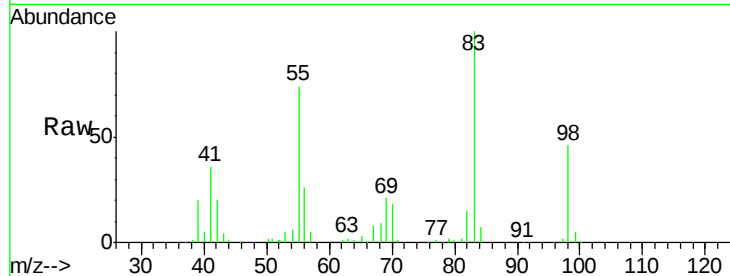
#39
Methvlcvclohexane
Concen: 10.673 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
83	100	75415		
55	74.4		55.1	82.7
98	45.5		38.3	57.5

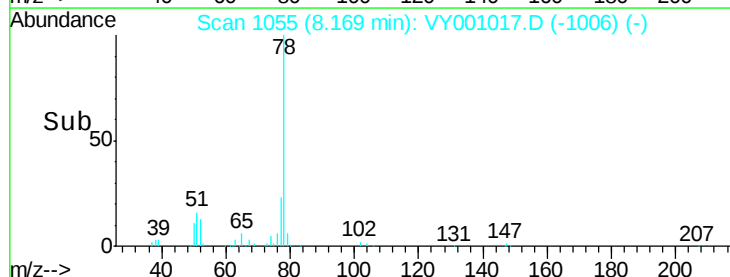
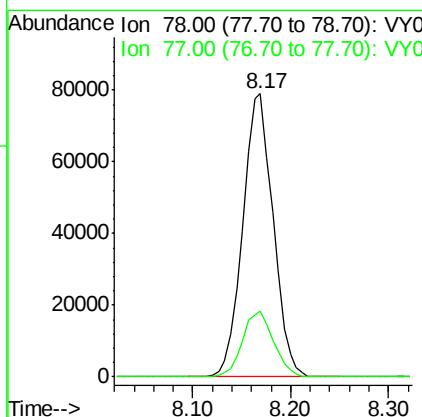
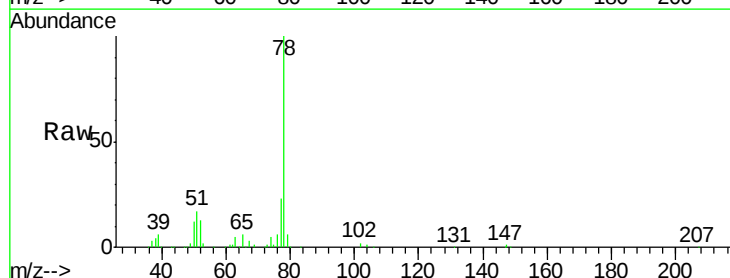
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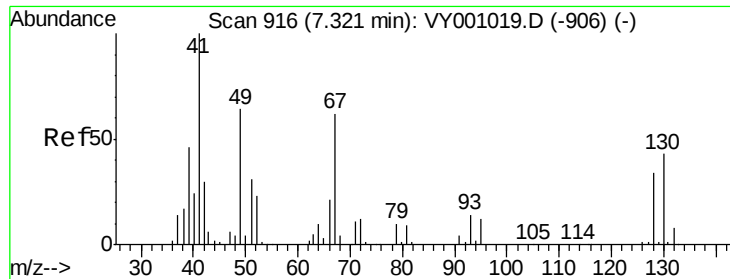
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#40
Benzene
Concen: 10.683 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	169917		
77	23.2		17.7	26.5





#41

Methacrylonitrile

Concen: 4.169 ug/l m

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 11529

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

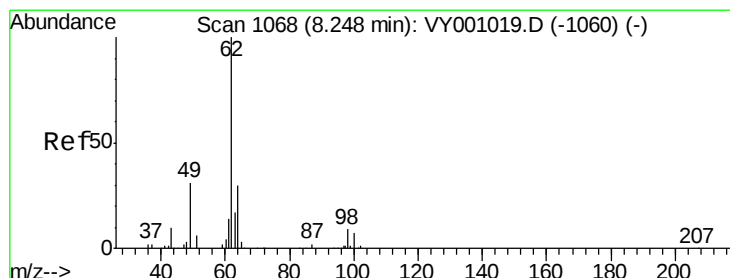
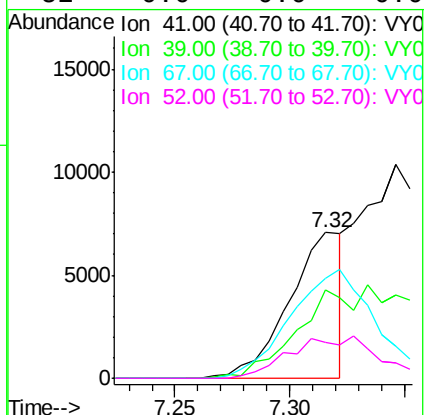
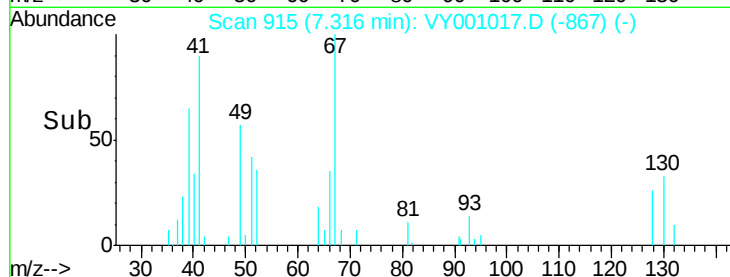
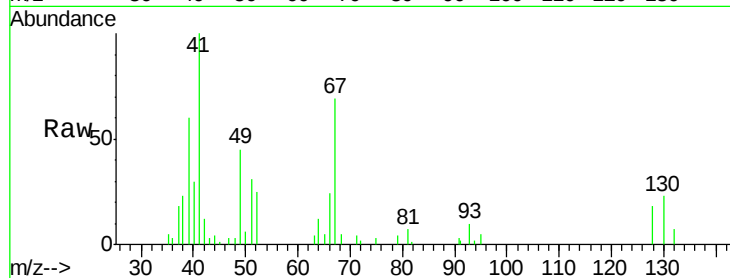
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 10.229 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001017.D

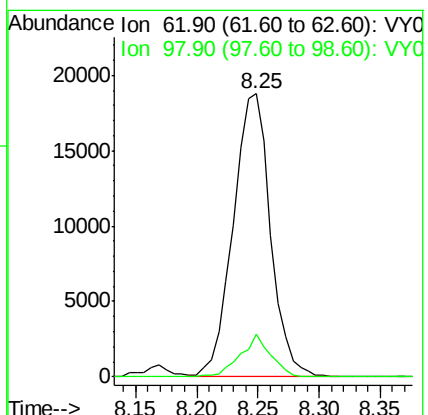
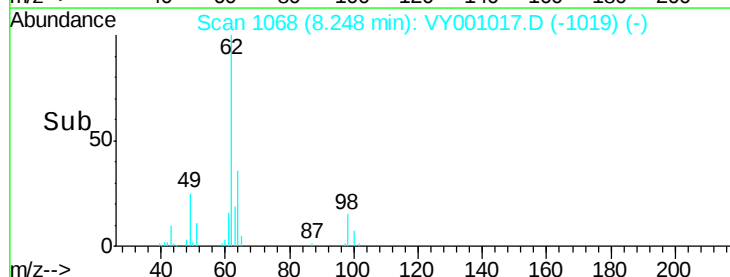
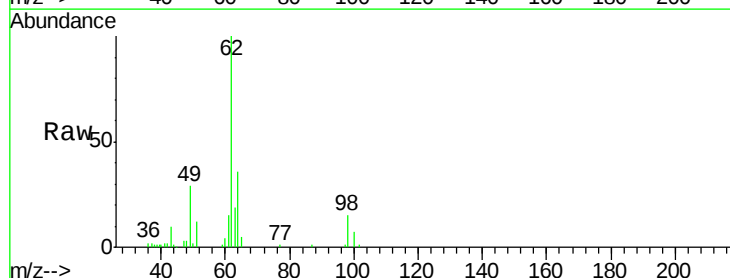
Acq: 23 Dec 2019 10:23

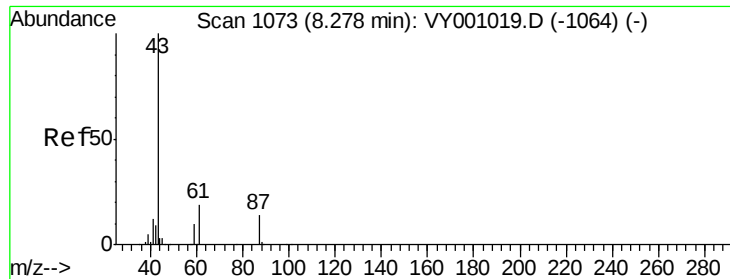
Tgt Ion: 62 Resp: 39736

Ion Ratio Lower Upper

62 100

98 12.2 0.0 23.4





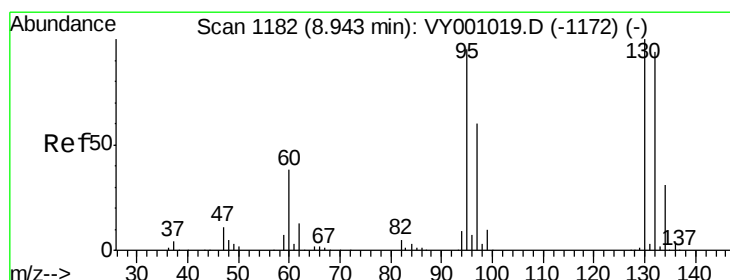
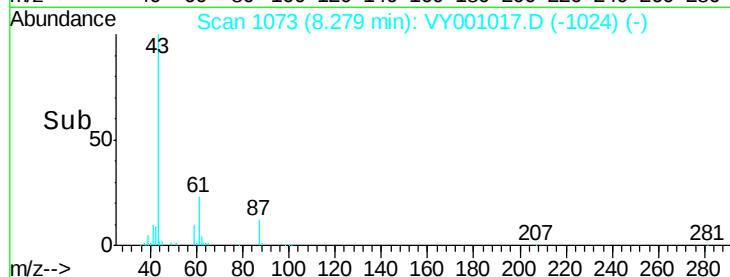
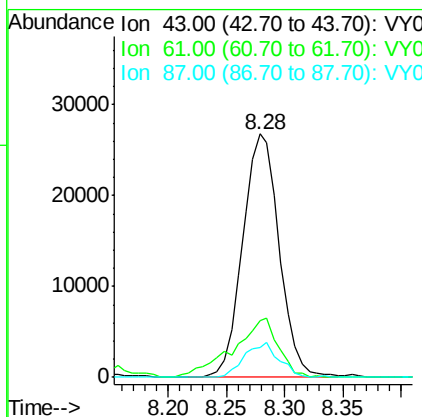
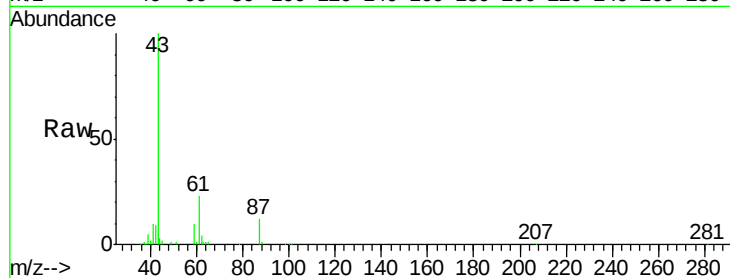
#43
Isopropyl Acetate
Concen: 10.629 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	25.0	37.6
87	13.5	12.0	18.0

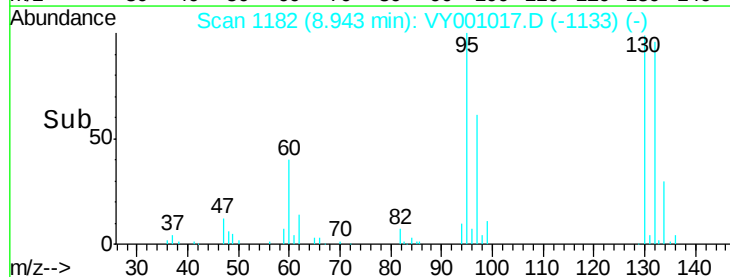
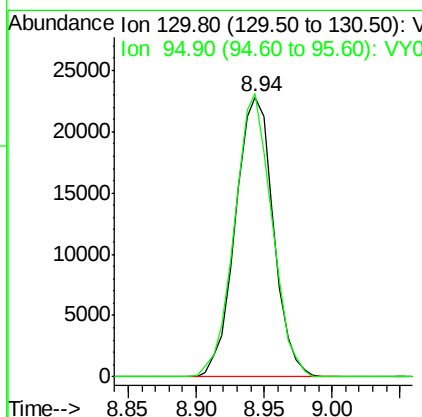
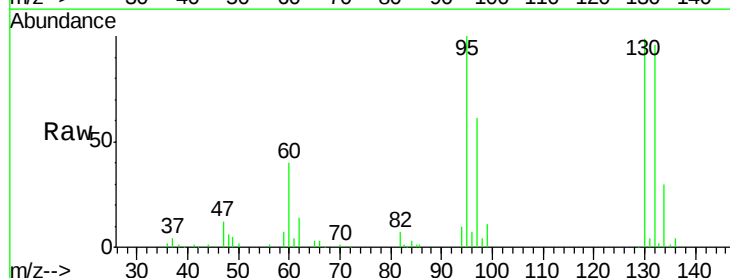
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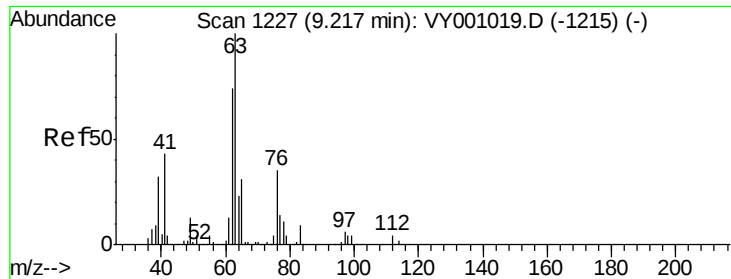
apatel
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#44
Trichloroethene
Concen: 10.703 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	190.6





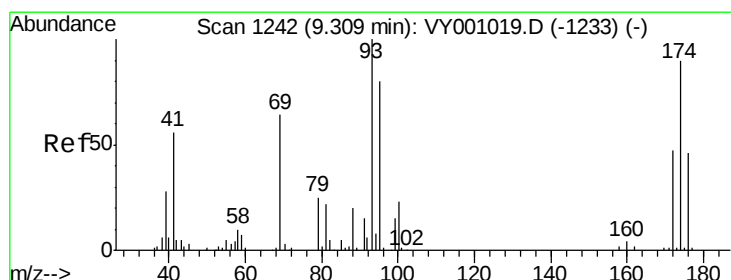
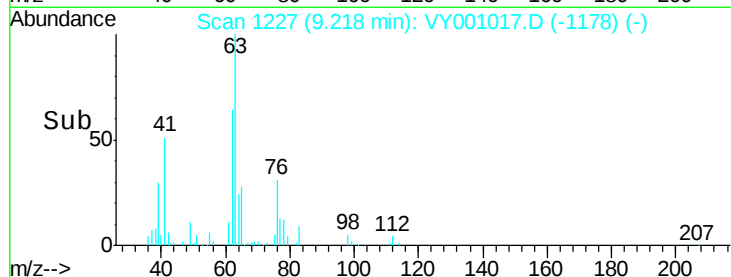
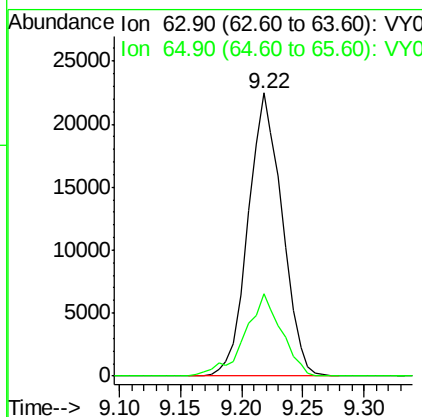
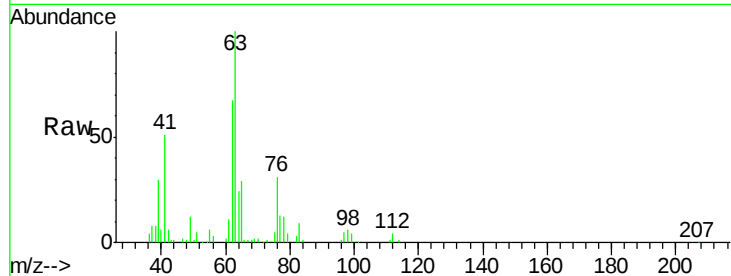
#45
 1,2-Dichloropropane
 Concen: 10.912 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 63 Resp: 43568
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.1 37.7

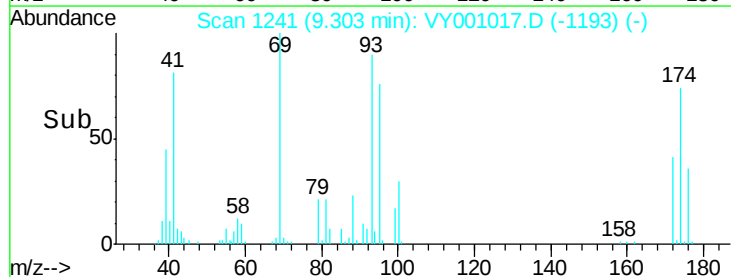
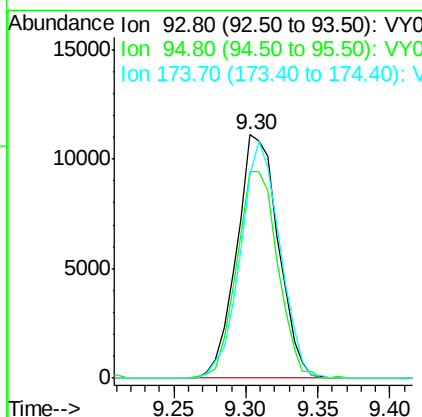
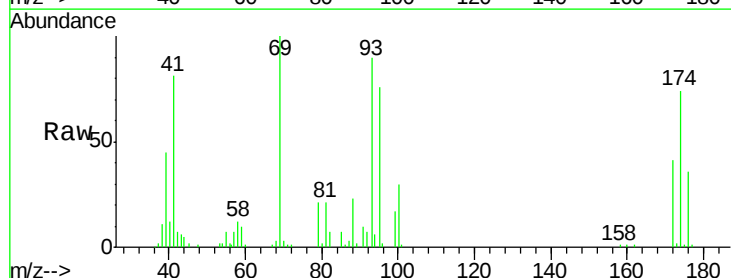
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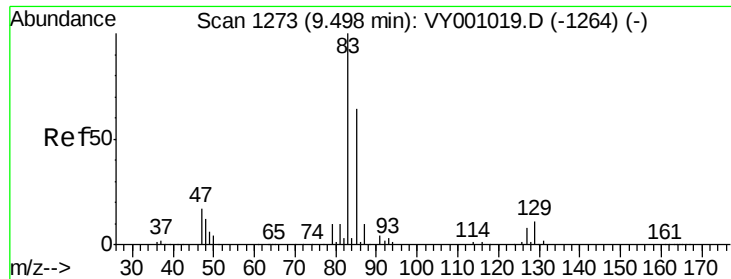
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#46
 Dibromomethane
 Concen: 10.801 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion: 93 Resp: 22212
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 92.1 73.6 110.4





#47

Bromodichloromethane

Concen: 10.527 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

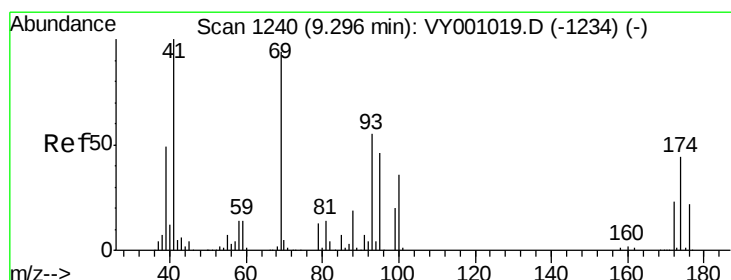
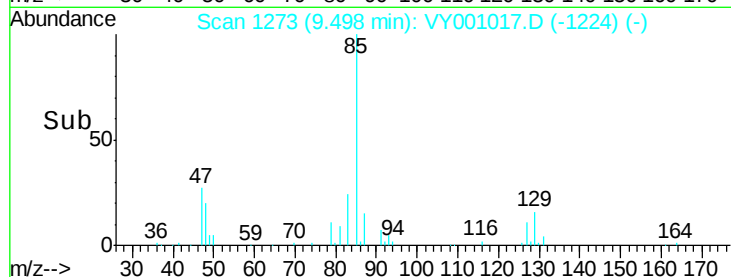
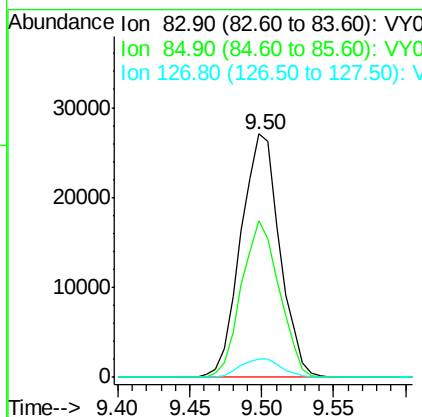
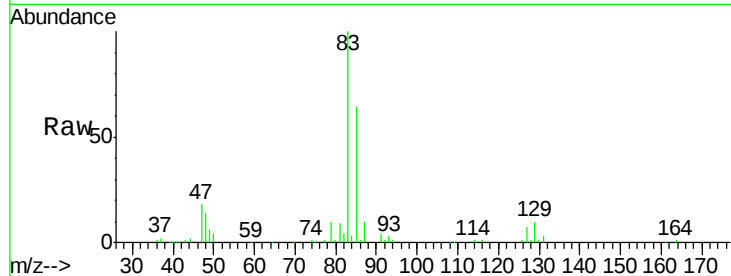
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	50586
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.9	76.3
127	7.4	6.4	9.6

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#48

Methyl methacrylate

Concen: 10.012 ug/l

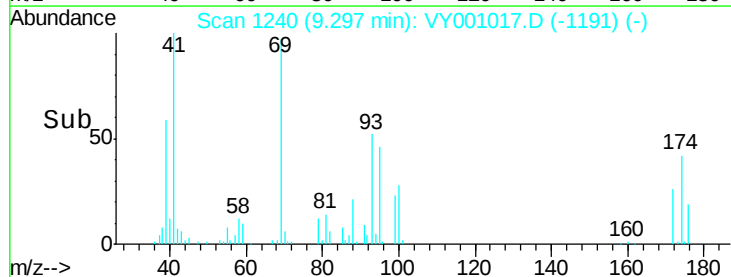
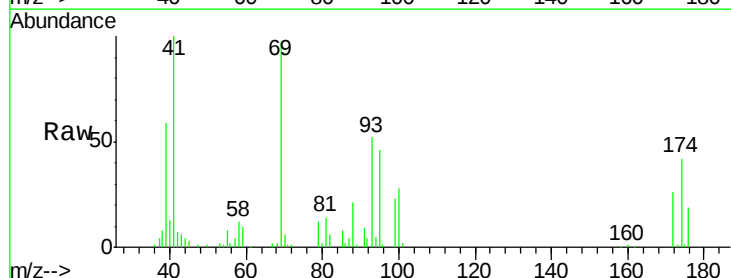
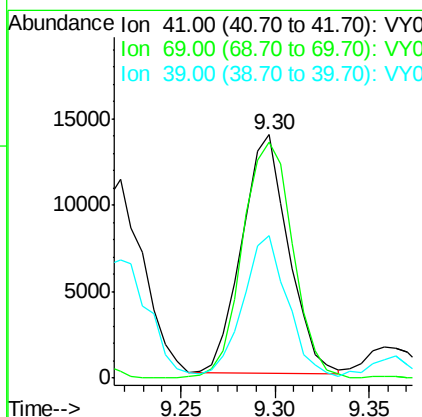
RT: 9.30 min Scan# 1240

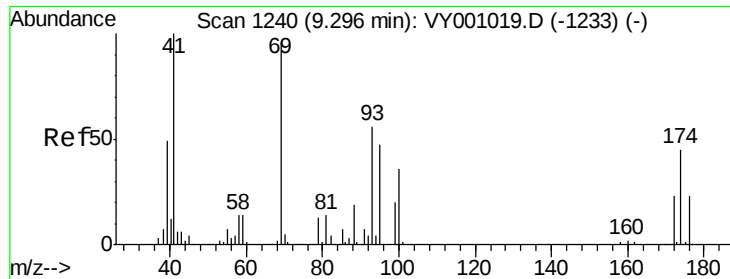
Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Tgt Ion:	41	Resp:	23700
Ion	Ratio	Lower	Upper
41	100		
69	106.6	79.8	119.6
39	55.4	41.7	62.5





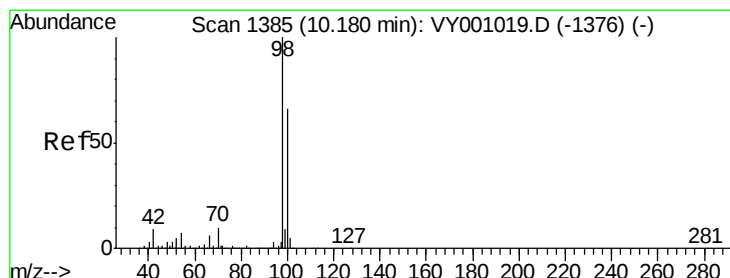
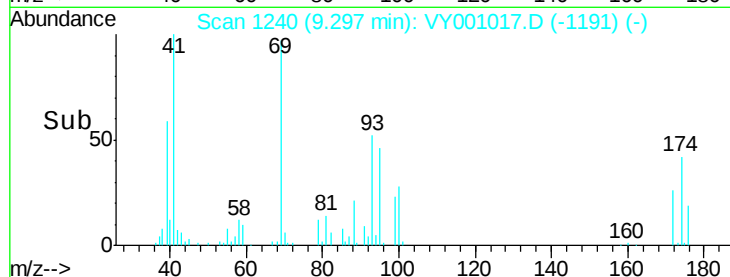
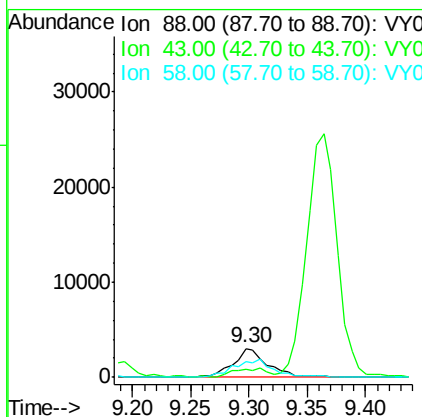
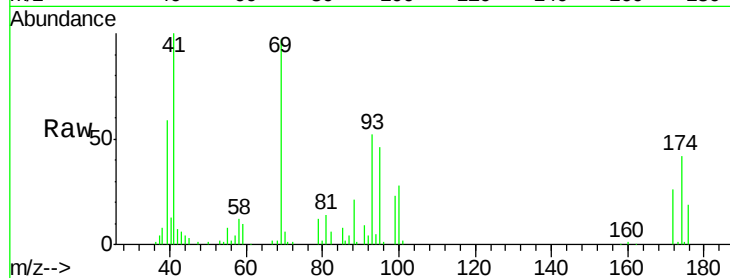
#49
1,4-Dioxane
Concen: 210.534 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	23.0	34.4
58	68.0	54.9	82.3

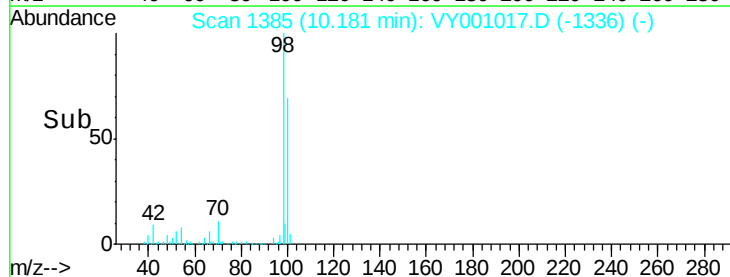
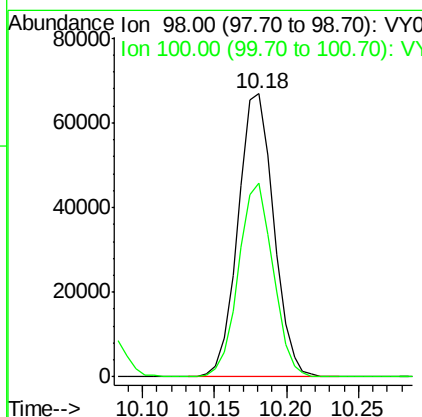
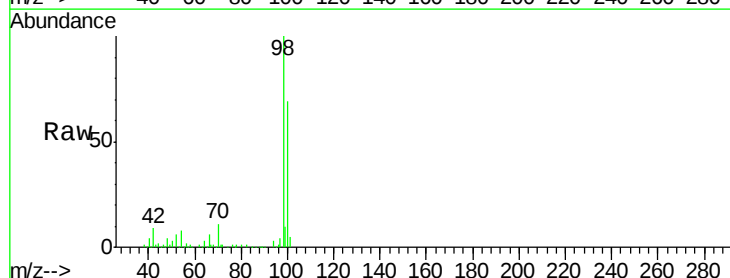
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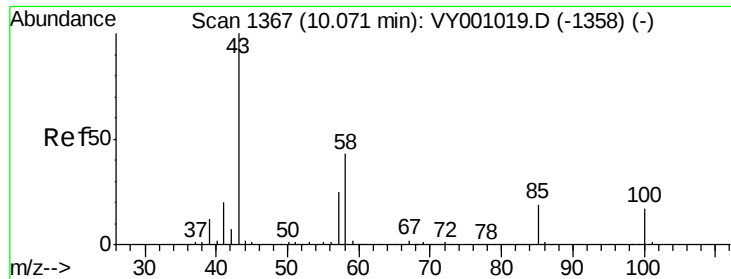
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#50
Toluene-d8
Concen: 9.124 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 54.243 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 156712

Ion Ratio Lower Upper

43 100

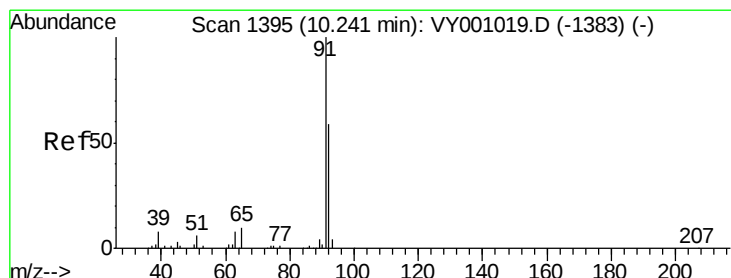
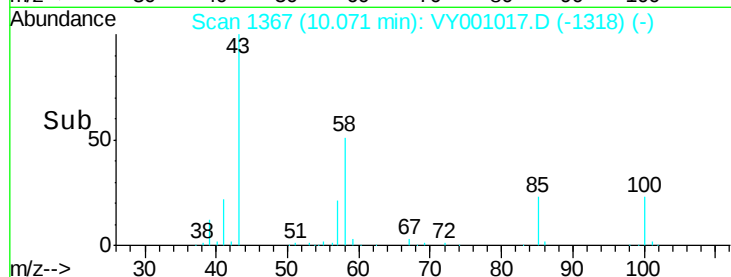
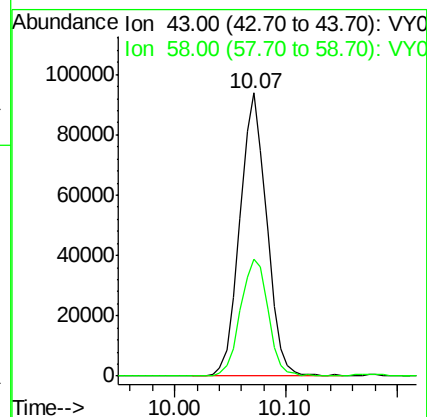
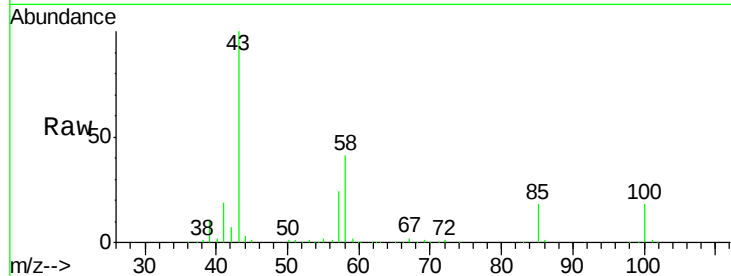
58 42.5 34.6 52.0

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#52

Toluene

Concen: 10.715 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001017.D

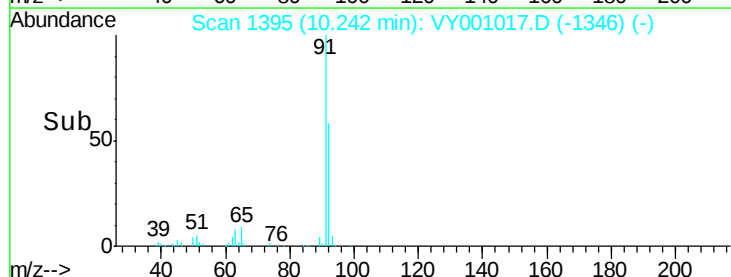
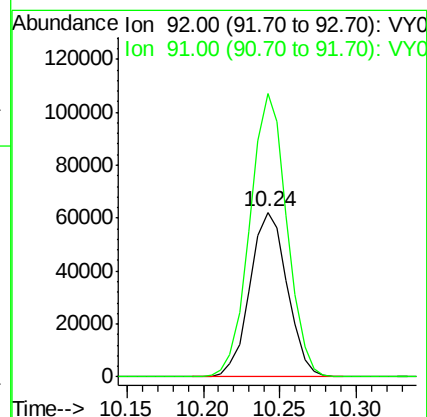
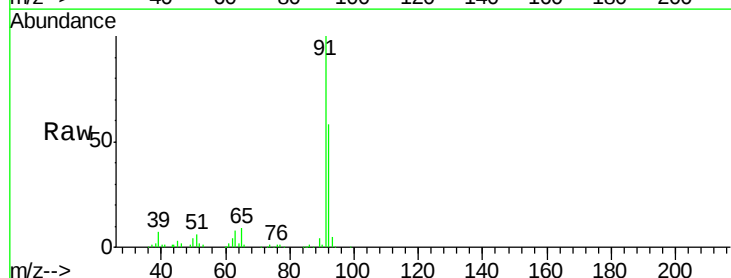
Acq: 23 Dec 2019 10:23

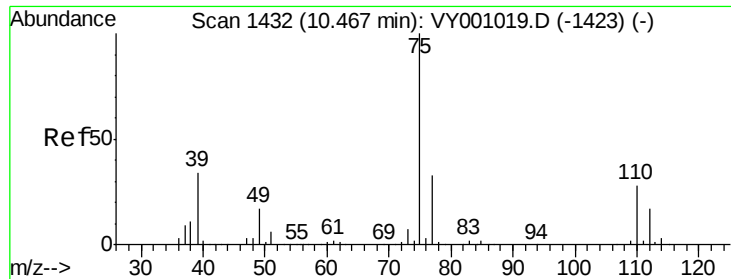
Tgt Ion: 92 Resp: 105479

Ion Ratio Lower Upper

92 100

91 170.2 135.7 203.5





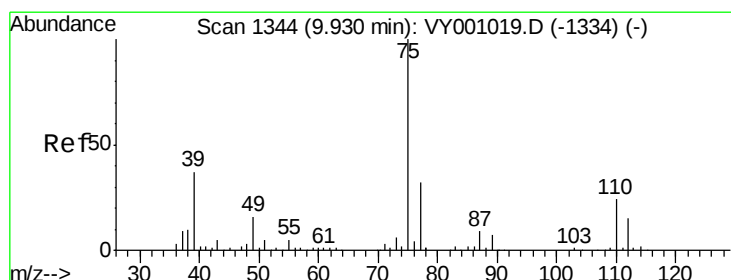
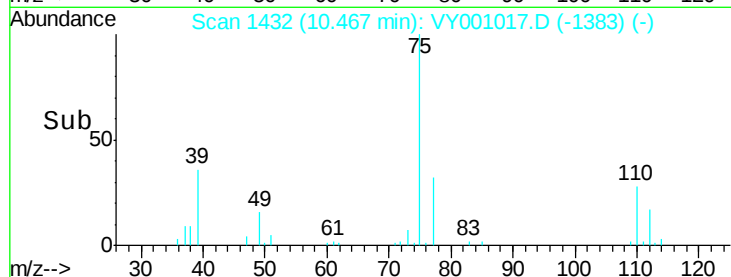
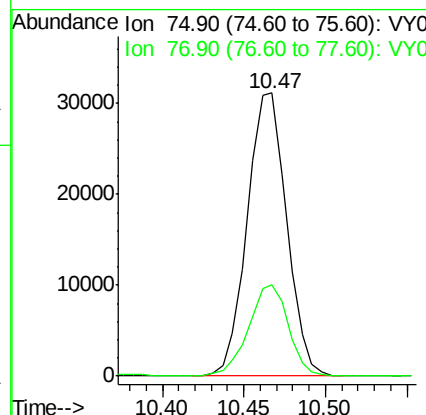
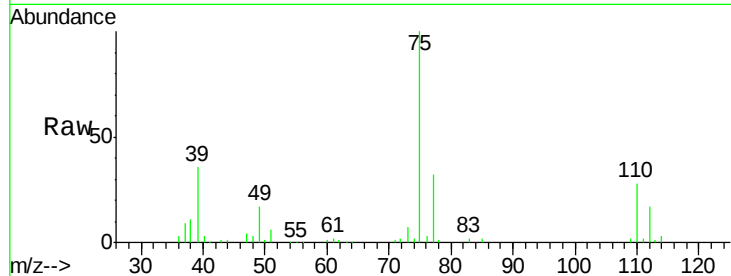
#53
 t-1,3-Dichloropropene
 Concen: 10.111 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 75 Resp: 52664
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.5 39.7

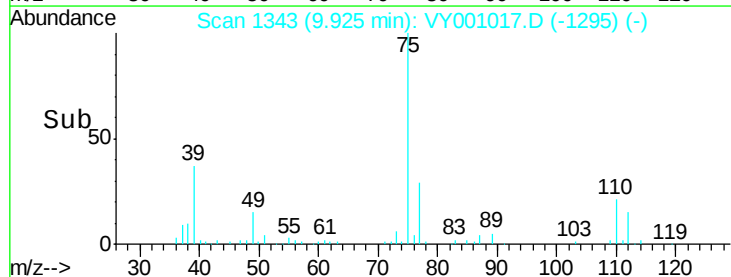
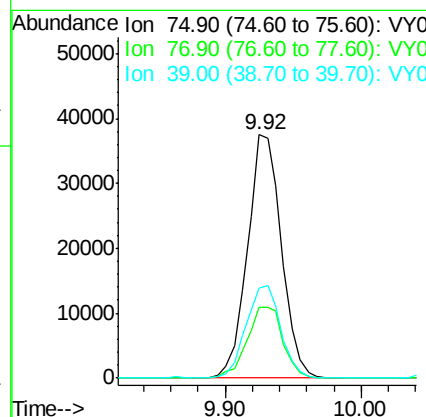
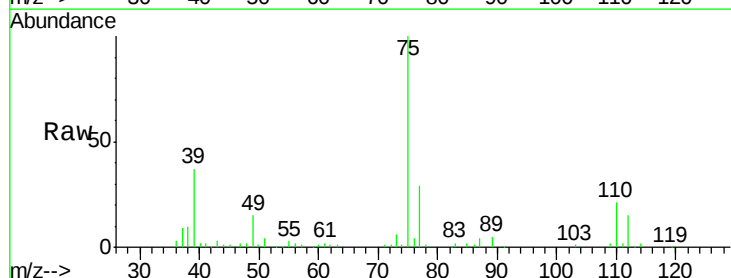
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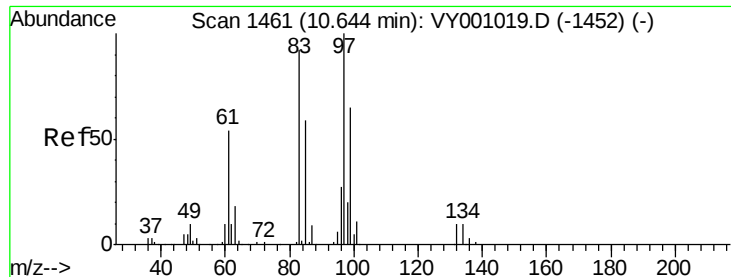
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#54
 cis-1,3-Dichloropropene
 Concen: 10.455 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion: 75 Resp: 65329
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.2 37.8
 39 37.2 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 10.834 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

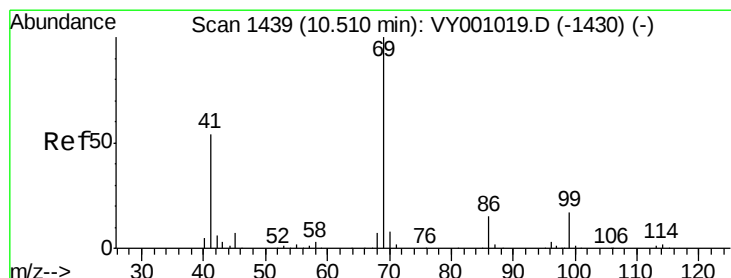
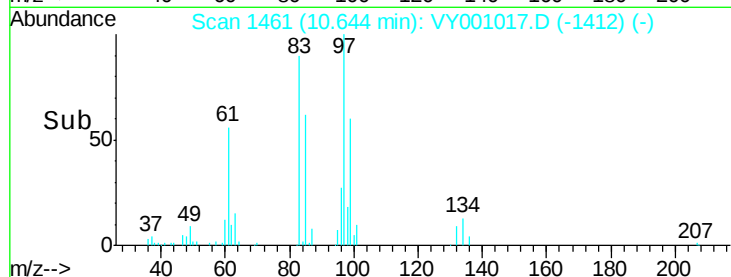
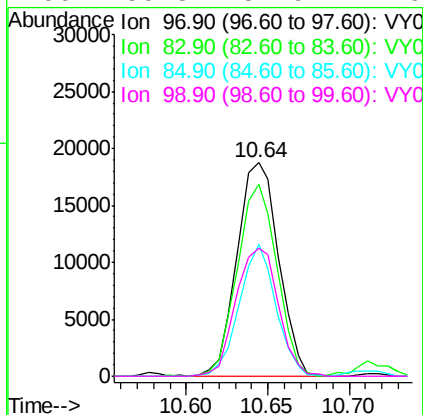
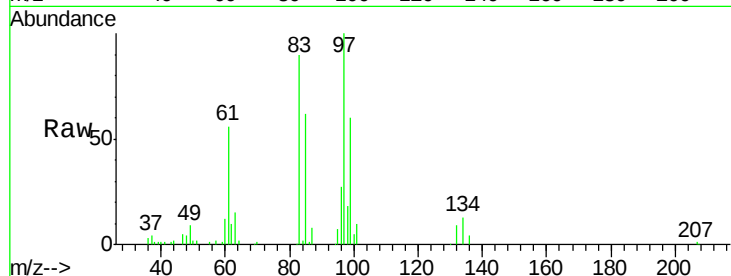
ClientSampleId :

VSTDIC010

Tot Ion:	97	Resp:	33291
Ion	Ratio	Lower	Upper
97	100		
83	90.0	73.7	110.5
85	61.8	47.3	70.9
99	59.8	51.9	77.9

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#56

Ethyl methacrylate

Concen: 10.487 ug/l

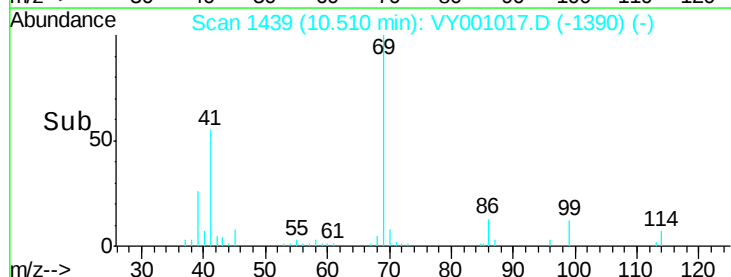
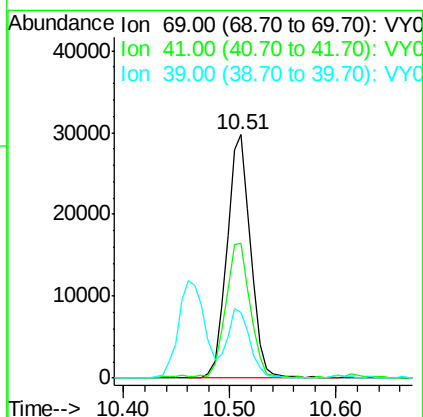
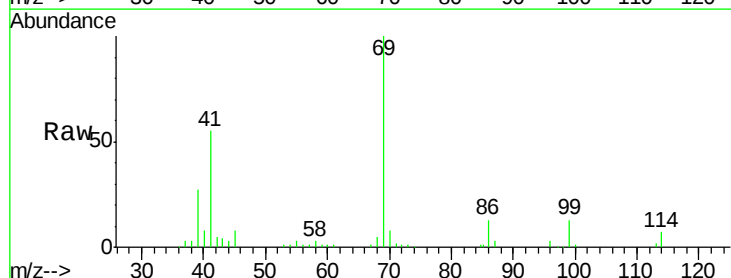
RT: 10.51 min Scan# 1439

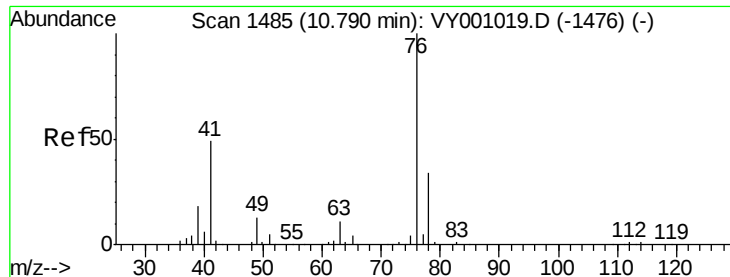
Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Tgt Ion:	69	Resp:	46164
Ion	Ratio	Lower	Upper
69	100		
41	57.9	44.7	67.1
39	28.0	22.2	33.4





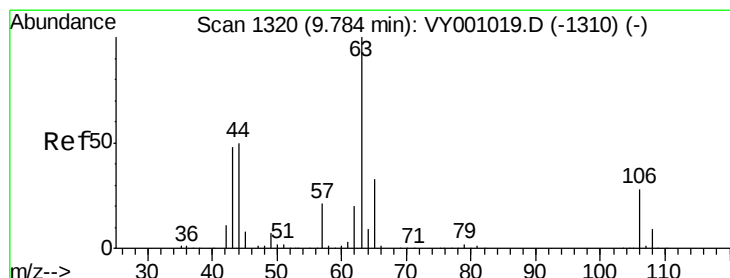
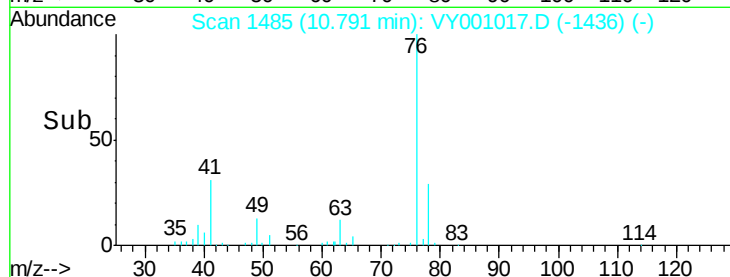
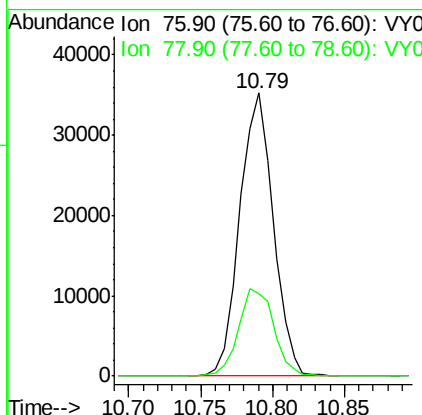
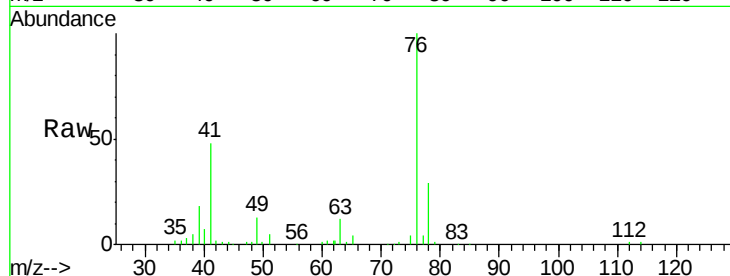
#57
 1,3-Dichloropropane
 Concen: 10.597 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

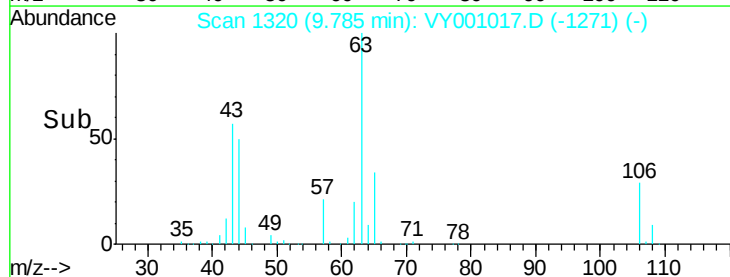
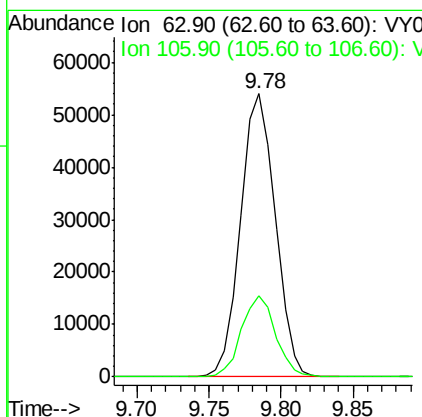
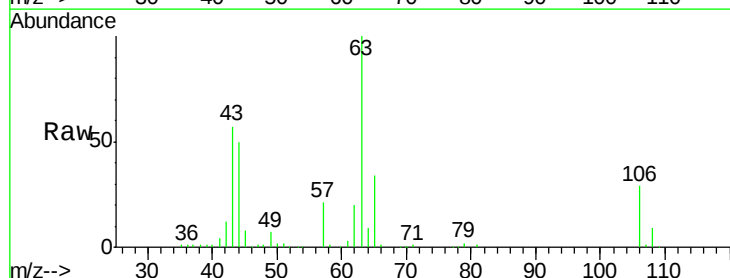
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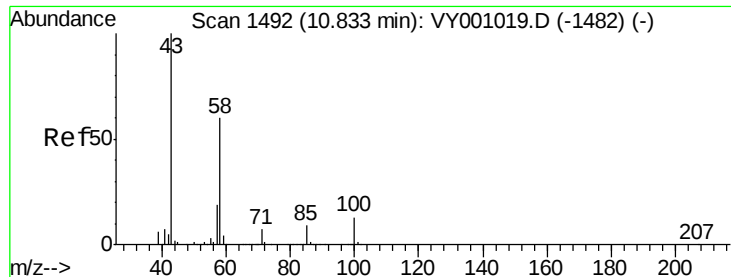
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#58
 2-Chloroethyl Vinyl ether
 Concen: 52.845 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.7	34.1





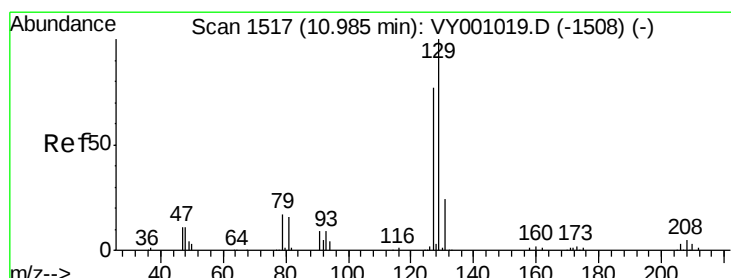
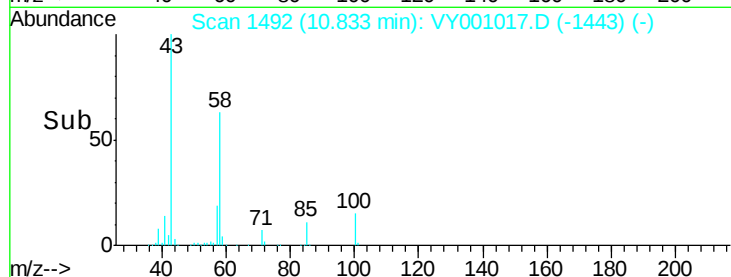
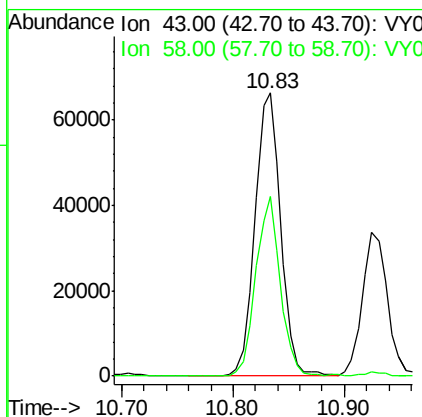
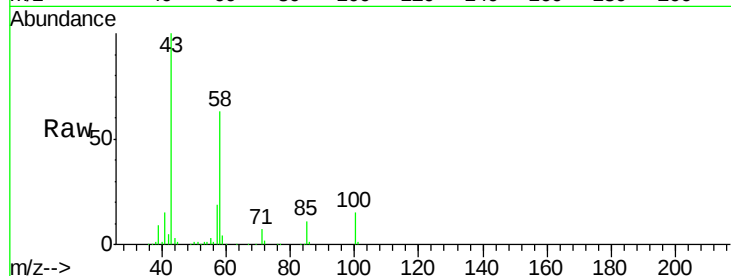
#59
2-Hexanone
Concen: 52.689 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 107027
Ion Ratio Lower Upper
43 100
58 60.2 30.6 91.6

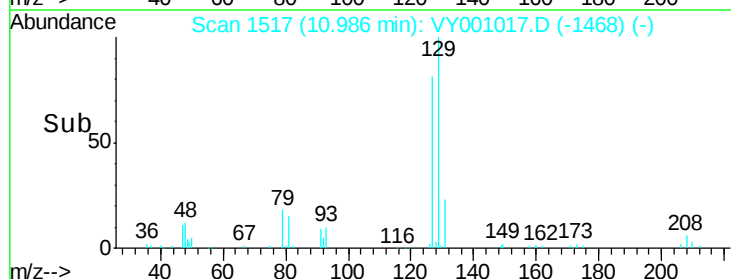
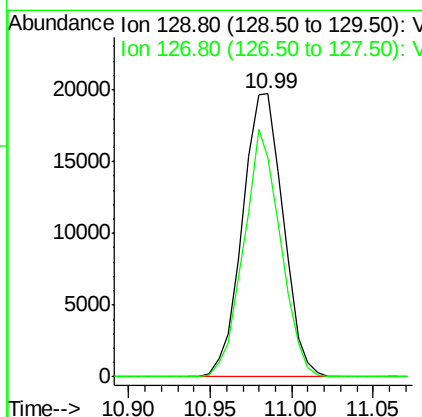
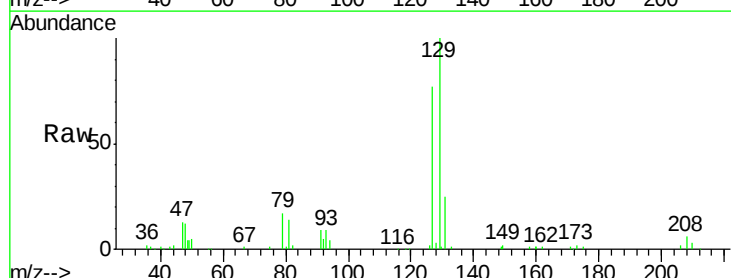
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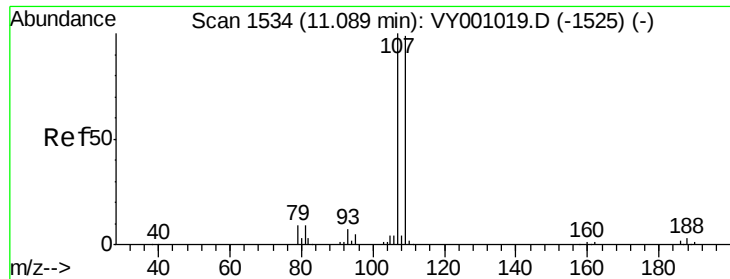
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#60
Dibromochloromethane
Concen: 10.424 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion: 129 Resp: 34262
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.3





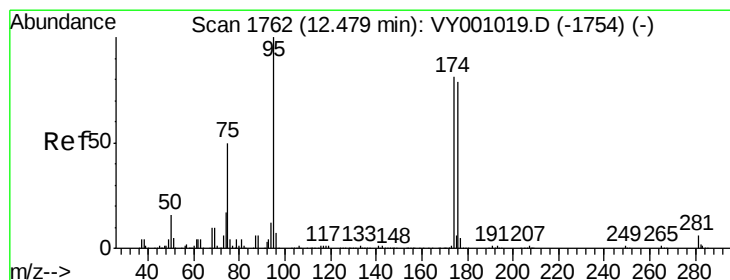
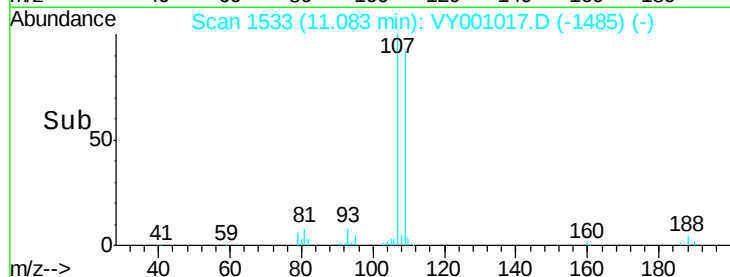
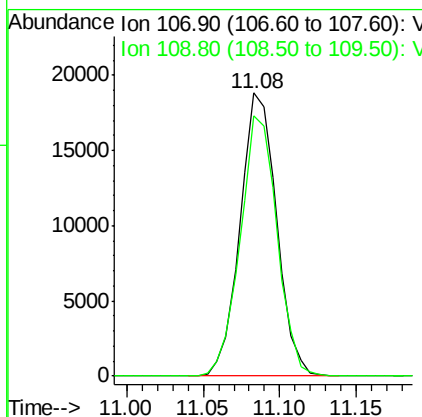
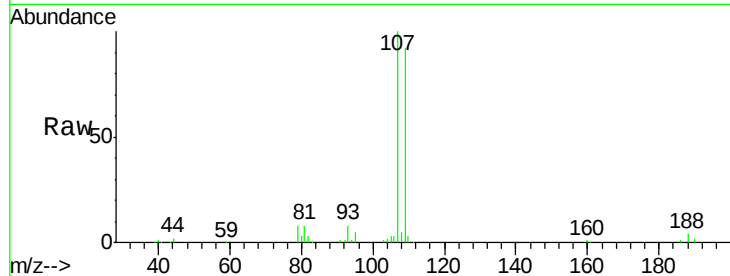
#61
 1,2-Dibromoethane
 Concen: 10.687 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	74.8	112.2

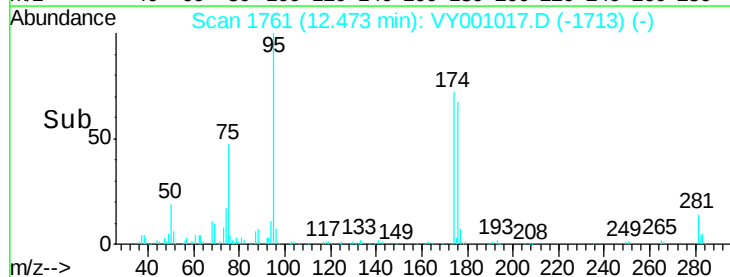
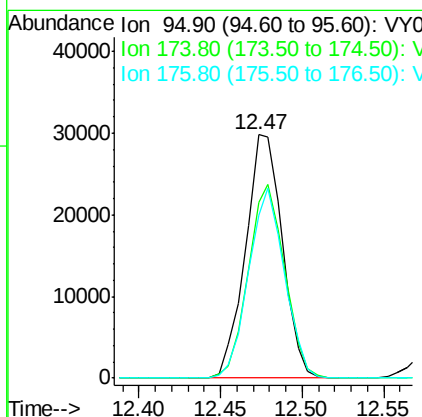
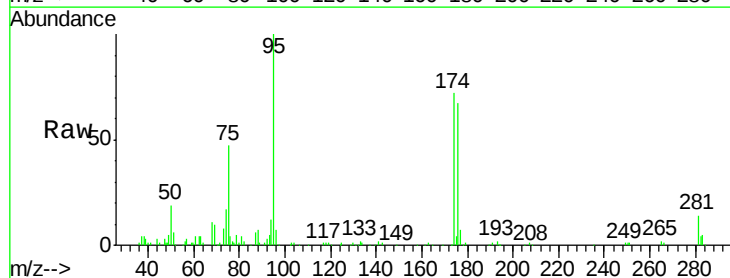
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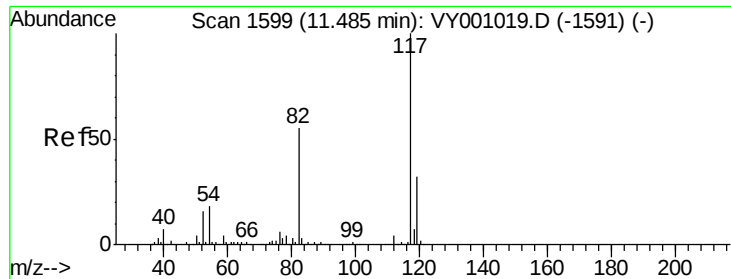
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#62
 4-Bromofluorobenzene
 Concen: 10.137 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	156.4
176	75.5	0.0	155.0





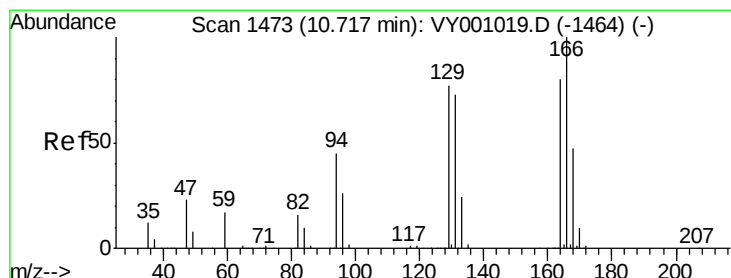
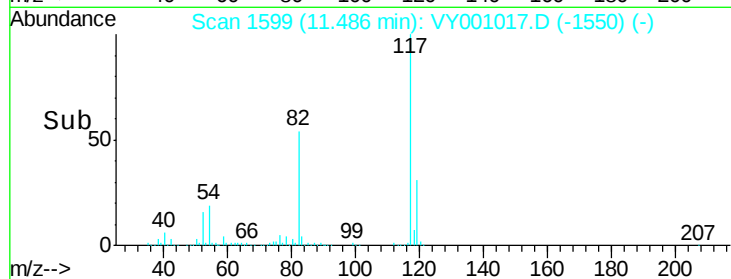
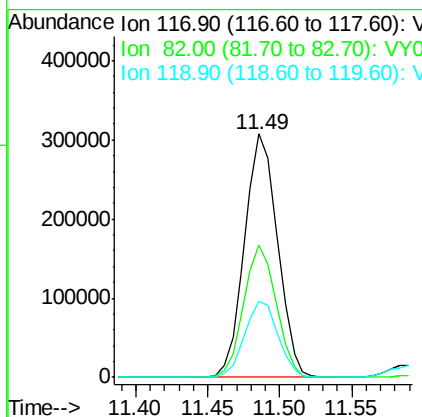
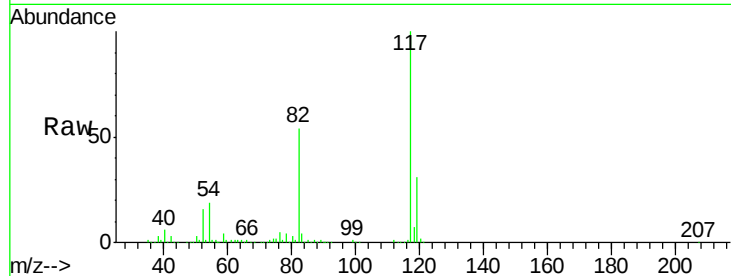
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	486746		
82	54.2		43.8	65.8
119	31.3		25.8	38.6

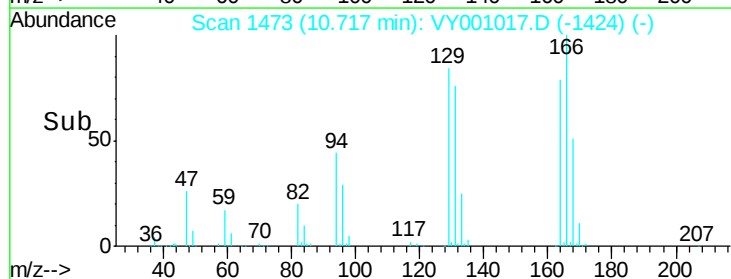
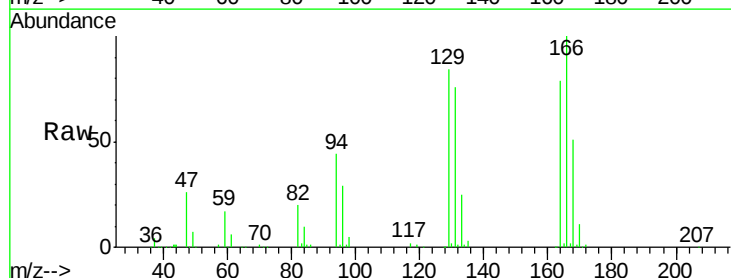
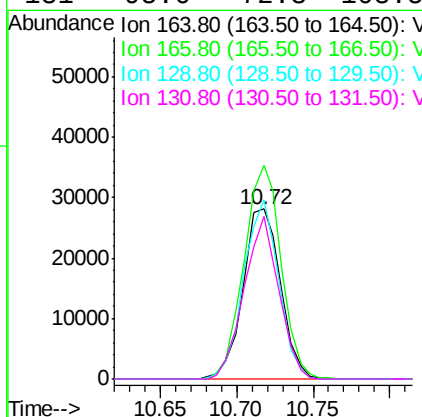
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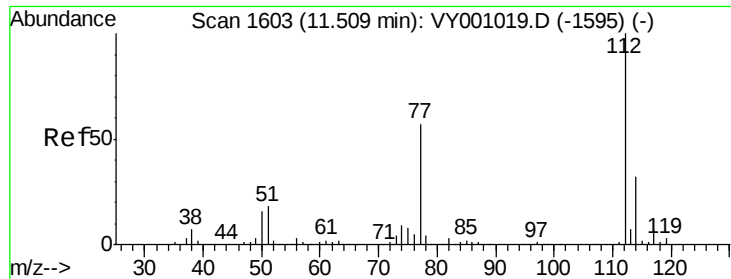
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#64
Tetrachloroethene
Concen: 11.337 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47910		
166	125.9		99.7	149.5
129	105.3		76.9	115.3
131	95.6		72.3	108.5





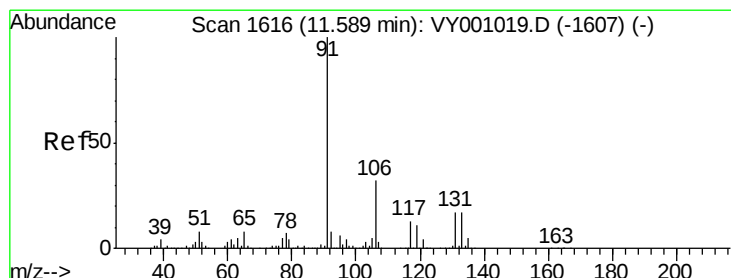
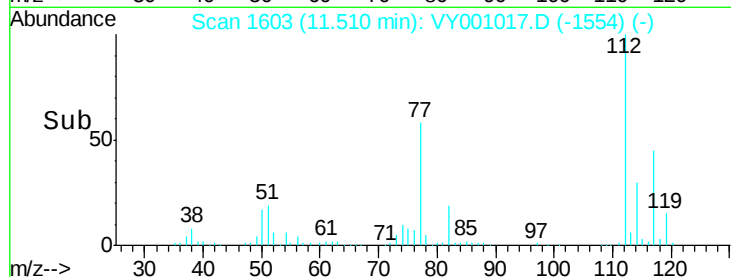
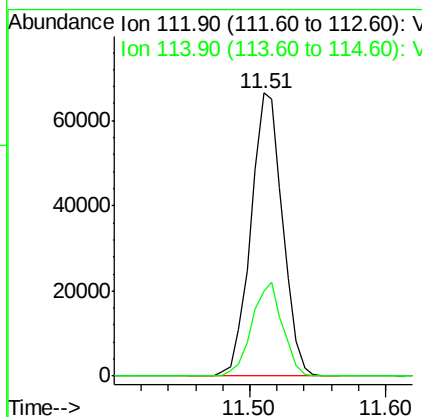
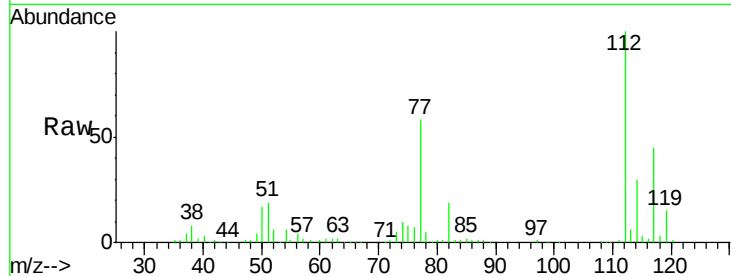
#65
Chlorobenzene
Concen: 10.660 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.4	38.2

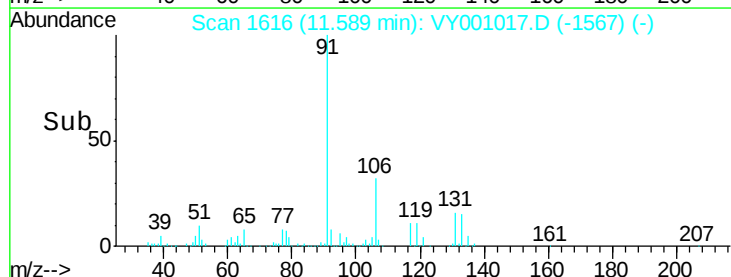
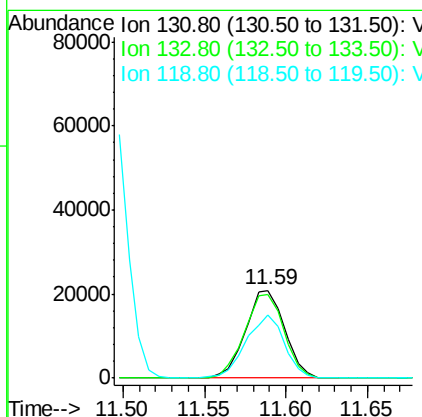
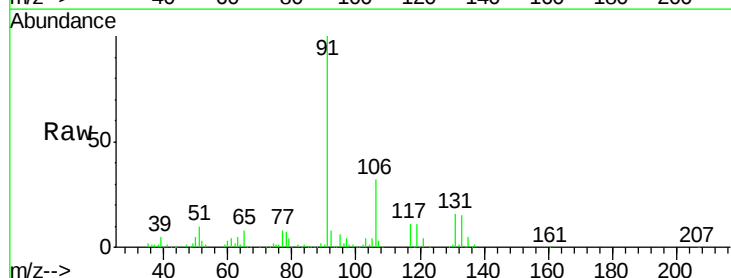
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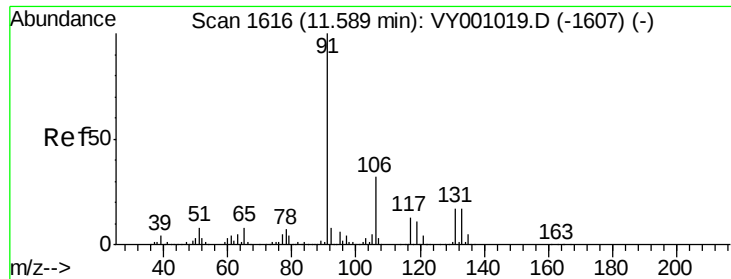
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.374 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	48.1	144.4
119	70.5	34.0	101.8





#67

Ethyl Benzene

Concen: 10.553 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 195223

Ion Ratio Lower Upper

91 100

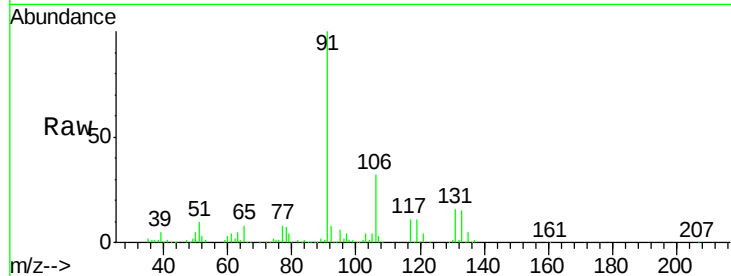
106 31.9 25.3 37.9

Manual Integrations

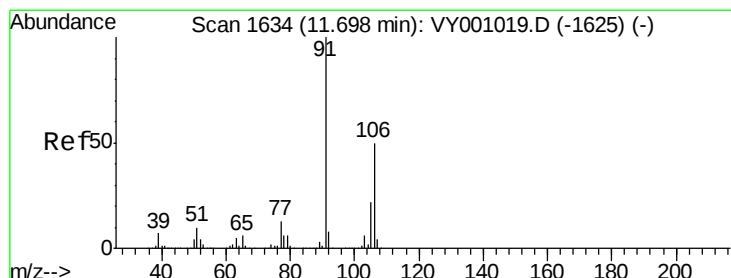
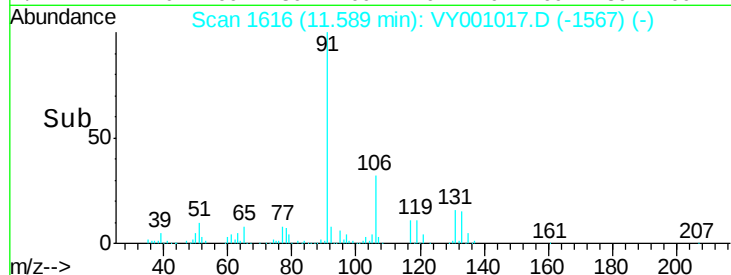
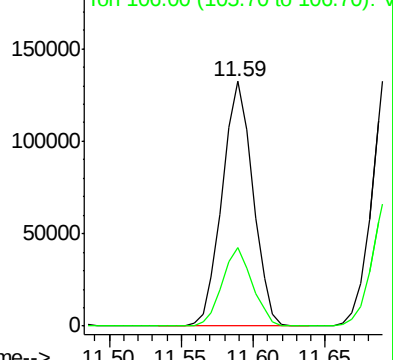
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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1607) (-)



#68

m/p-Xylenes

Concen: 21.447 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001017.D

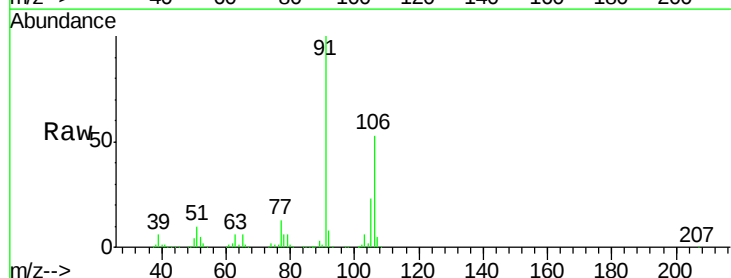
Acq: 23 Dec 2019 10:23

Tgt Ion: 106 Resp: 149755

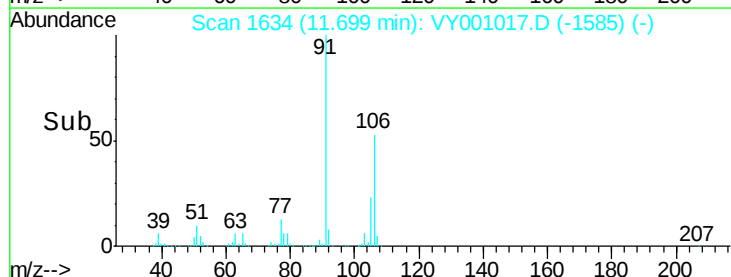
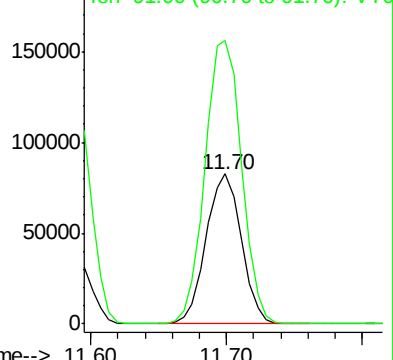
Ion Ratio Lower Upper

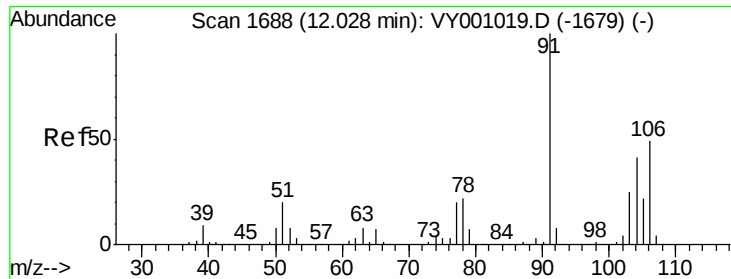
106 100

91 195.5 156.4 234.6



Abundance Ion 106.00 (105.70 to 106.70): VY001019.D (-1625) (-)





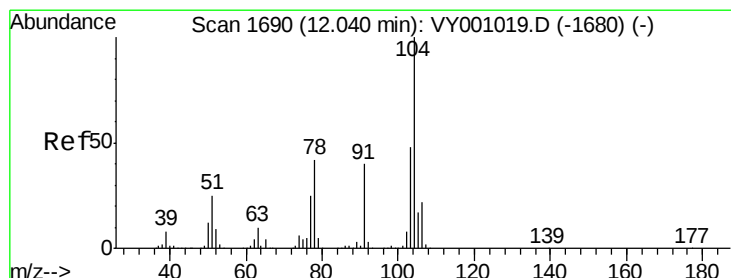
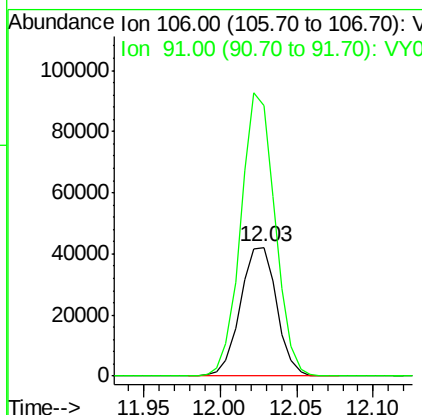
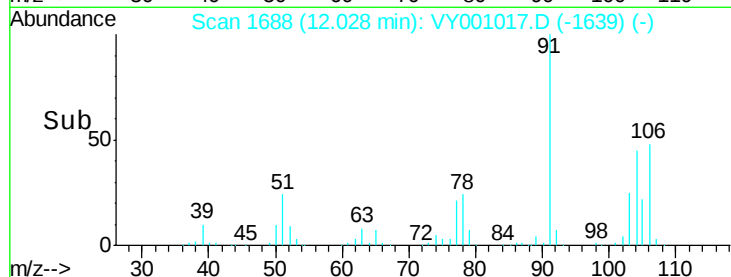
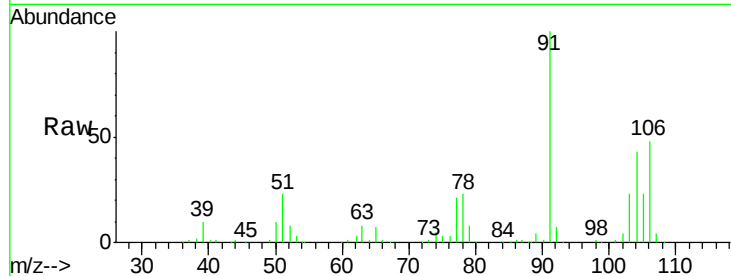
#69
o-Xylene
Concen: 10.556 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 69503
Ion Ratio Lower Upper
106 100
91 206.8 103.0 309.0

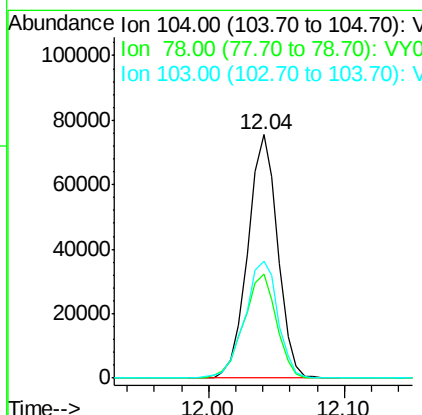
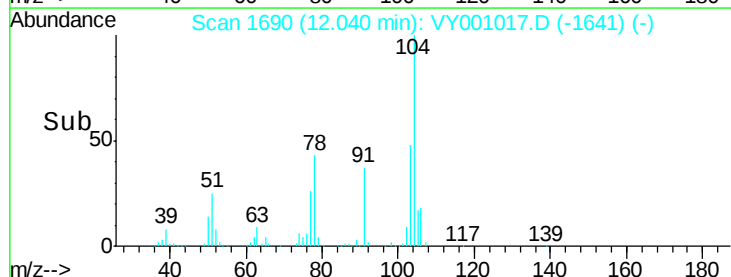
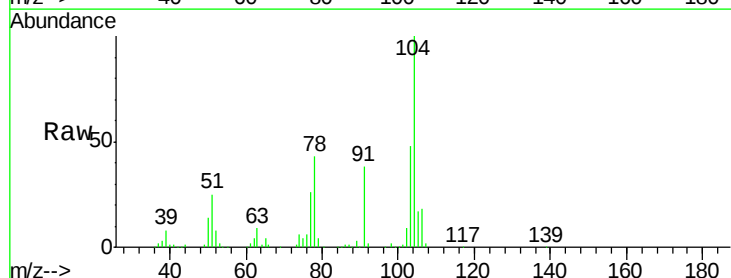
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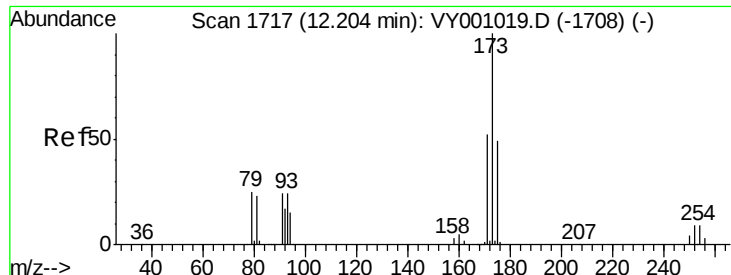
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#70
Styrene
Concen: 10.381 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion:104 Resp: 116150
Ion Ratio Lower Upper
104 100
78 46.9 36.6 54.8
103 53.6 42.6 64.0





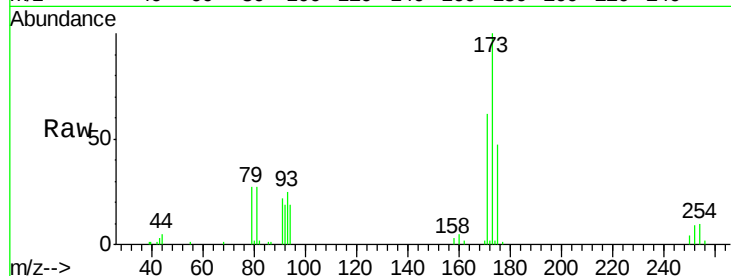
#71
Bromoform
Concen: 9.973 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

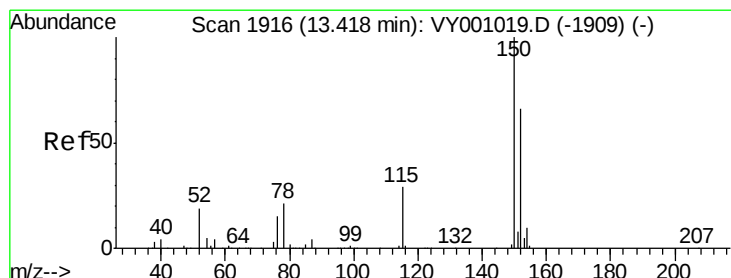
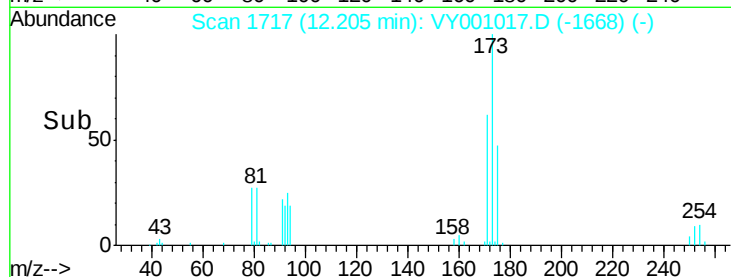
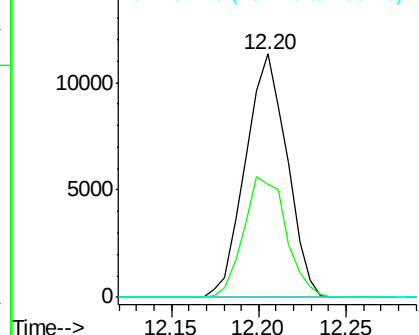
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.1	24.5	73.5
254	0.0	0.0	0.0

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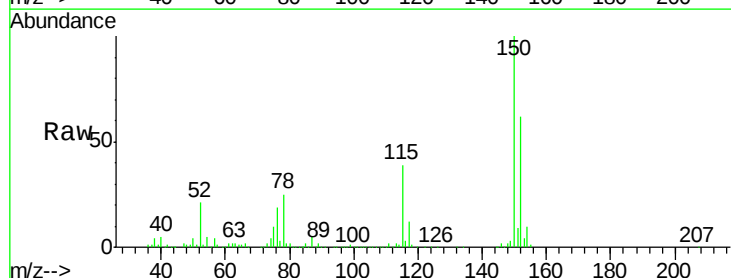


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

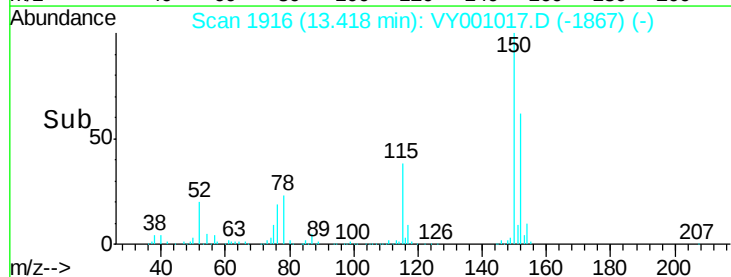
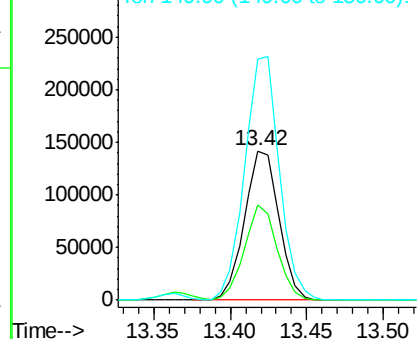


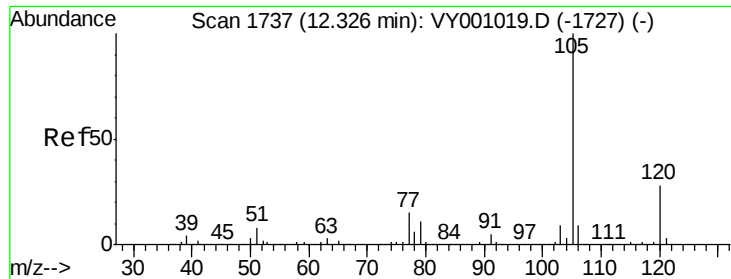
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.8	89.3
150	164.3	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: 10.688 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 187049

Ion Ratio Lower Upper

105 100

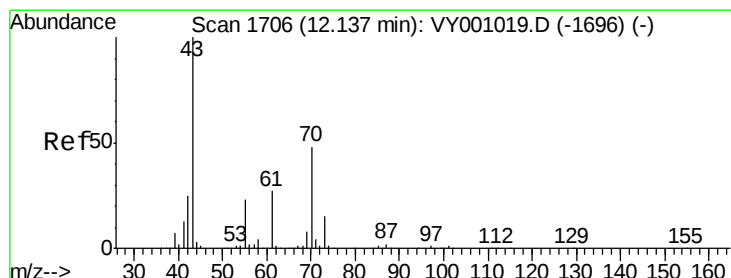
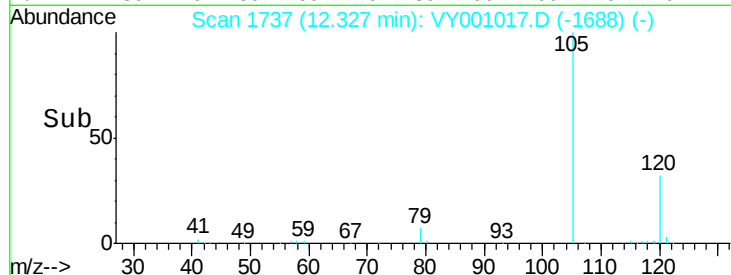
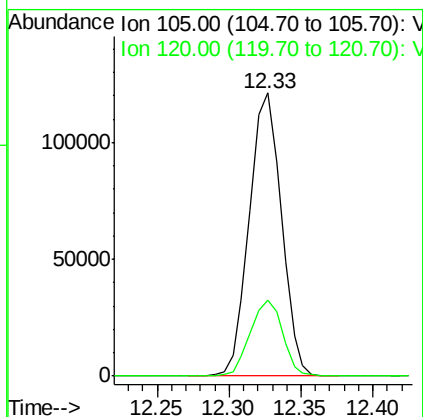
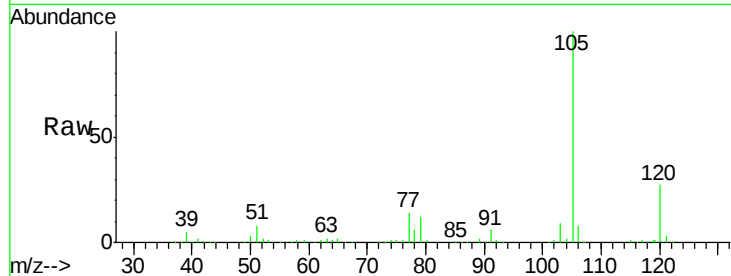
120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 10.552 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Tgt Ion: 43 Resp: 49014

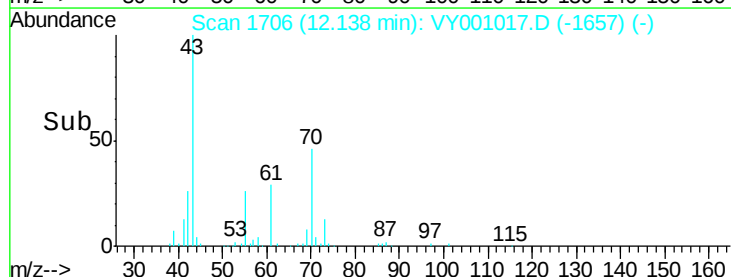
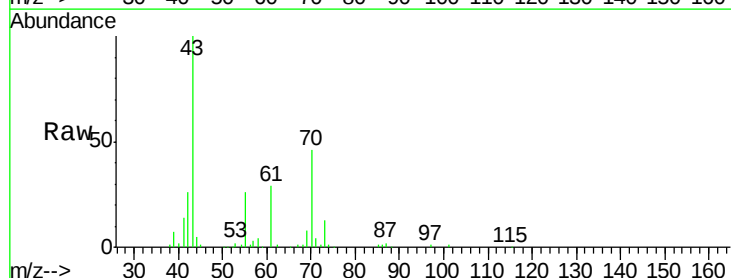
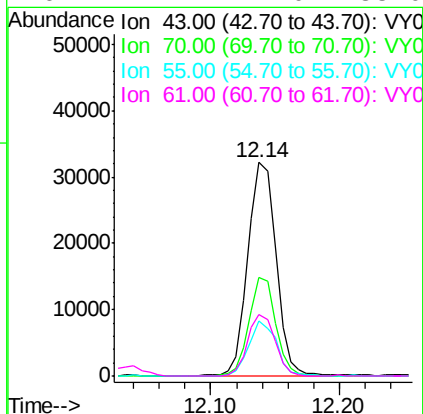
Ion Ratio Lower Upper

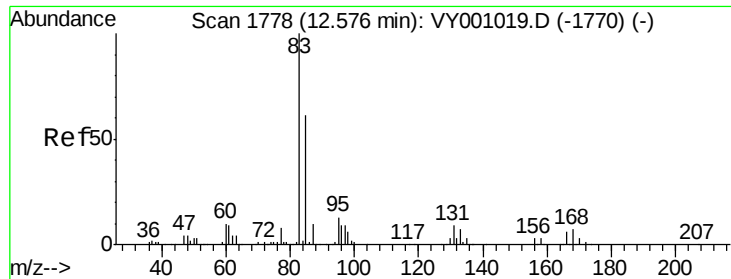
43 100

70 43.3 39.0 58.6

55 25.2 19.5 29.3

61 27.7 22.0 33.0





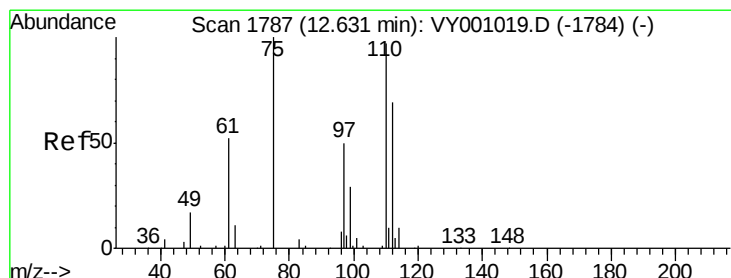
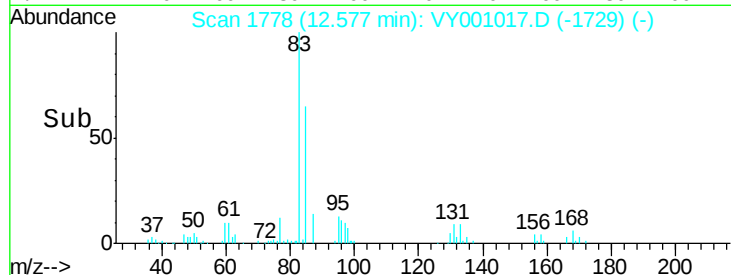
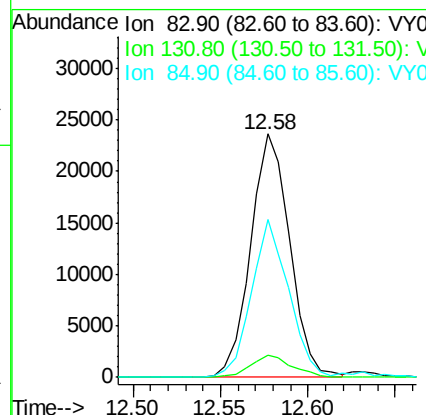
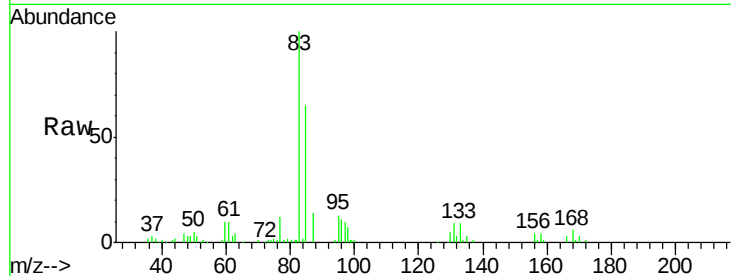
#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.740 ug/l
 RT: 12.58 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
83	100	36765		
131	9.5	5.1	15.3	
85	61.4	32.1	96.5	

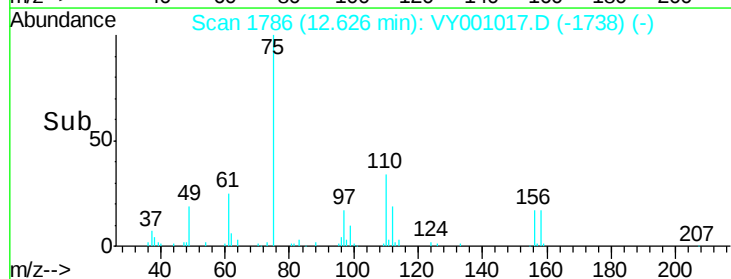
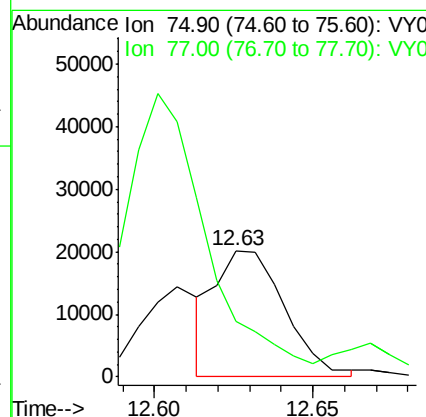
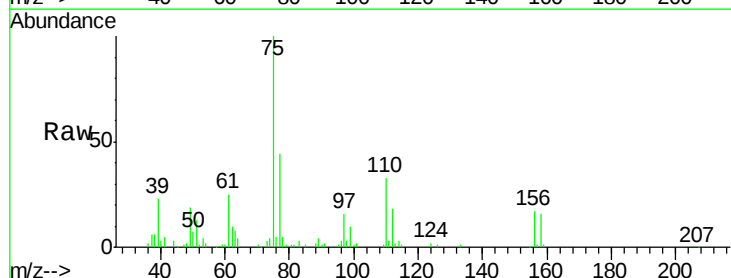
Manual Integrations
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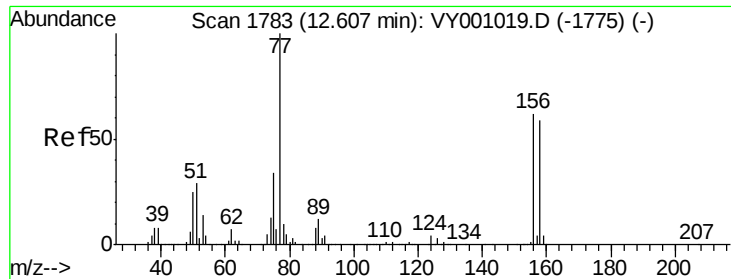
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 8.128 ug/l m
 RT: 12.63 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30506		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 10.865 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 42239

Ion Ratio Lower Upper

156 100

77 195.5 98.0 294.1

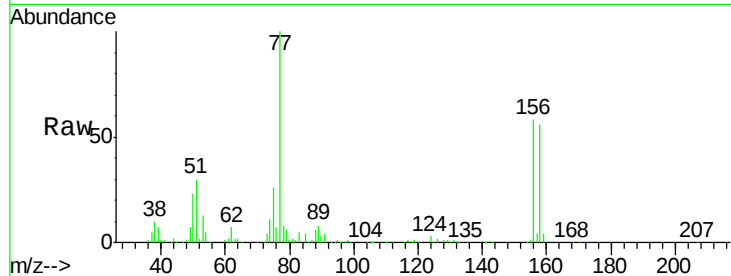
158 94.1 48.5 145.6

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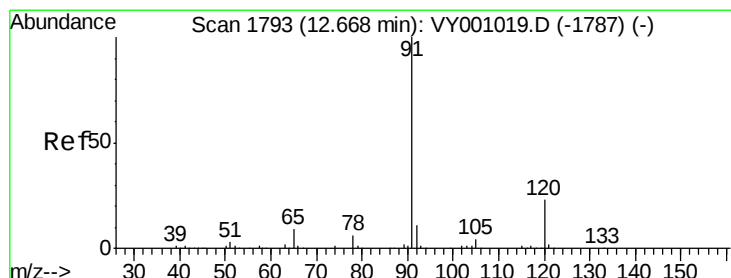
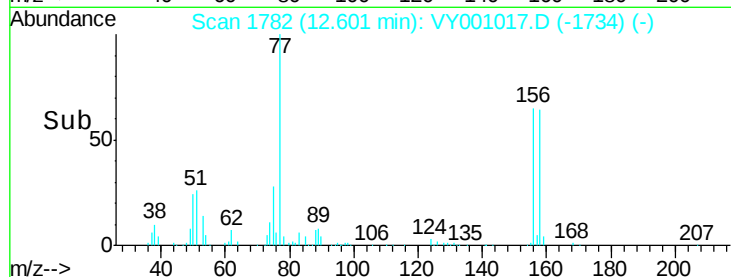
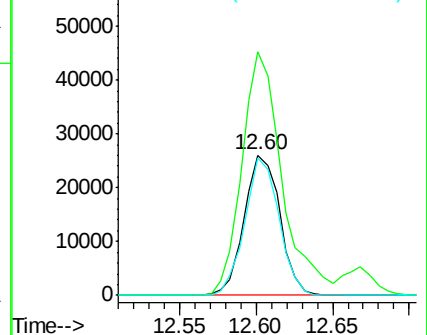
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.732 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001017.D

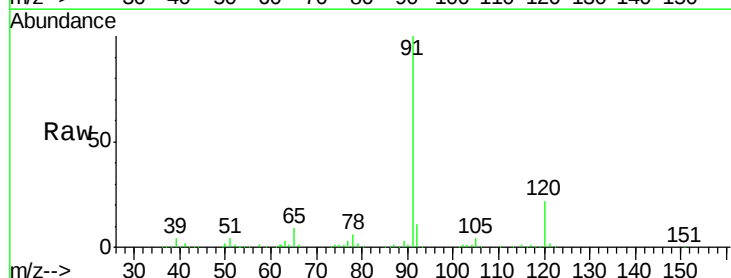
Acq: 23 Dec 2019 10:23

Tgt Ion: 91 Resp: 228353

Ion Ratio Lower Upper

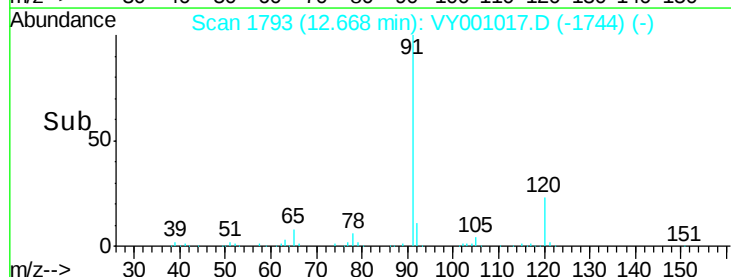
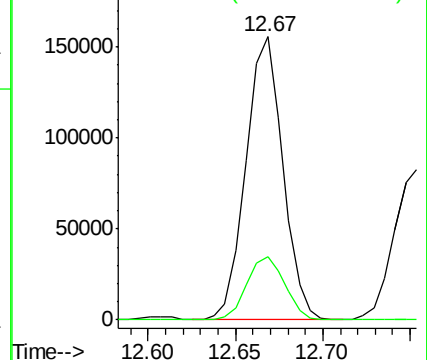
91 100

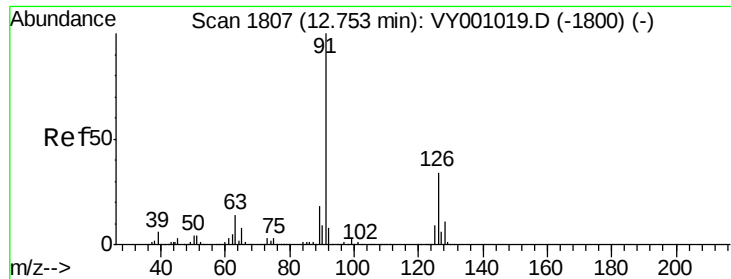
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.509 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001017.D

Acq: 23 Dec 2019 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 123752

Ion Ratio Lower Upper

91 100

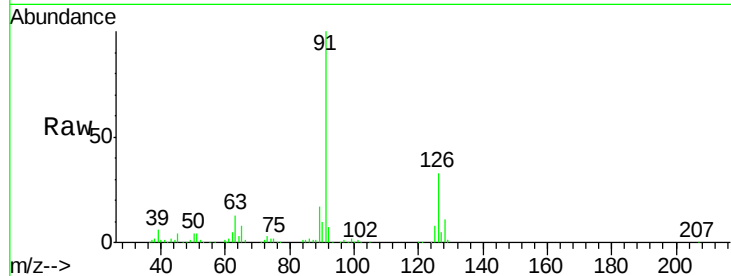
126 34.3 17.3 51.7

Manual Integrations

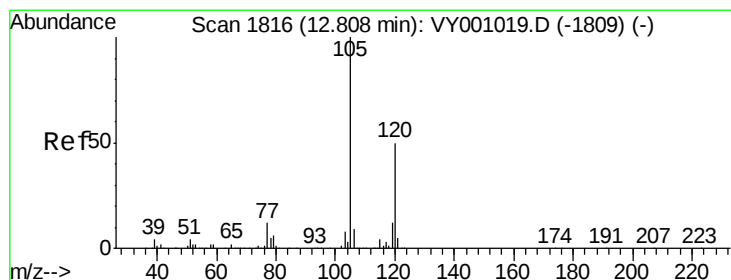
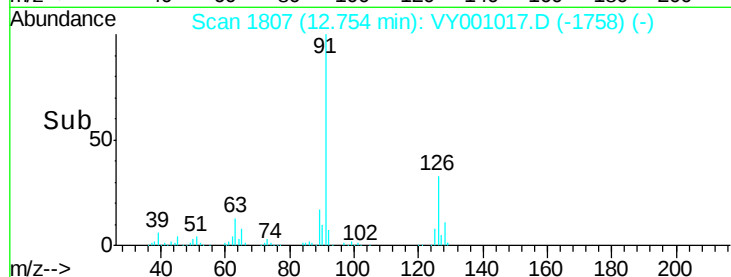
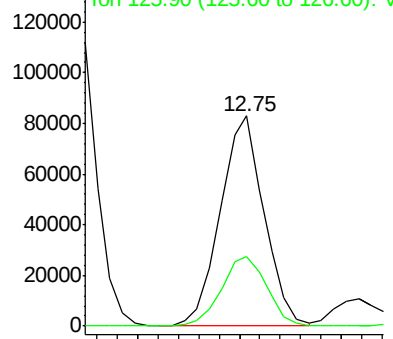
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Abundance Ion 91.00 (90.70 to 91.70): VY001017.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.622 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001017.D

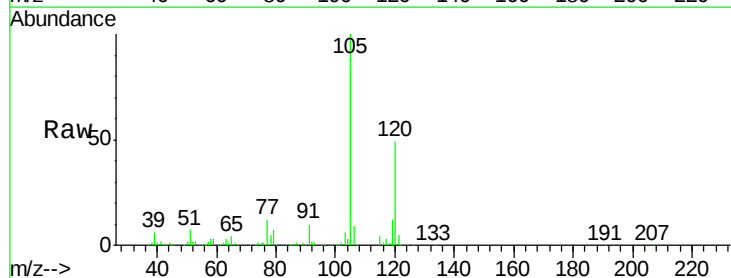
Acq: 23 Dec 2019 10:23

Tgt Ion: 105 Resp: 152076

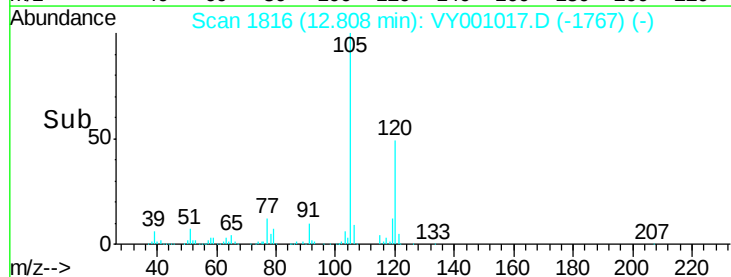
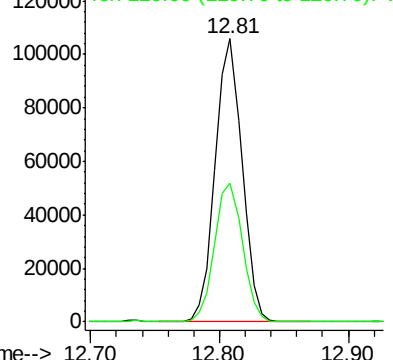
Ion Ratio Lower Upper

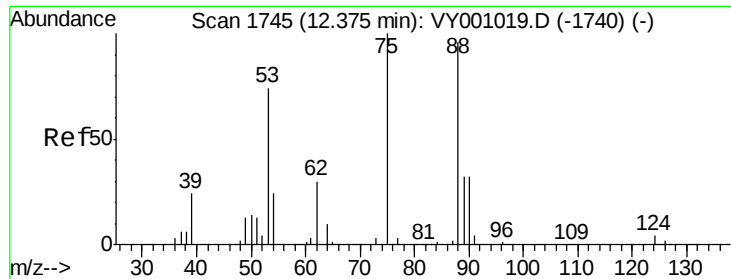
105 100

120 51.1 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001017.D (-1767) (-)





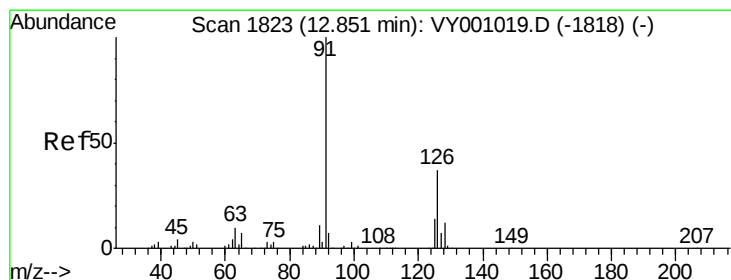
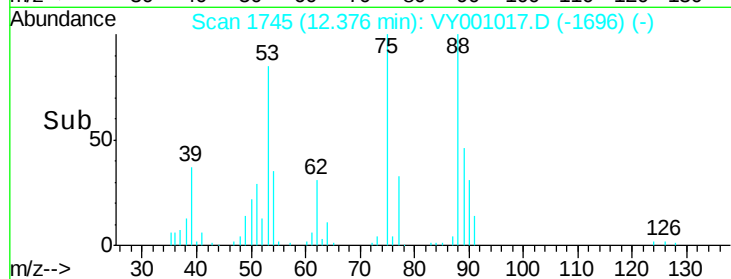
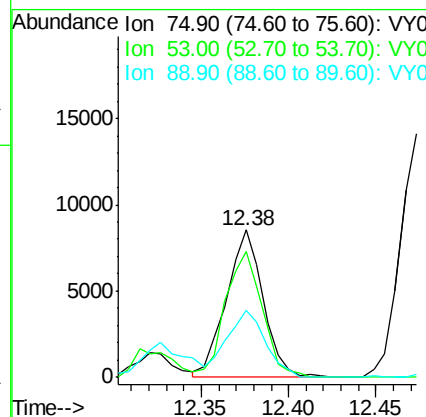
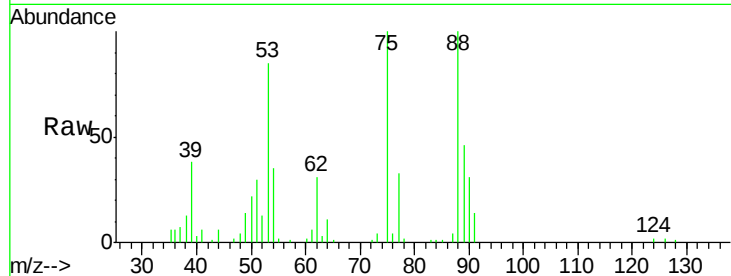
#81
trans-1,4-Dichloro-2-butene
Concen: 9.668 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.4	60.6	91.0
89	47.8	35.4	53.0

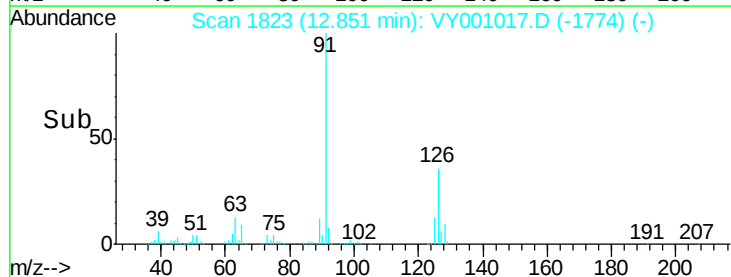
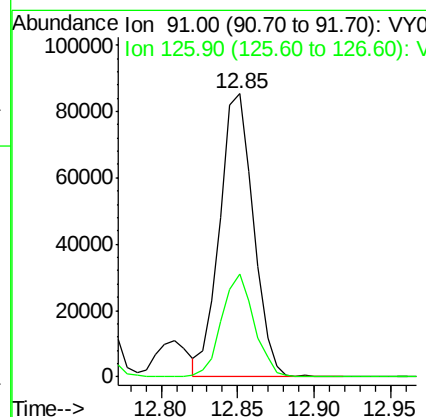
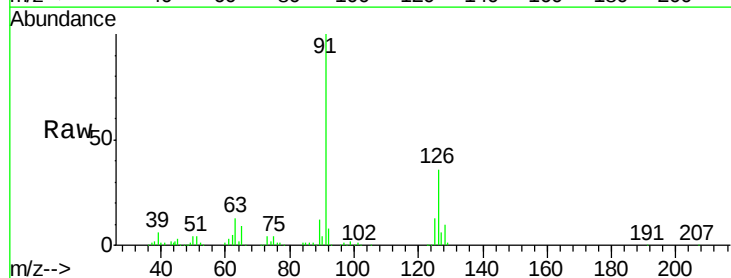
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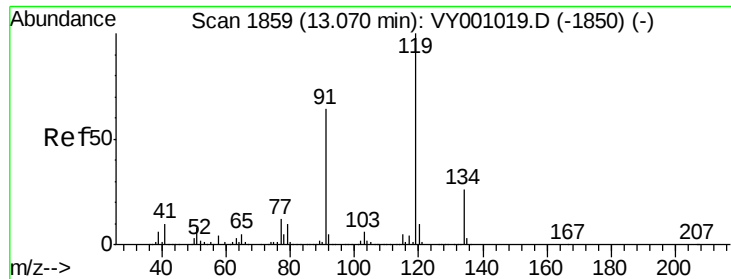
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#82
4-Chlorotoluene
Concen: 10.729 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.6	52.8





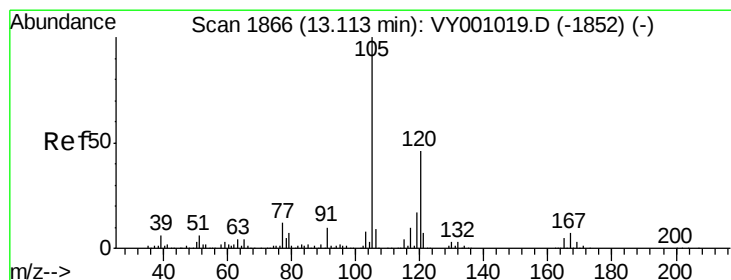
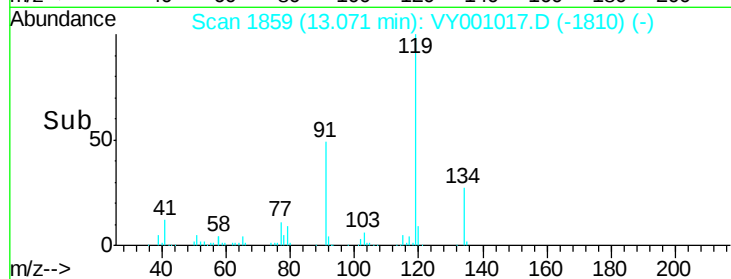
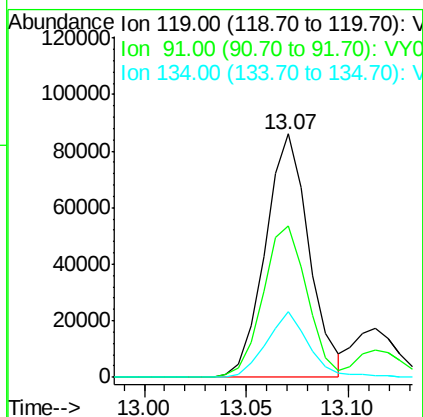
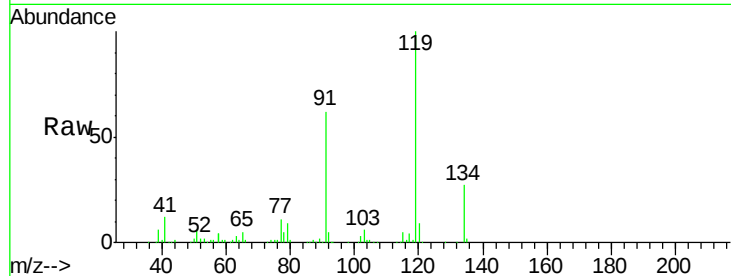
#83
tert-Butylbenzene
Concen: 10.624 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	128581		
91	63.0		31.9	95.7
134	26.6		13.6	40.7

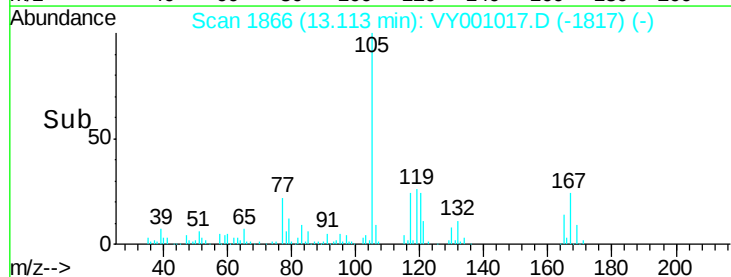
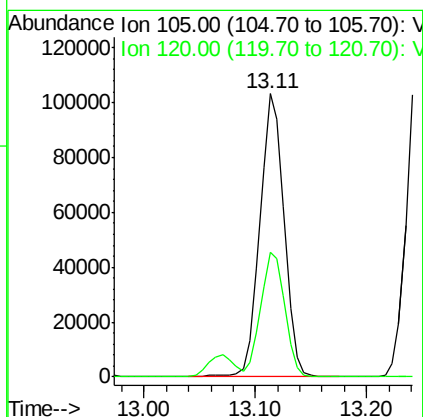
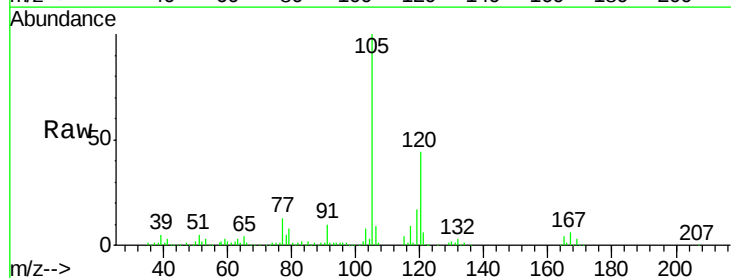
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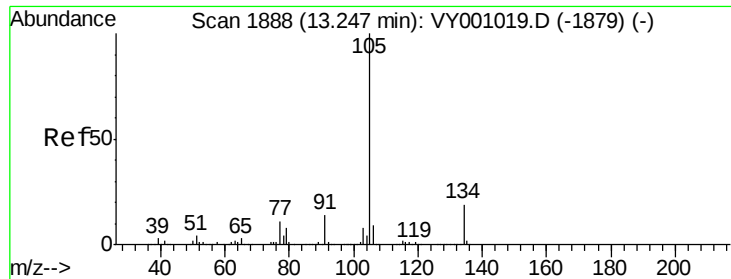
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#84
1,2,4-Trimethylbenzene
Concen: 10.939 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157120		
120	44.0		23.4	70.2





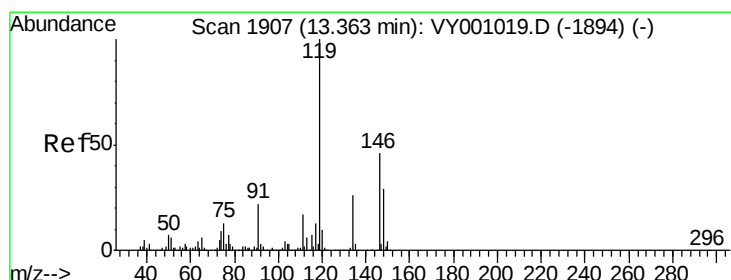
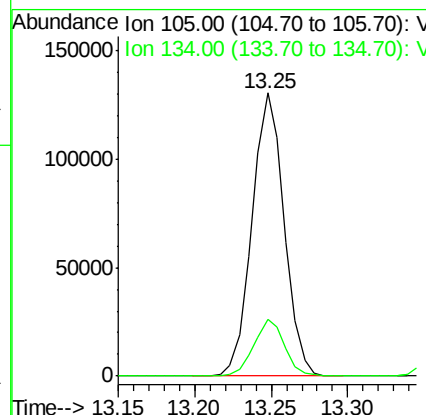
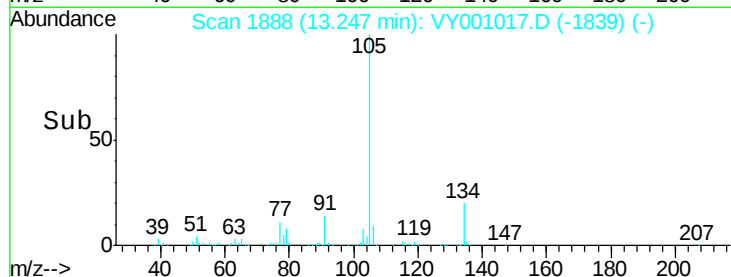
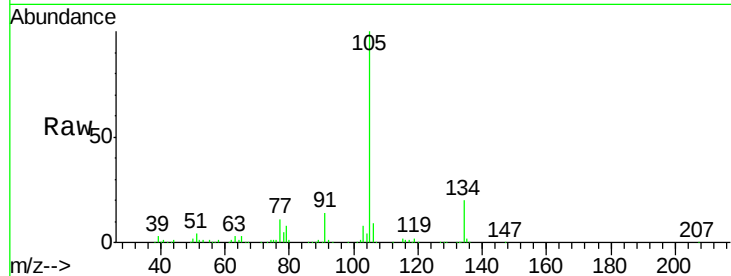
#85
 sec-Butylbenzene
 Concen: 10.722 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	10.0	30.0

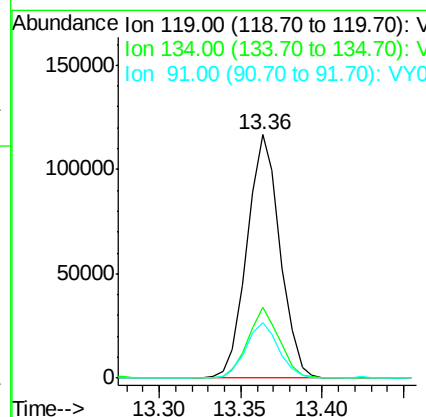
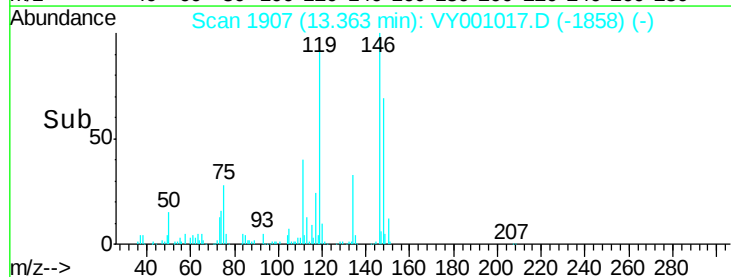
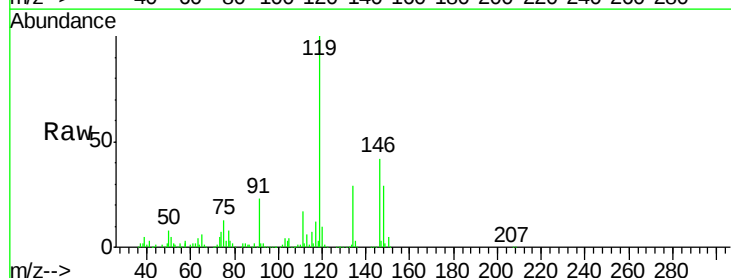
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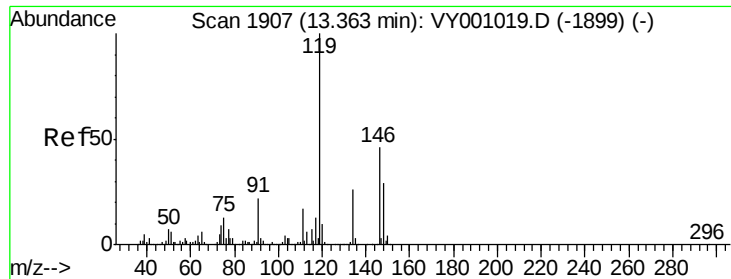
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#86
 p-Isopropyltoluene
 Concen: 10.706 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.6	40.7
91	22.5	11.4	34.1





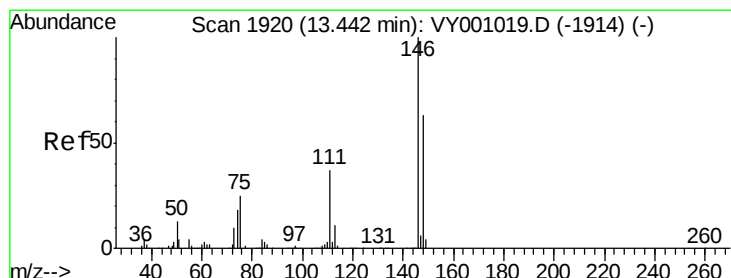
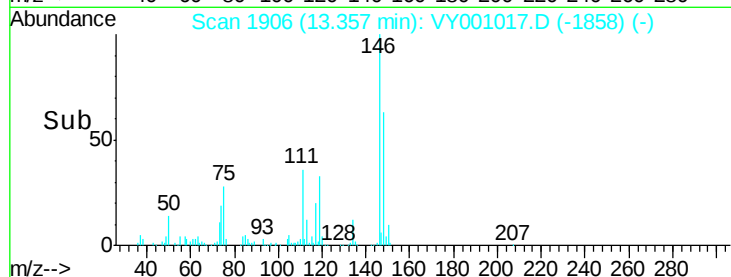
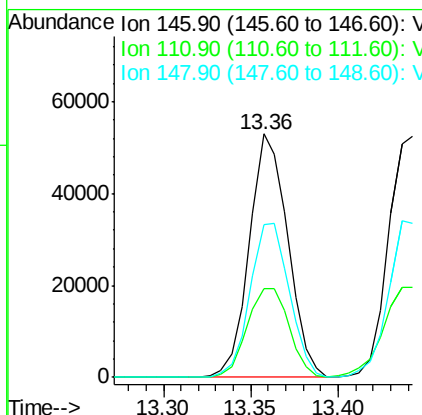
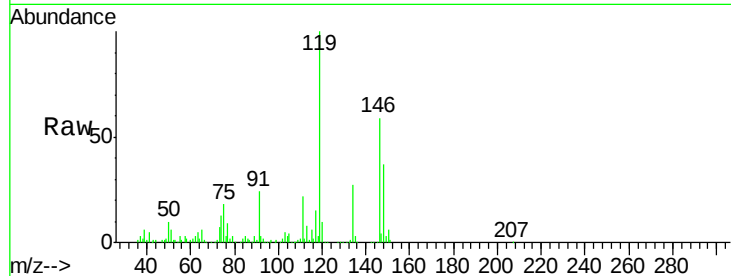
#87
 1,3-Dichlorobenzene
 Concen: 10.863 ug/l
 RT: 13.36 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	64.6	31.9	95.5

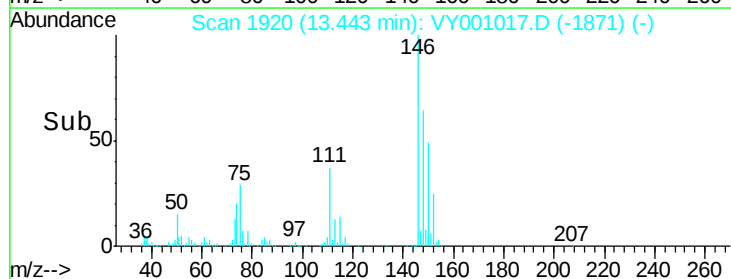
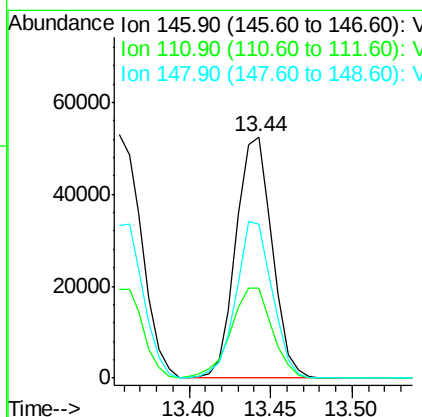
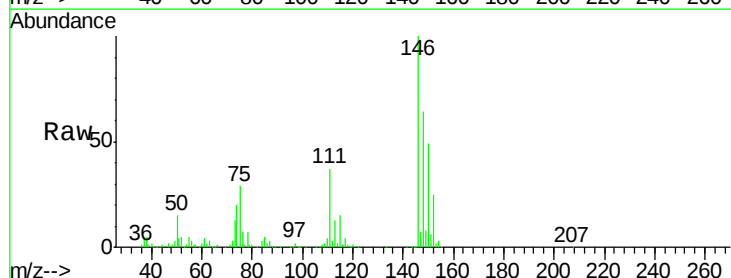
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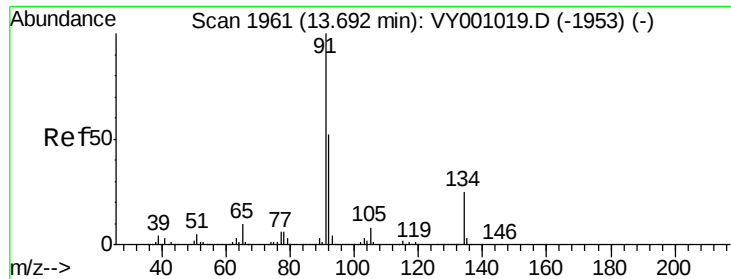
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#88
 1,4-Dichlorobenzene
 Concen: 10.790 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	19.4	58.2
148	65.2	31.8	95.3





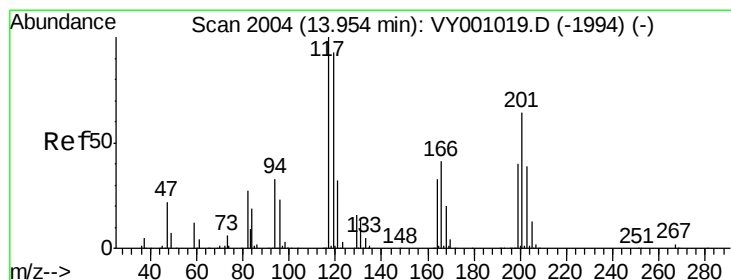
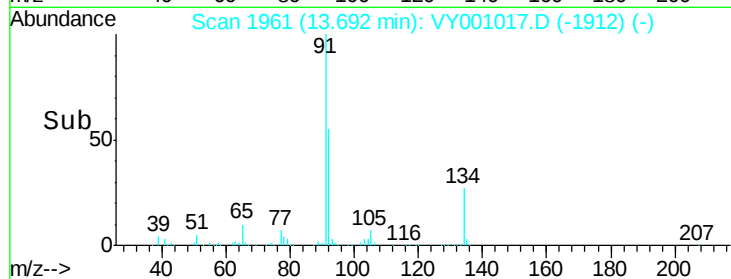
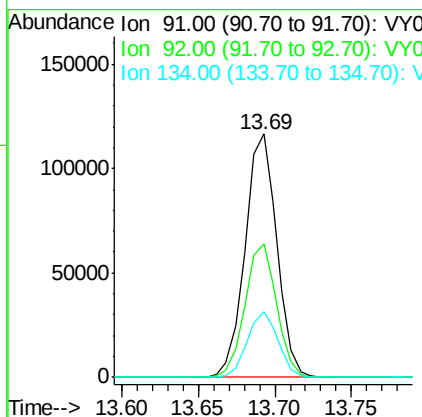
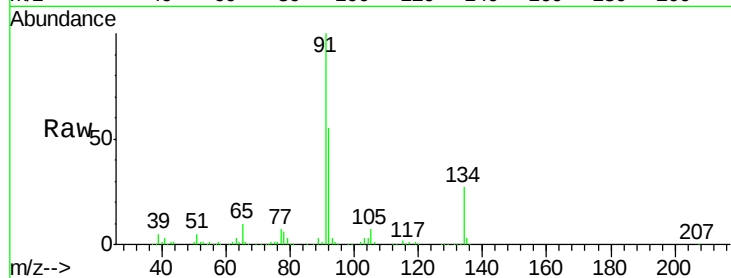
#89
n-Butylbenzene
Concen: 10.812 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.9	80.7
134	26.1	12.7	38.0

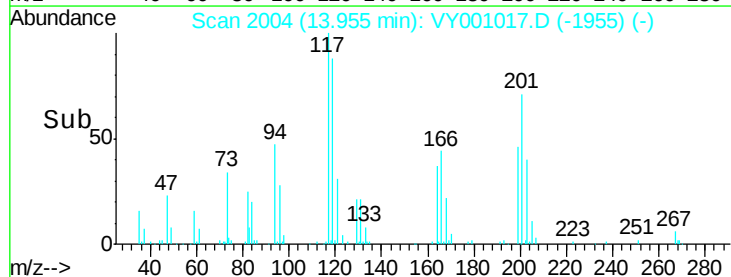
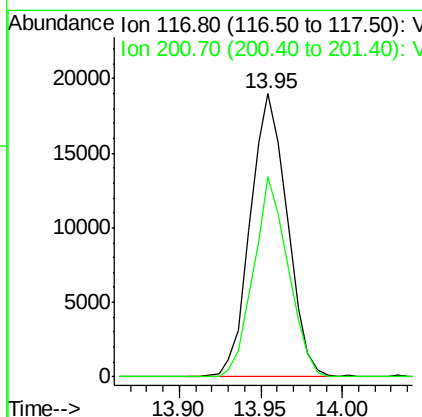
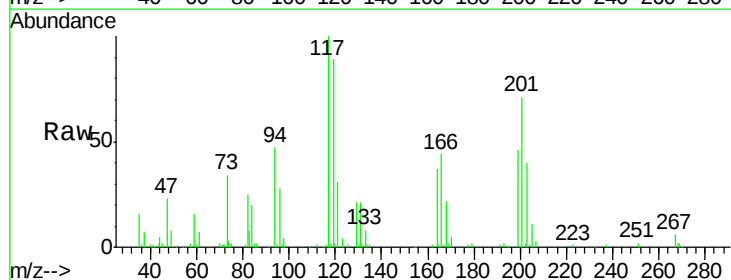
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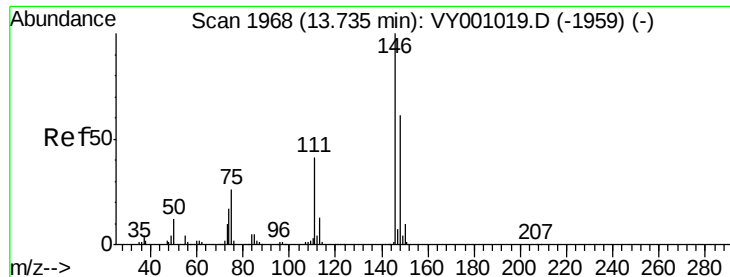
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#90
Hexachloroethane
Concen: 10.411 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.2	33.7	101.1





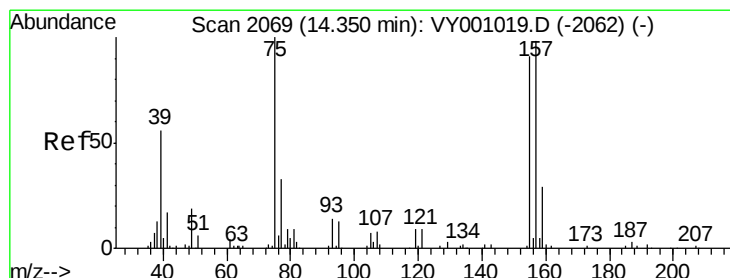
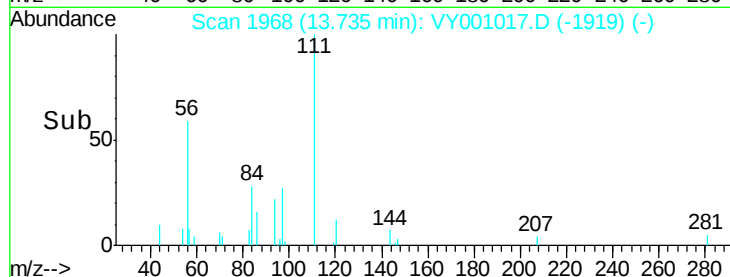
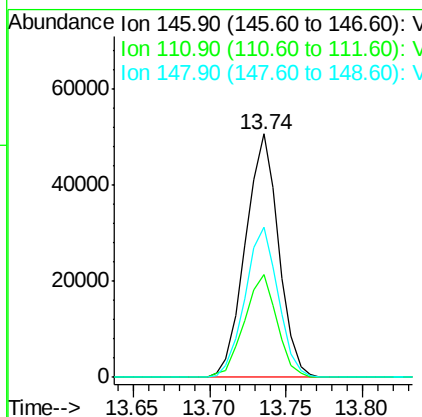
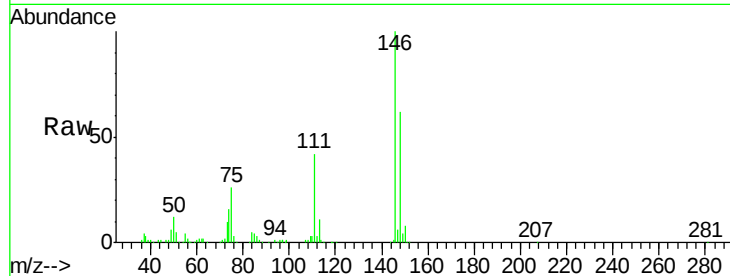
#91
 1,2-Dichlorobenzene
 Concen: 11.126 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	61.7	31.6	94.7

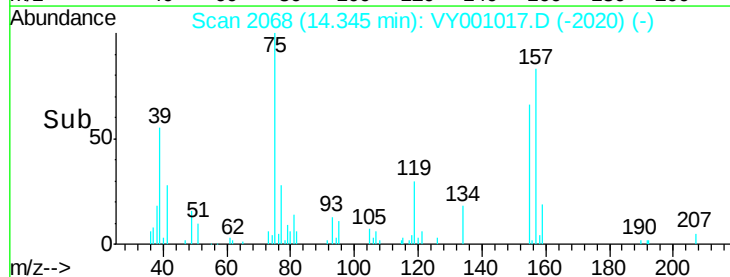
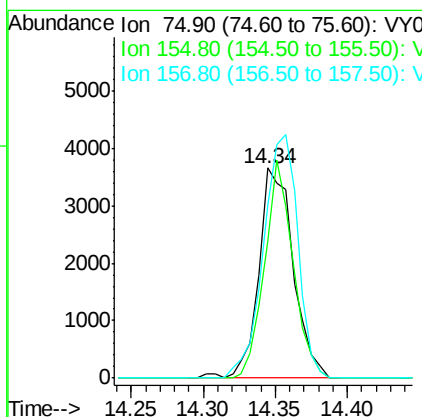
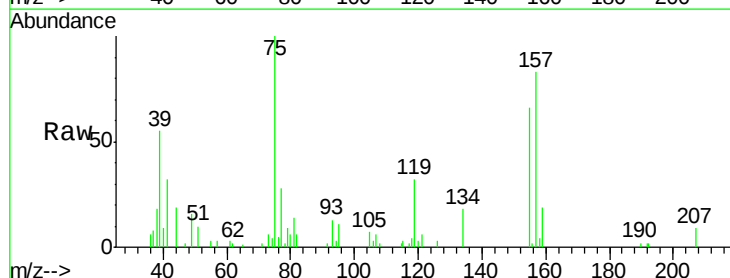
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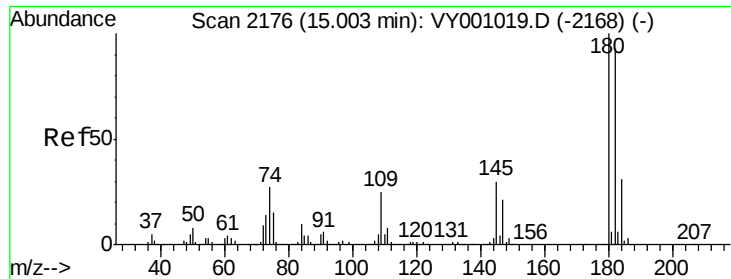
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.519 ug/l
 RT: 14.34 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	46.3	138.9
157	116.3	58.1	174.4





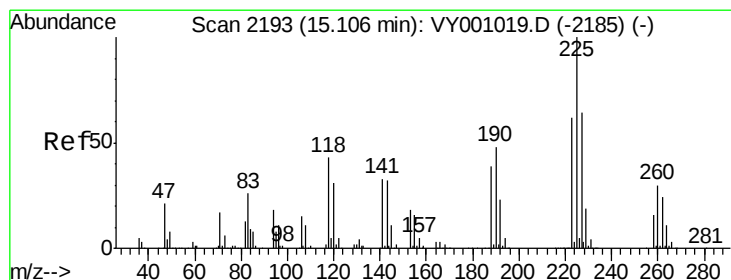
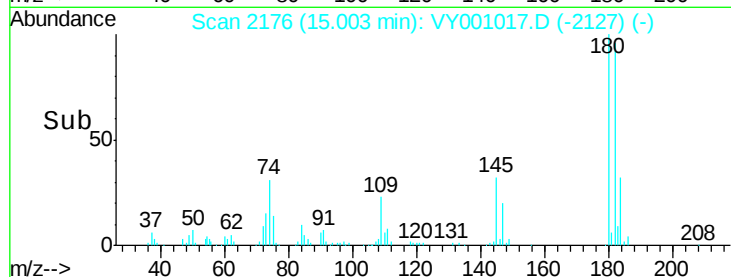
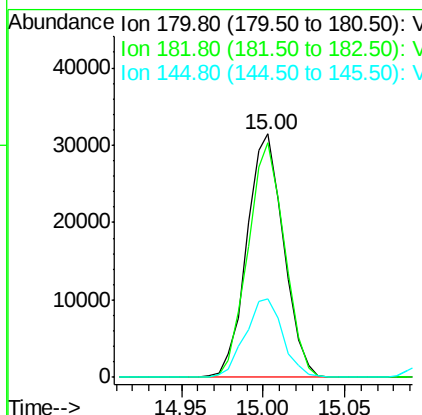
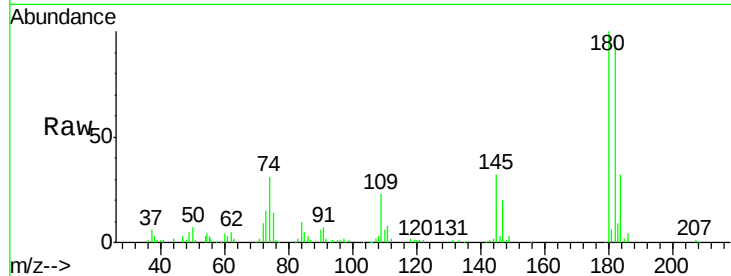
#93
 1,2,4-Trichlorobenzene
 Concen: 10.635 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	49230		
182	95.8	46.8	140.3	
145	33.1	15.3	45.9	

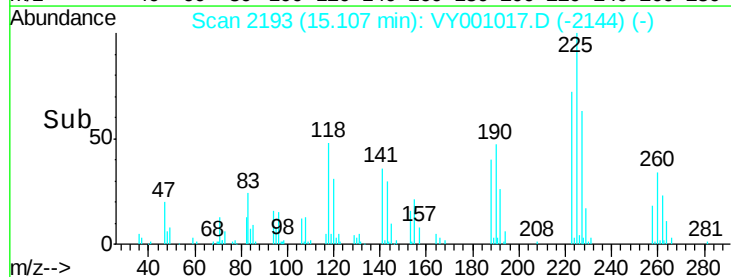
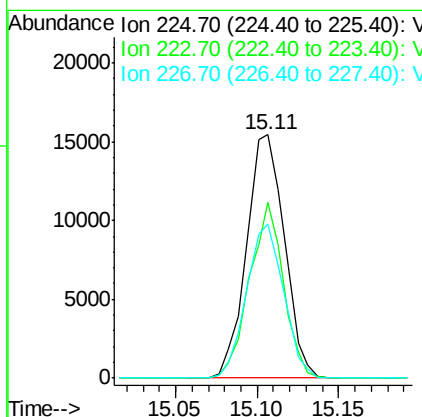
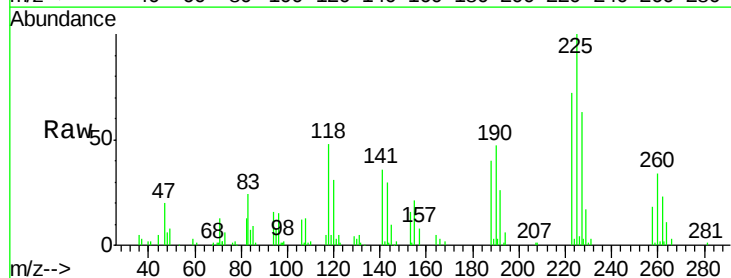
Manual Integrations
 APPROVED

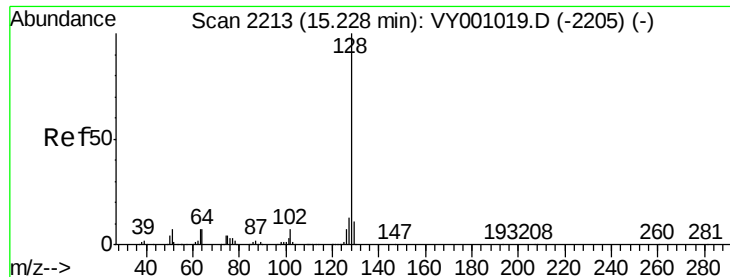
apatel
 12/24/2019 11:05:23 AM



#94
 Hexachlorobutadiene
 Concen: 11.330 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001017.D
 Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24999		
223	64.8	31.6	94.8	
227	61.9	31.9	95.5	





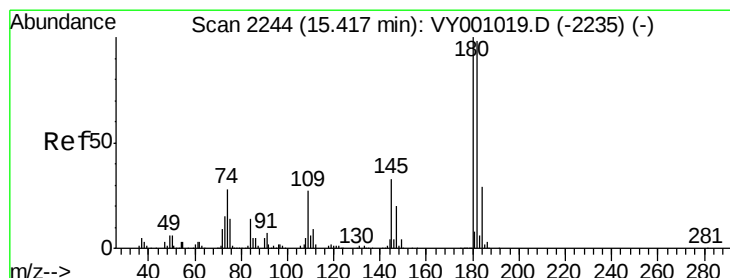
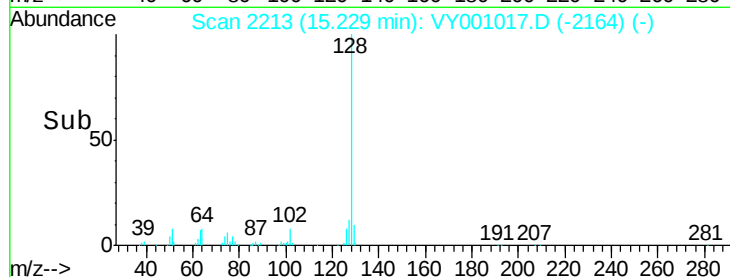
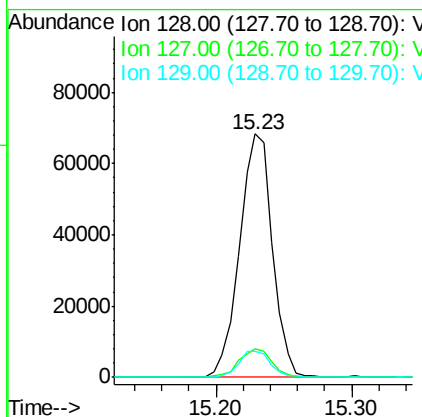
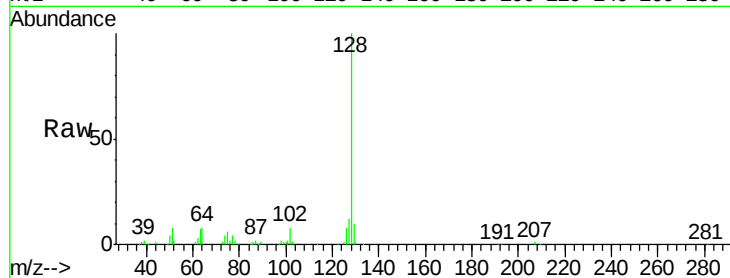
#95
Naphthalene
Concen: 10.609 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	114898		
127	11.8		9.9	14.9
129	10.7		8.6	13.0

Manual Integrations
APPROVED

apatel
12/24/2019 11:05:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 10.683 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001017.D
Acq: 23 Dec 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	43958		
182	100.4		47.9	143.8
145	35.1		16.3	48.9

