

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001273.D
 Acq On : 17 Jan 2020 18:17
 Operator : SY/MD
 Sample : L1142-01
 Misc : 7.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Quant Time: Jan 18 03:25:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	158131	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.72	114	277038	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	214684	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.55	152	91516	50.00	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	88407	52.93	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.76	113	83525	51.49	ug/l	0.04
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.20	98	480519	76.88	ug/l	0.02
Spiked Amount	50.000		Recovery	=	153.76%	
62) 4-Bromofluorobenzene	12.46	95	5708617	2234.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	4468.24%	
Target Compounds						
						Qvalue
16) Acetone	3.99	43	29216	75.32	ug/l	99
17) Carbon Disulfide	4.24	76	28670	5.48	ug/l	96
20) Methylene Chloride	4.77	84	8793	Below	Cal	91
25) 2-Butanone	7.03	43	6517	10.80	ug/l #	84
29) Tetrahydrofuran	7.41	42	497	1.20	ug/l #	39
31) Cyclohexane	7.83	56	4460	1.38	ug/l #	9
36) 1,1-Dichloropropene	7.83	75	11930	4.72	ug/l #	49
37) Ethyl Acetate	7.03	43	6517	4.40	ug/l #	68
38) Carbon Tetrachloride	7.83	117	15433	6.67	ug/l #	16
39) Methylcyclohexane	9.21	83	60839	17.77	ug/l #	71
43) Isopropyl Acetate	8.30	43	2973	1.05	ug/l #	51
46) Dibromomethane	9.35	93	2073	2.09	ug/l #	17
47) Bromodichloromethane	9.49	83	9823	4.05	ug/l #	34
48) Methyl methacrylate	9.27	41	21813	16.63	ug/l #	29
51) 4-Methyl-2-Pentanone	10.02	43	366055	254.59	ug/l #	35
53) t-1,3-Dichloropropene	10.54	75	3734	1.38	ug/l #	1
55) 1,1,2-Trichloroethane	10.64	97	1705439	1157.07	ug/l #	20
56) Ethyl methacrylate	10.54	69	2751295	1220.29	ug/l #	79
59) 2-Hexanone	10.94	43	4571669	4536.86	ug/l #	41
60) Dibromochloromethane	10.93	129	22769	13.42	ug/l #	36
61) 1,2-Dibromoethane	11.11	107	6348	4.41	ug/l #	1
65) Chlorobenzene	11.56	112	40315	9.40	ug/l #	42
67) Ethyl Benzene	11.55	91	26123	3.33	ug/l #	45
68) m/p-Xylenes	11.74	106	3606	1.22	ug/l #	1
73) Isopropylbenzene	12.36	105	61163	8.89	ug/l	95
74) N-amyl acetate	12.05	43	1725031	803.42	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.58	83	847645	585.60	ug/l #	25
76) 1,2,3-Trichloropropane	12.67	75	9836	10.04	ug/l #	100
77) Bromobenzene	12.60	156	13201	8.68	ug/l #	1
78) n-propylbenzene	12.67	91	258134	31.19	ug/l #	60
79) 2-Chlorotoluene	12.77	91	254111	53.47	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.67	105	20991	3.66	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.41	75	1276	2.21	ug/l #	6
82) 4-Chlorotoluene	12.82	91	178829	35.25	ug/l #	42

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 Response via : Initial Calibration

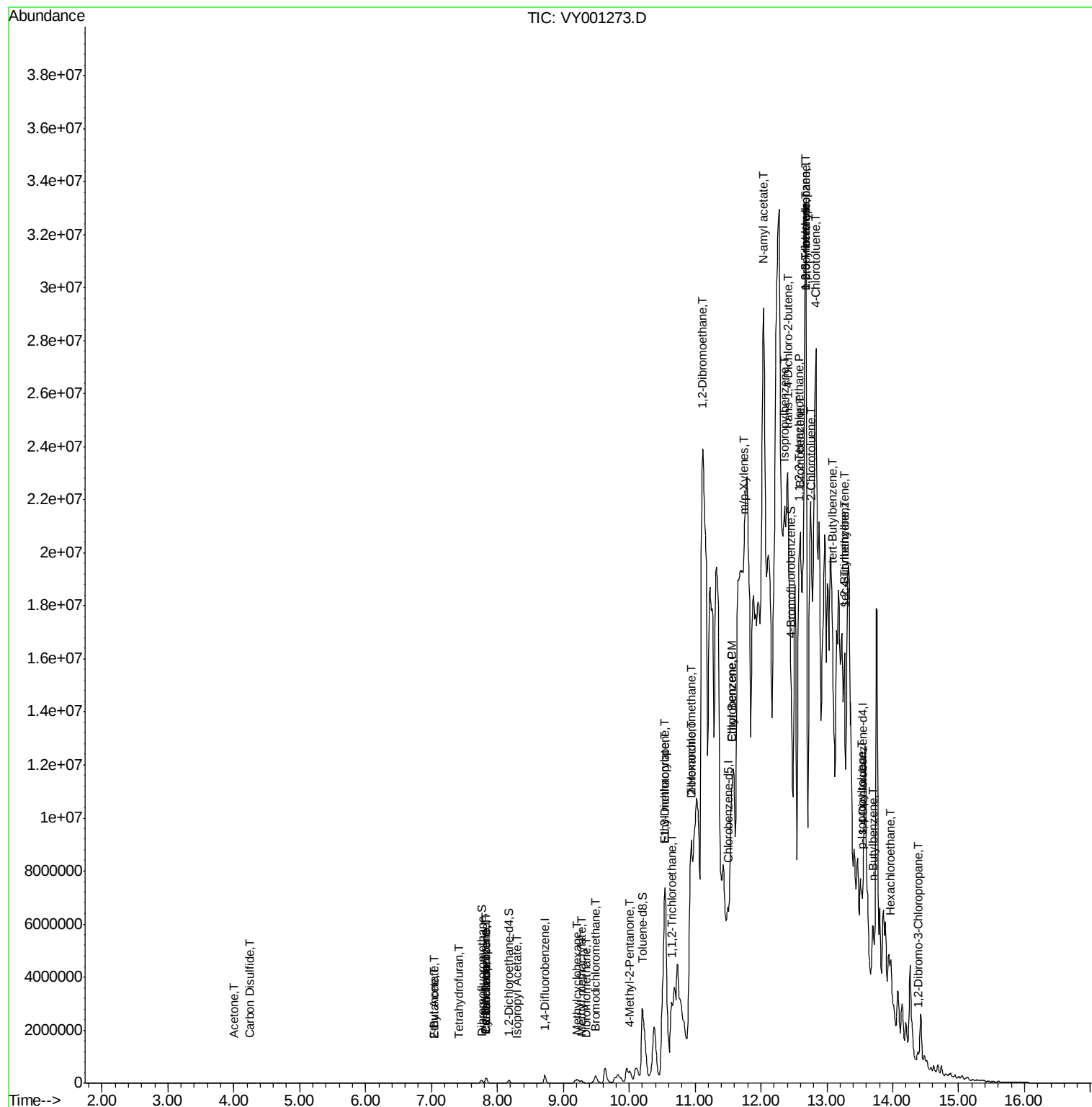
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.09	119	522527	108.33	ug/l	71
84) 1,2,4-Trimethylbenzene	13.27	105	818571	143.59	ug/l #	31
85) sec-Butylbenzene	13.27	105	818571	117.96	ug/l #	77
86) p-Isopropyltoluene	13.53	119	632058	104.91	ug/l #	87
89) n-Butylbenzene	13.70	91	174328	28.73	ug/l	91
90) Hexachloroethane	13.97	117	42261	35.90	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.38	75	1292	4.95	ug/l #	5

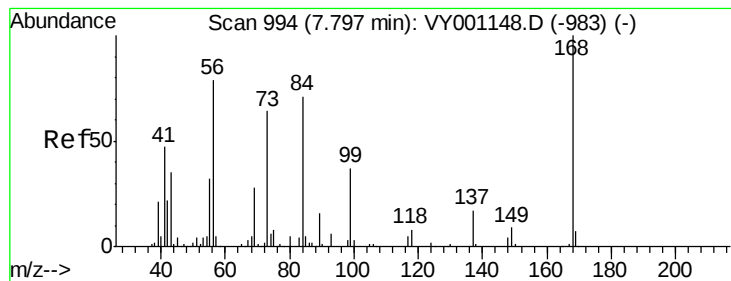
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.04 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

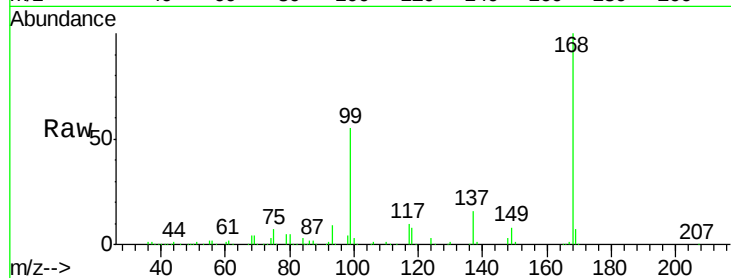
SS-1

Tgt Ion:168 Resp: 158131

Ion Ratio Lower Upper

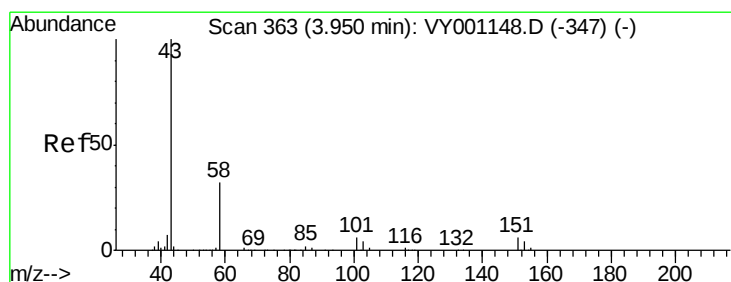
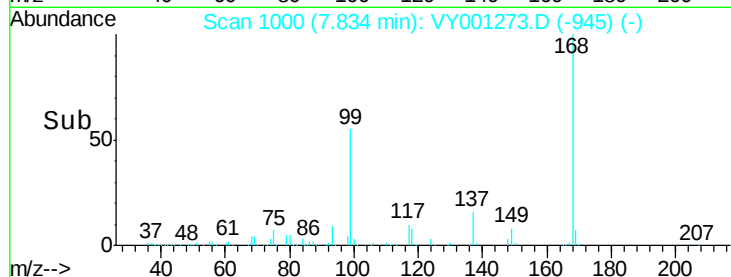
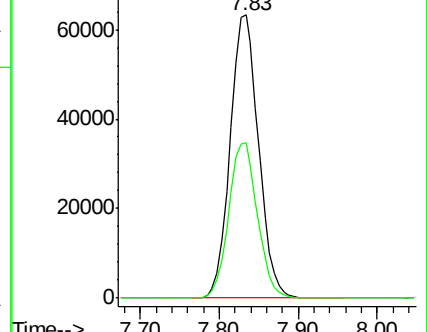
168 100

99 54.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#16

Acetone

Concen: 75.32 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY001273.D

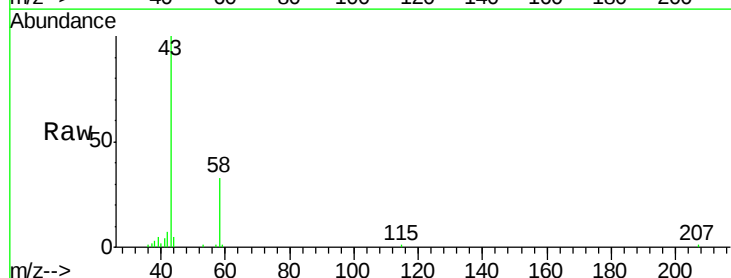
Acq: 17 Jan 2020 18:17

Tgt Ion: 43 Resp: 29216

Ion Ratio Lower Upper

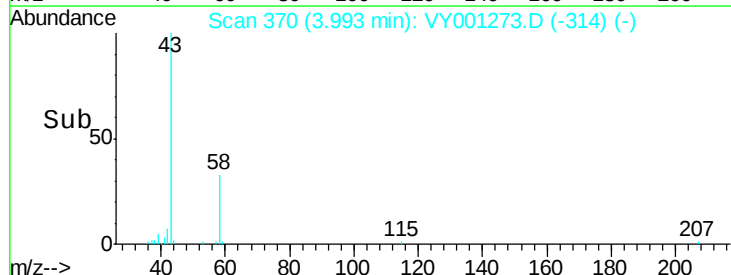
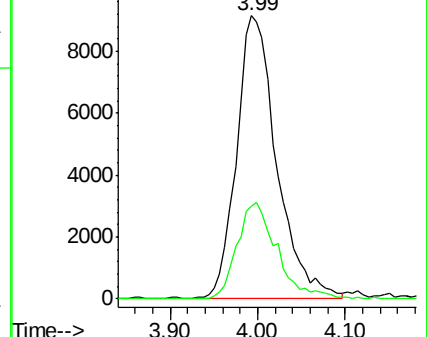
43 100

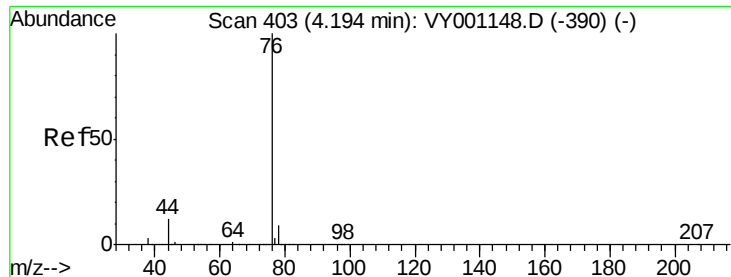
58 32.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)





#17

Carbon Disulfide

Concen: 5.48 ug/l

RT: 4.24 min Scan# 411

Delta R.T. 0.05 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

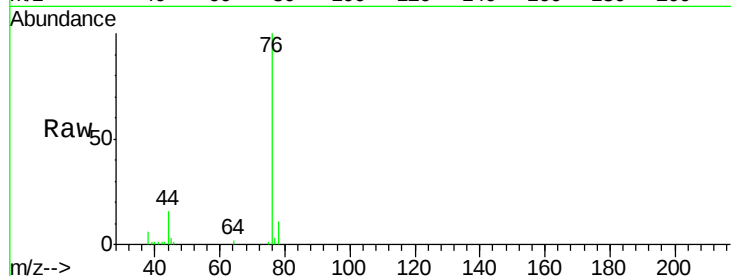
SS-1

Tgt Ion: 76 Resp: 28670

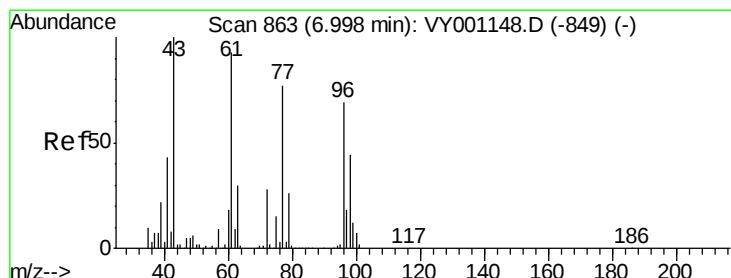
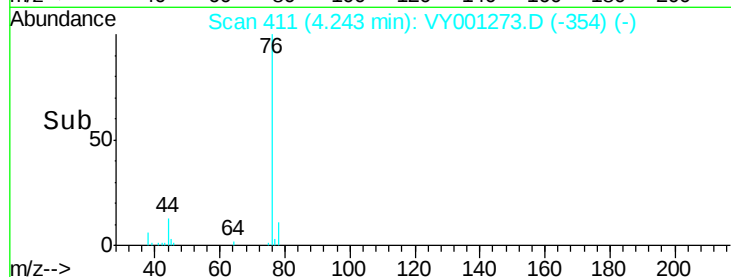
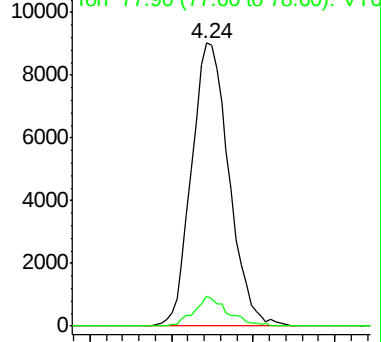
Ion Ratio Lower Upper

76 100

78 10.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VY001273.D (-354) (-)



#25

2-Butanone

Concen: 10.80 ug/l

RT: 7.03 min Scan# 869

Delta R.T. 0.04 min

Lab File: VY001273.D

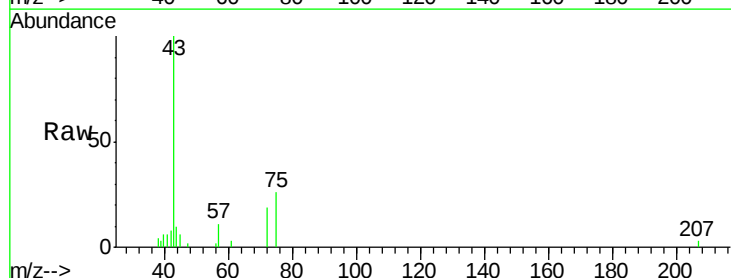
Acq: 17 Jan 2020 18:17

Tgt Ion: 43 Resp: 6517

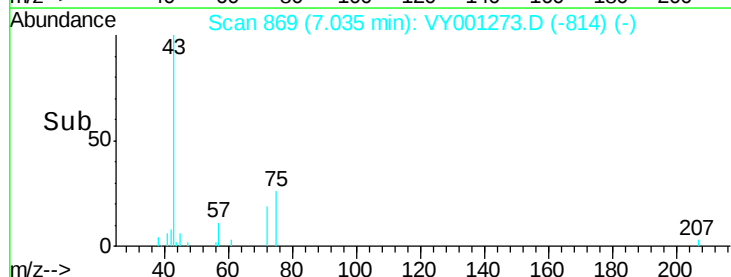
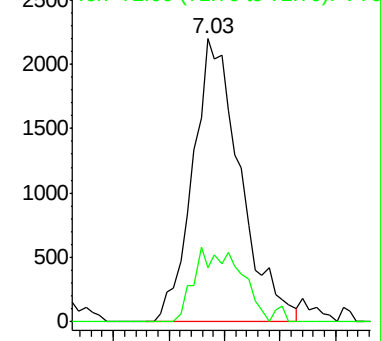
Ion Ratio Lower Upper

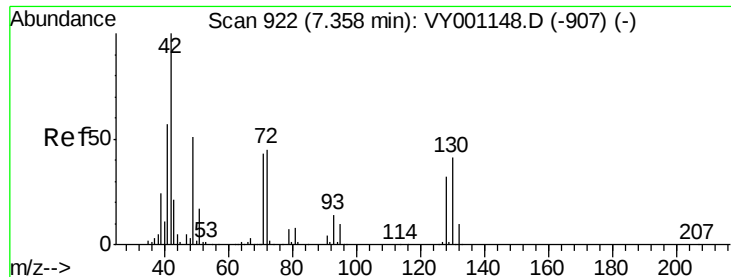
43 100

72 19.3 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VY001273.D (-814) (-)





#29

Tetrahydrofuran

Concen: 1.20 ug/l

RT: 7.41 min Scan# 930

Delta R.T. 0.05 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

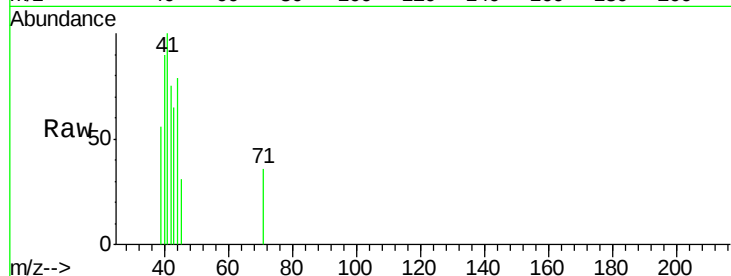
Tgt Ion: 42 Resp: 497

Ion Ratio Lower Upper

42 100

72 0.0 36.9 55.3#

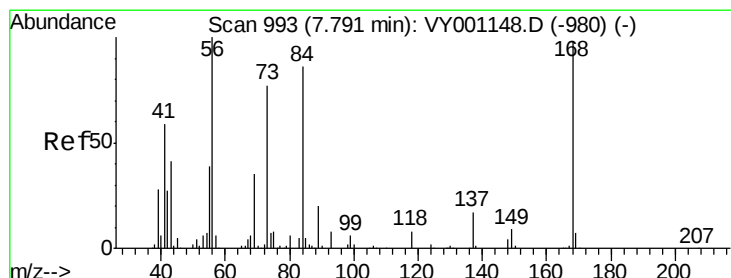
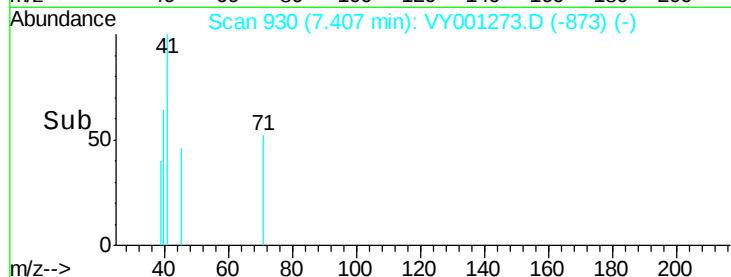
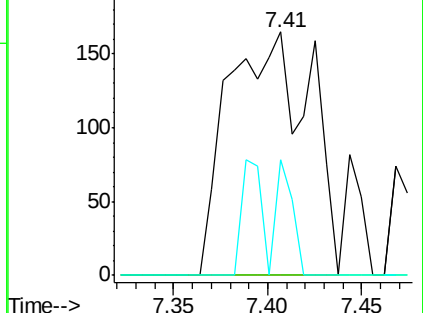
71 9.5 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#31

Cyclohexane

Concen: 1.38 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.04 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

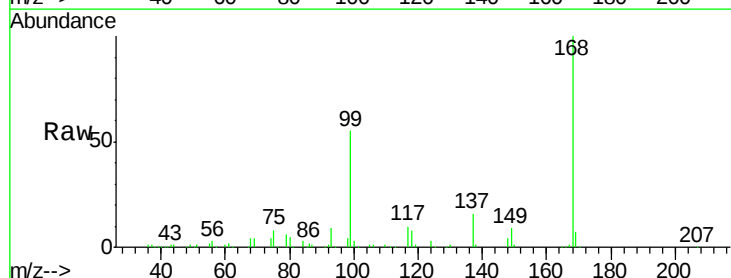
Tgt Ion: 56 Resp: 4460

Ion Ratio Lower Upper

56 100

69 163.3 27.8 41.8#

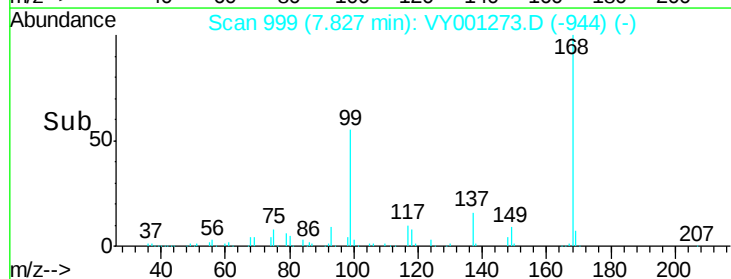
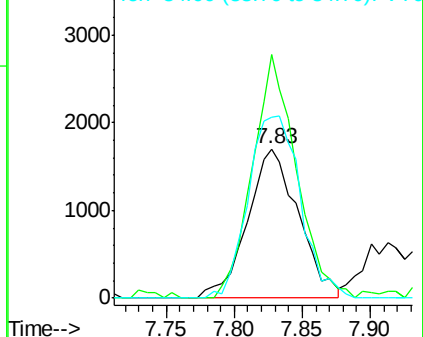
84 121.3 68.9 103.3#

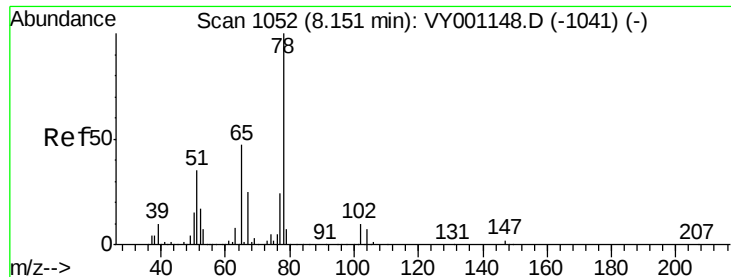


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

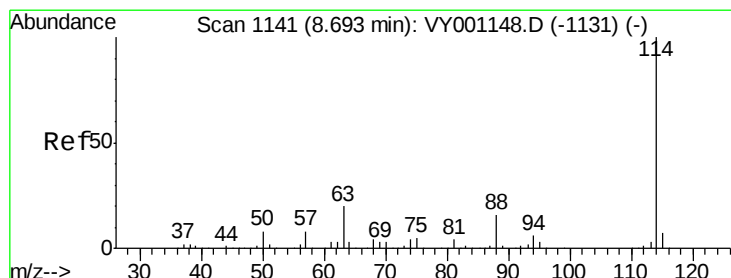
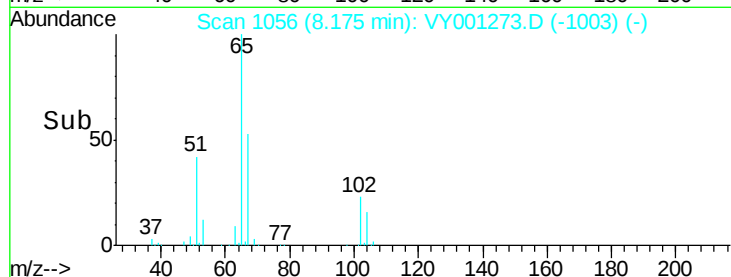
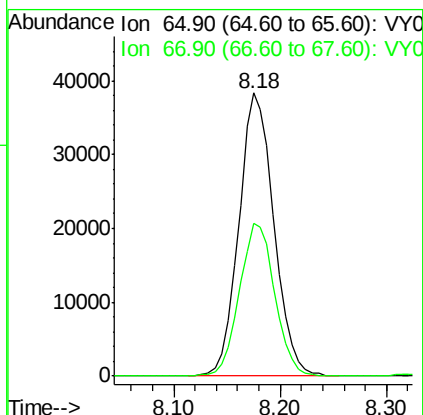
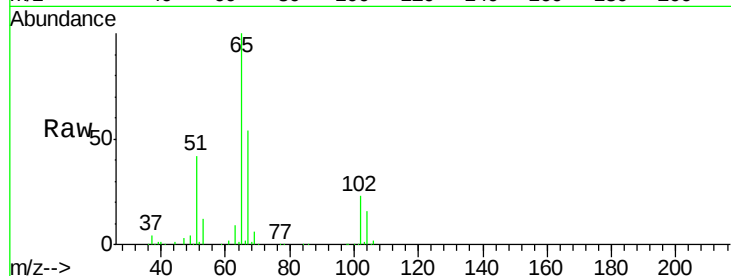




#33
 1,2-Dichloroethane-d4
 Concen: 52.93 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.02 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

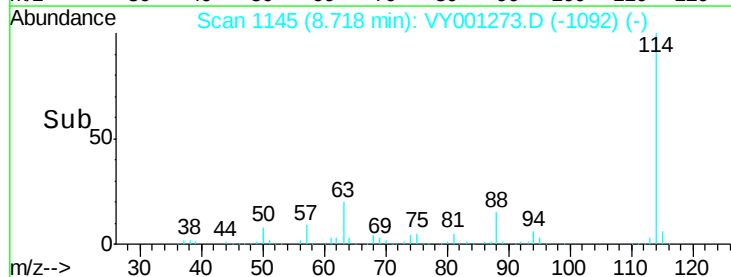
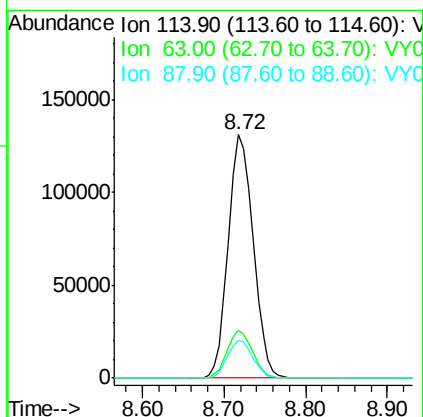
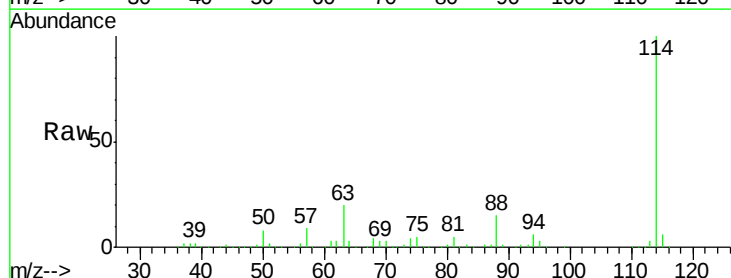
Instrument :
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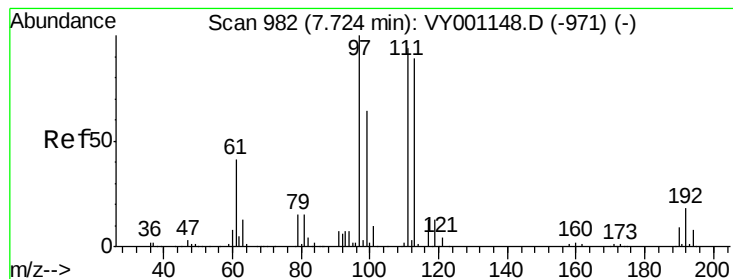
Tgt Ion: 65 Resp: 88407
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.02 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

Tgt Ion: 114 Resp: 277038
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.49 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.04 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

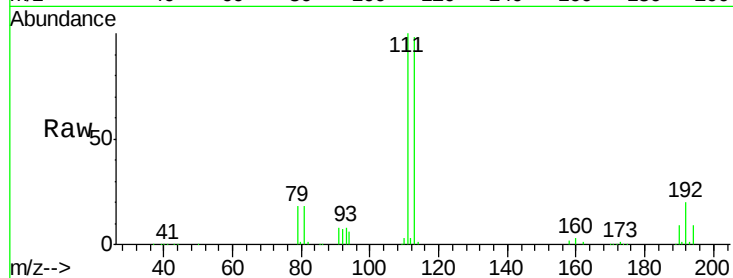
Tgt Ion:113 Resp: 83525

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

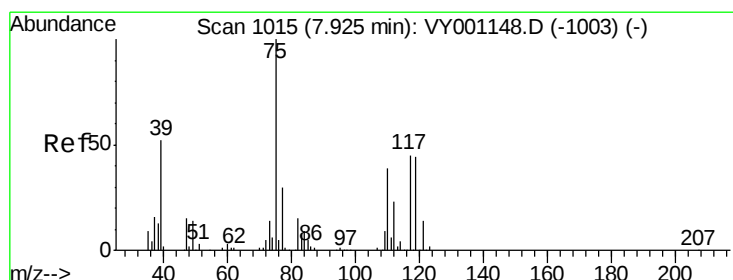
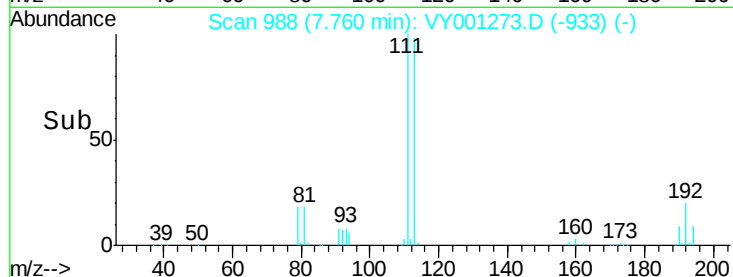
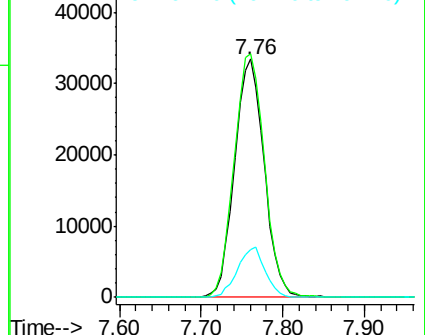
192 19.6 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.72 ug/l

RT: 7.83 min Scan# 999

Delta R.T. -0.10 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

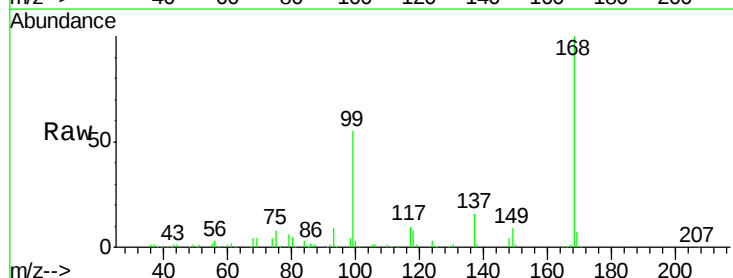
Tgt Ion: 75 Resp: 11930

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

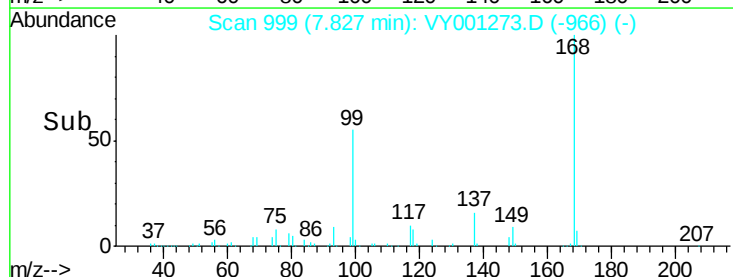
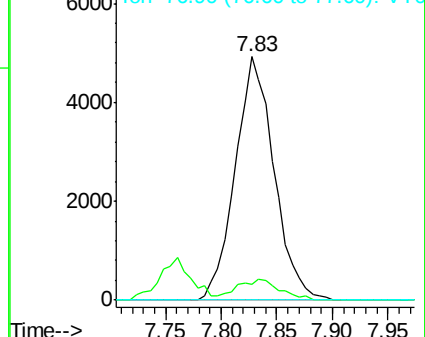
77 0.0 25.1 37.7#

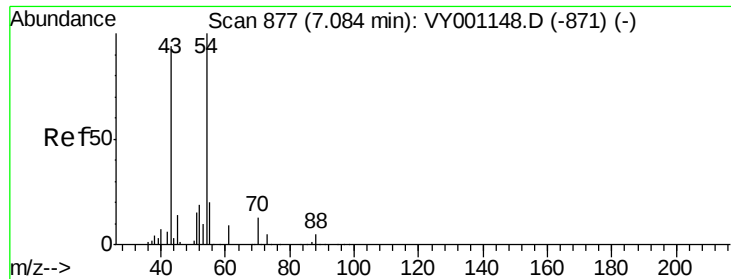


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

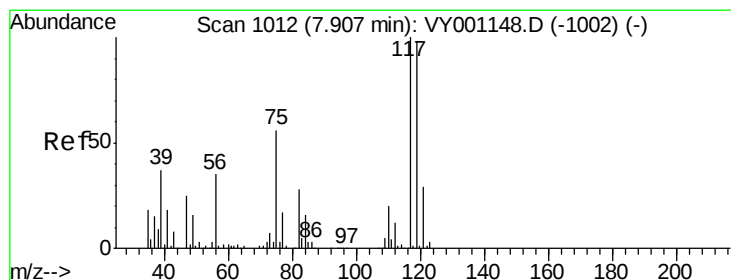
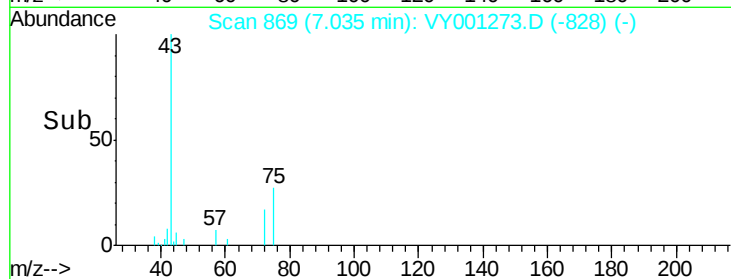
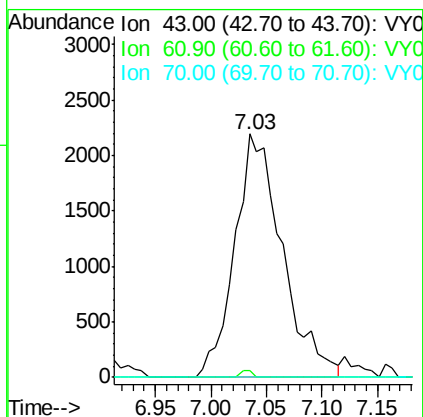
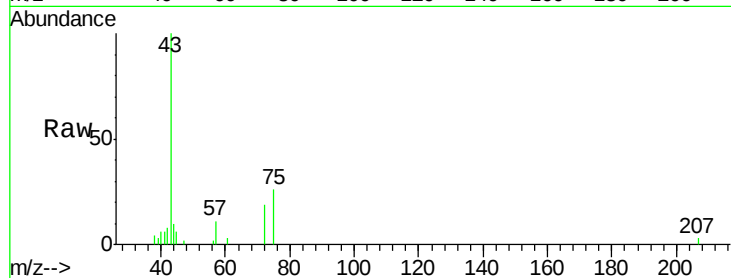




#37
Ethyl Acetate
 Concen: 4.40 ug/l
 RT: 7.03 min Scan# 869
 Delta R.T. -0.05 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

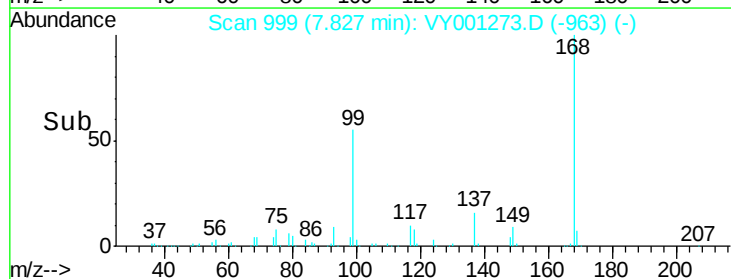
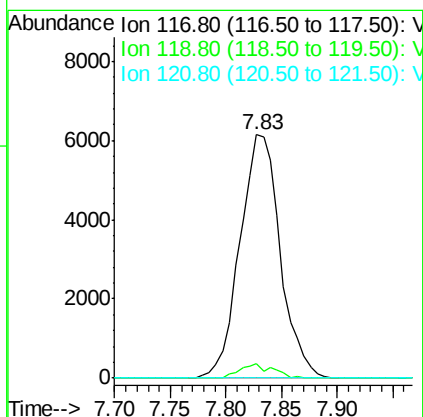
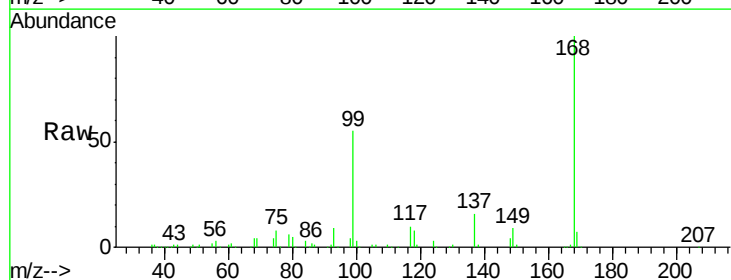
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 ClientSampleId :
 SS-1

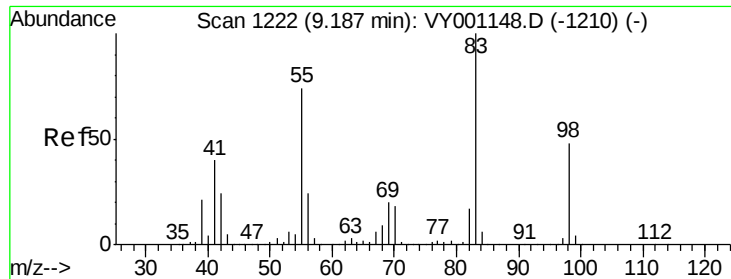
Tgt Ion: 43 Resp: 6517
 Ion Ratio Lower Upper
 43 100
 61 0.7 11.1 16.7#
 70 0.0 9.7 14.5#



#38
Carbon Tetrachloride
 Concen: 6.67 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.08 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

Tgt Ion: 117 Resp: 15433
 Ion Ratio Lower Upper
 117 100
 119 5.8 78.3 117.5#
 121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 17.77 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

SS-1

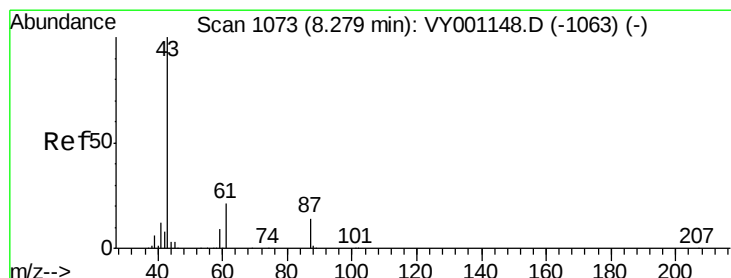
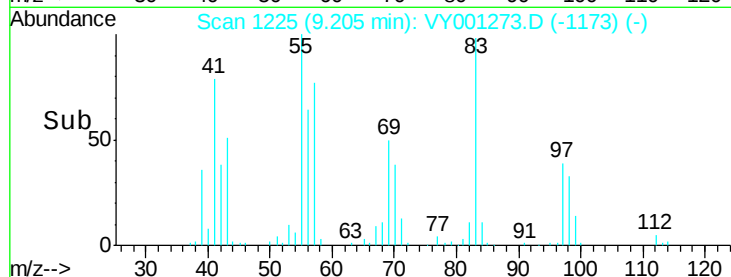
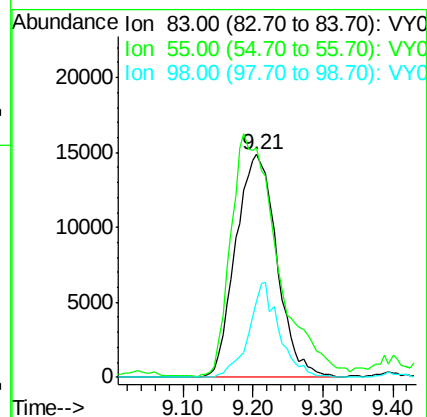
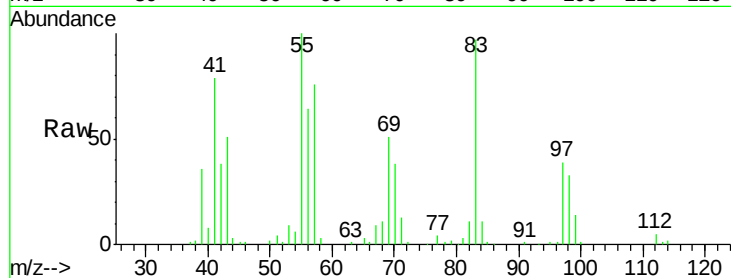
Tgt Ion: 83 Resp: 60839

Ion Ratio Lower Upper

83 100

55 102.2 58.9 88.3#

98 34.1 38.4 57.6#



#43

Isopropyl Acetate

Concen: 1.05 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

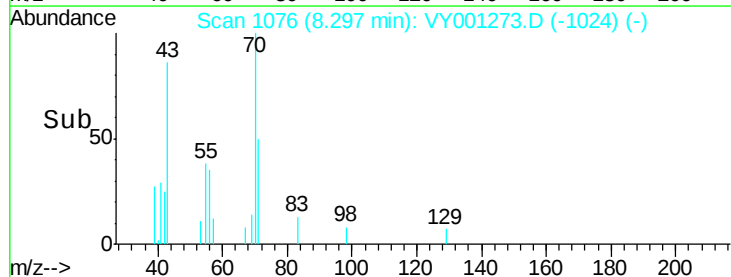
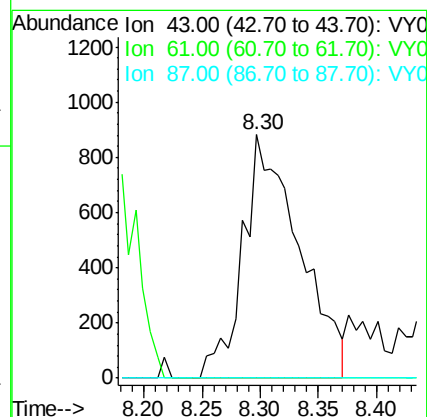
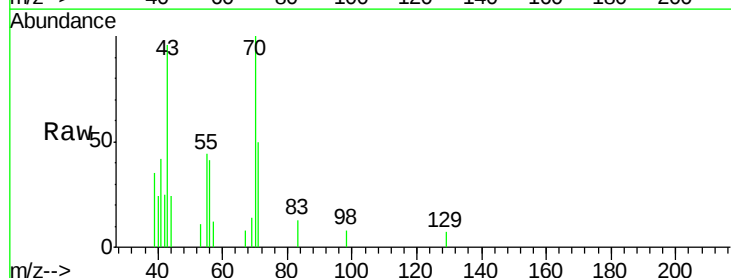
Tgt Ion: 43 Resp: 2973

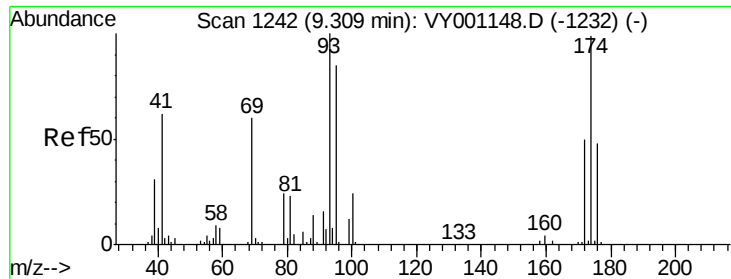
Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

87 0.0 11.4 17.2#





#46

Dibromomethane

Concen: 2.09 ug/l

RT: 9.35 min Scan# 1248

Delta R.T. 0.04 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

SS-1

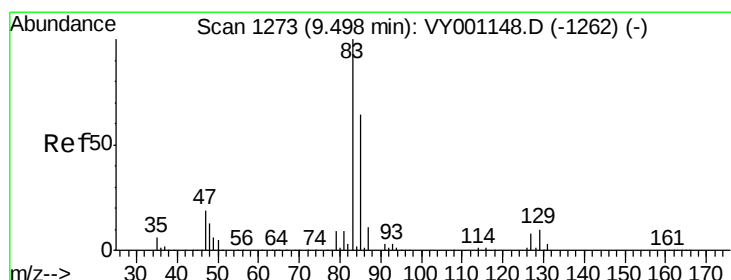
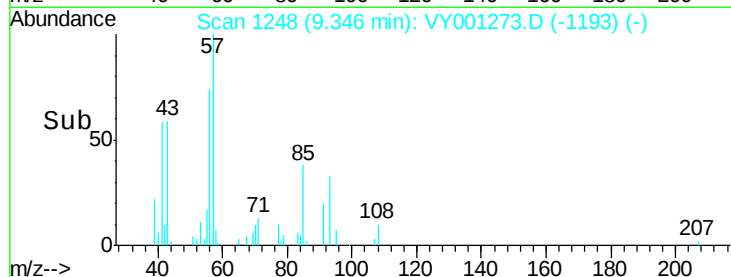
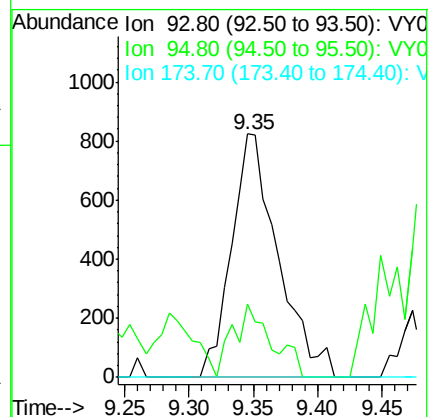
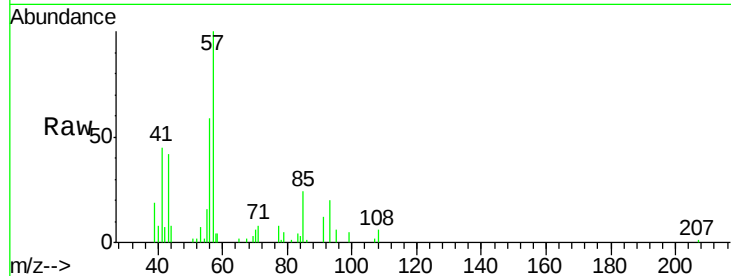
Tgt Ion: 93 Resp: 2073

Ion Ratio Lower Upper

93 100

95 25.0 66.8 100.2#

174 0.0 78.4 117.6#



#47

Bromodichloromethane

Concen: 4.05 ug/l

RT: 9.49 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

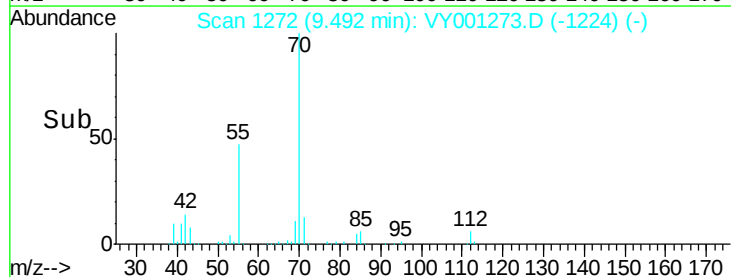
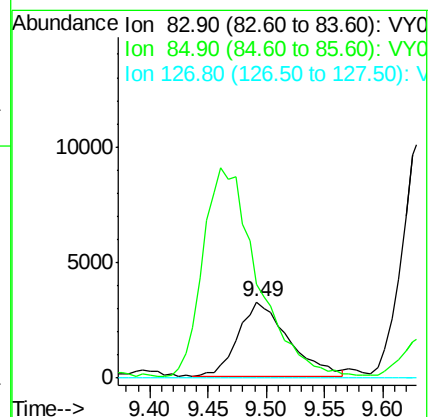
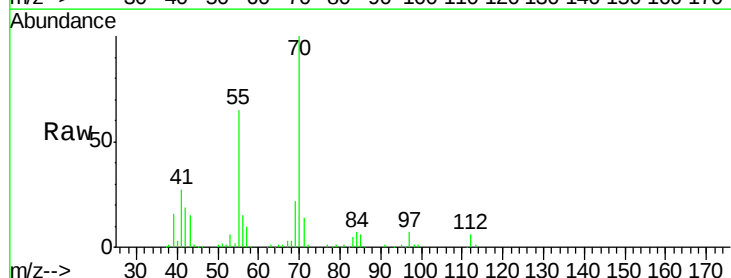
Tgt Ion: 83 Resp: 9823

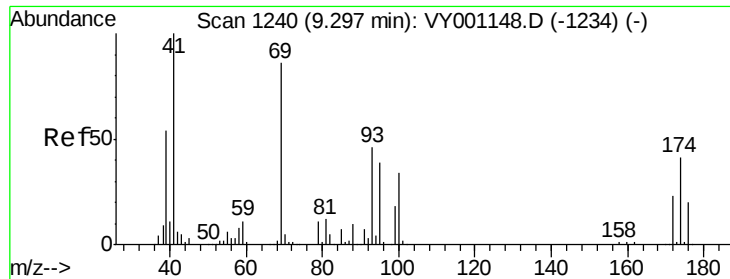
Ion Ratio Lower Upper

83 100

85 120.3 51.5 77.3#

127 0.0 6.3 9.5#

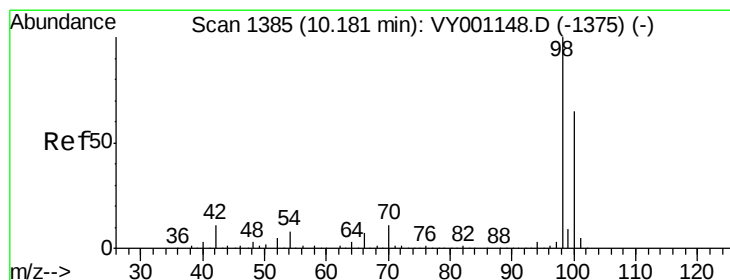
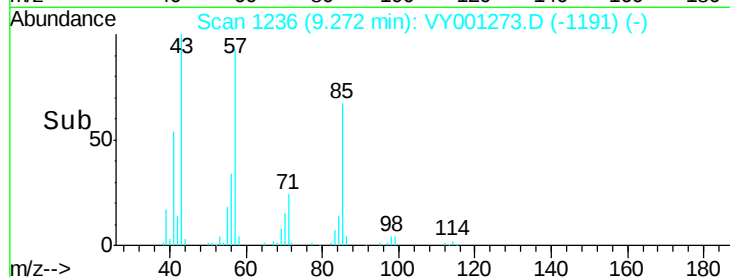
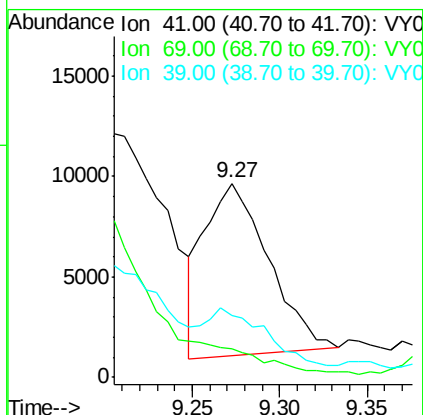
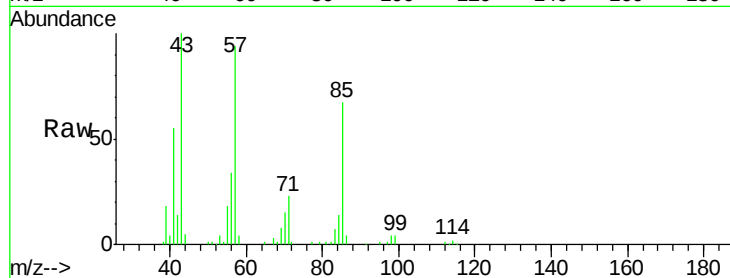




#48
Methyl methacrylate
Concen: 16.63 ug/l
RT: 9.27 min Scan# 1236
Delta R.T. -0.02 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

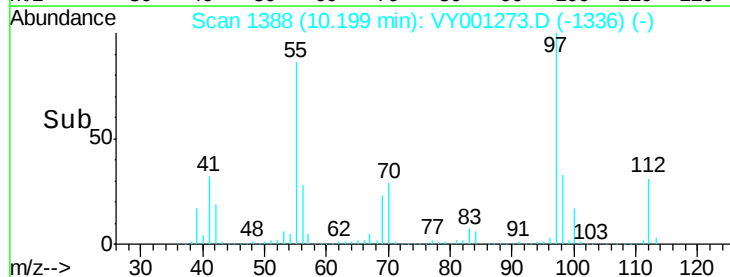
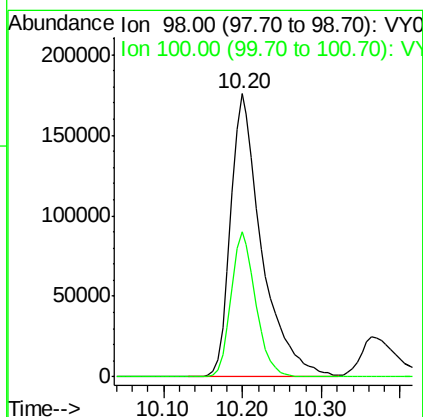
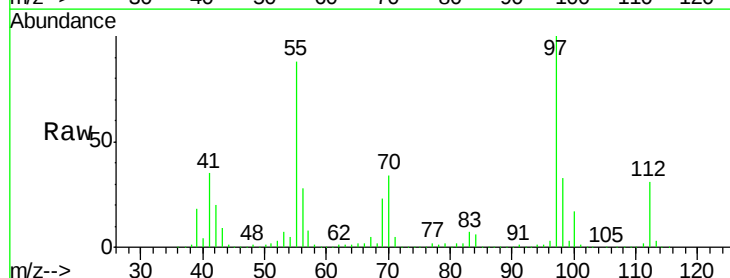
Instrument :
MSVOA_Y
ClientSampled :
SS-1

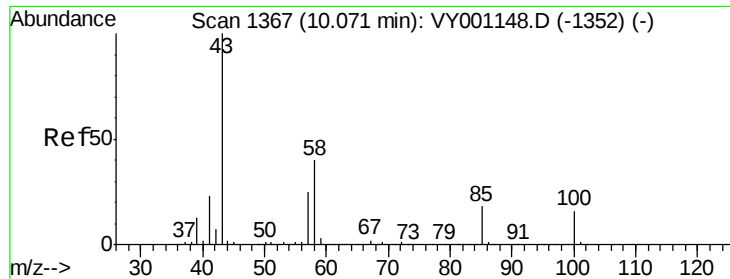
Tgt Ion: 41 Resp: 21813
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 30.6 45.2 67.8#



#50
Toluene-d8
Concen: 76.88 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.02 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Tgt Ion: 98 Resp: 480519
Ion Ratio Lower Upper
98 100
100 40.6 53.1 79.7#





#51

4-Methyl-2-Pentanone

Concen: 254.59 ug/l

RT: 10.02 min Scan# 1358

Delta R.T. -0.05 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

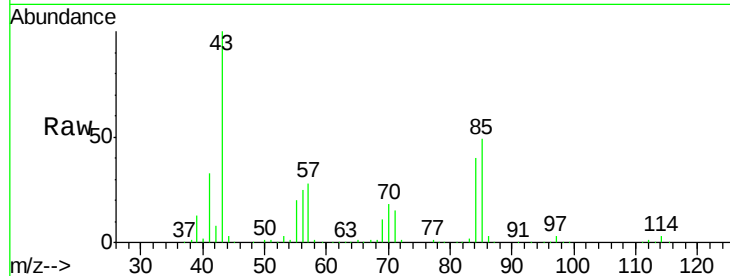
SS-1

Tgt Ion: 43 Resp: 366055

Ion Ratio Lower Upper

43 100

58 0.0 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.02

120000

100000

80000

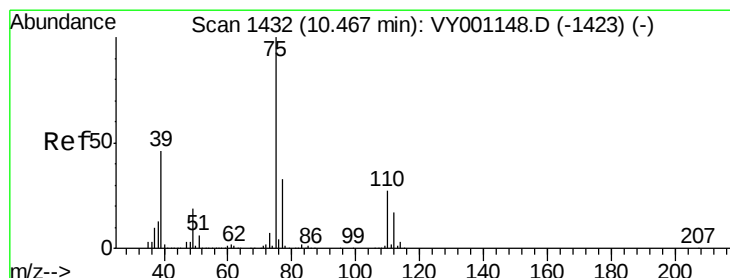
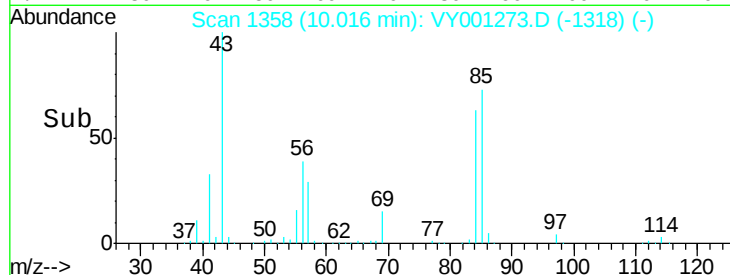
60000

40000

20000

0

Time--> 9.90 10.00 10.10 10.20



#53

t-1,3-Dichloropropene

Concen: 1.38 ug/l

RT: 10.54 min Scan# 1444

Delta R.T. 0.07 min

Lab File: VY001273.D

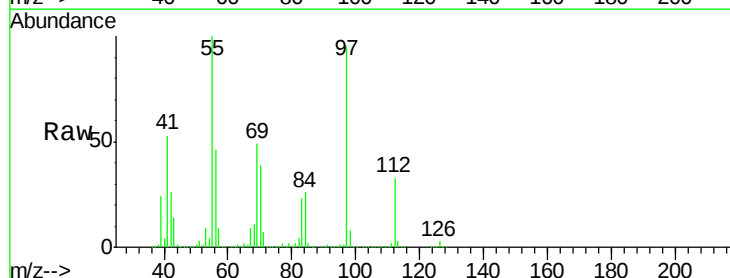
Acq: 17 Jan 2020 18:17

Tgt Ion: 75 Resp: 3734

Ion Ratio Lower Upper

75 100

77 2415.9 26.2 39.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

30000

25000

20000

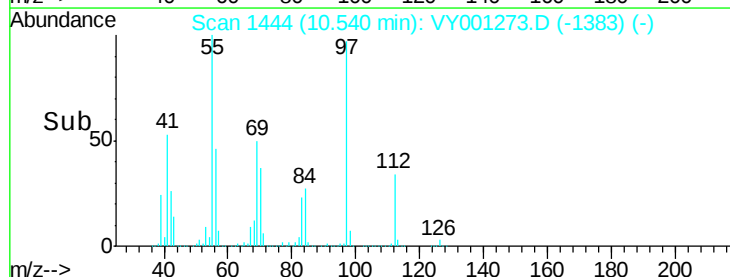
15000

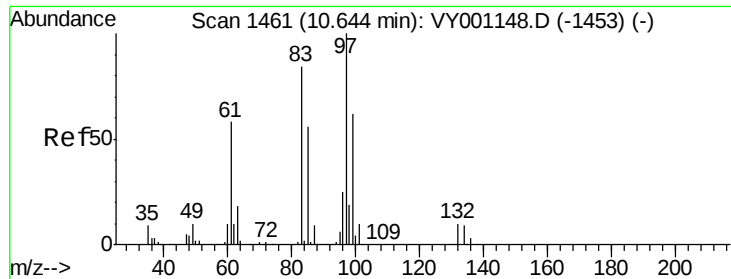
10000

5000

0

Time--> 10.50 10.60





#55

1,1,2-Trichloroethane

Concen: 1157.07 ug/l

RT: 10.64 min Scan# 1460

Delta R.T. -0.01 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

SS-1

Tgt Ion: 97 Resp: 1705439

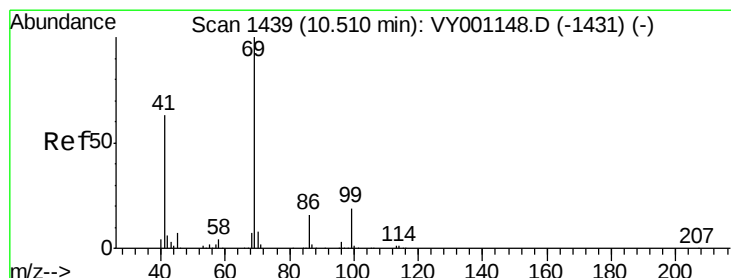
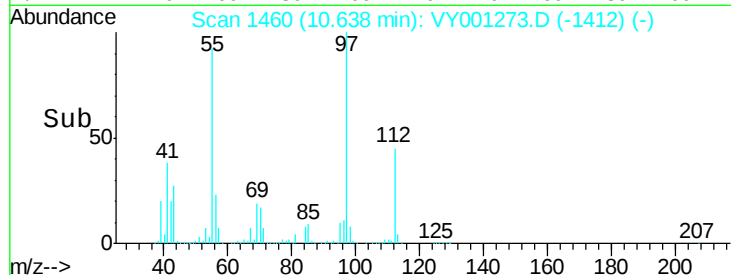
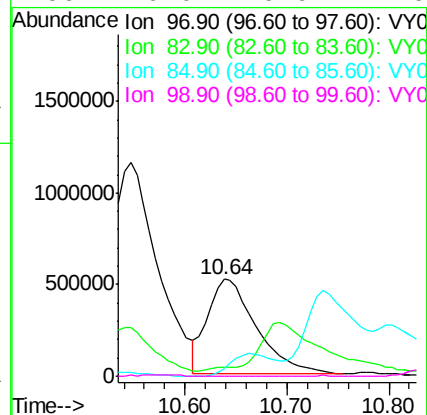
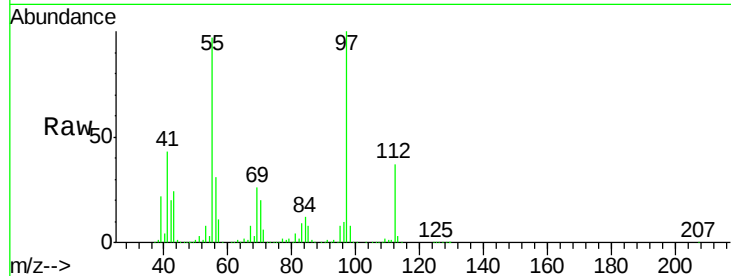
Ion Ratio Lower Upper

97 100

83 3.7 67.2 100.8#

85 7.5 44.9 67.3#

99 0.0 49.9 74.9#



#56

Ethyl methacrylate

Concen: 1220.29 ug/l

RT: 10.54 min Scan# 1444

Delta R.T. 0.03 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

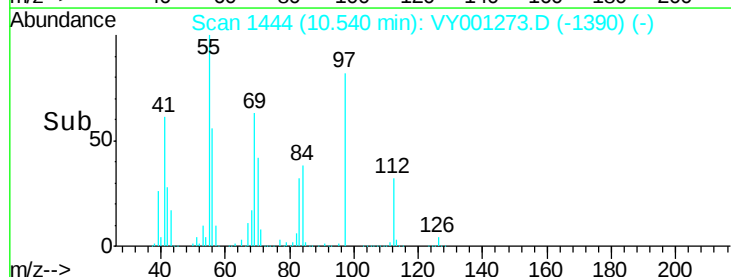
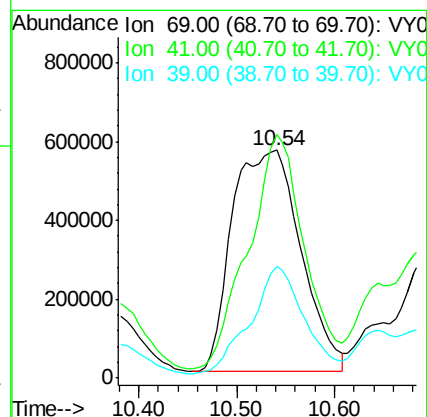
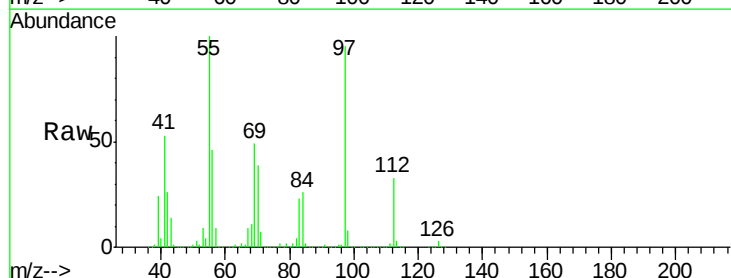
Tgt Ion: 69 Resp: 2751295

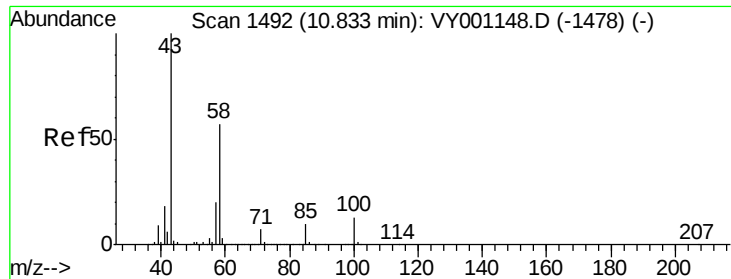
Ion Ratio Lower Upper

69 100

41 85.6 51.4 77.2#

39 37.8 26.3 39.5

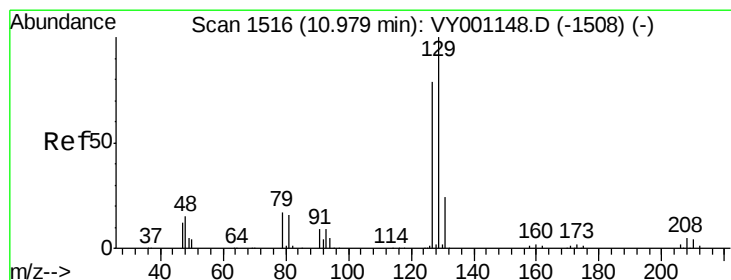
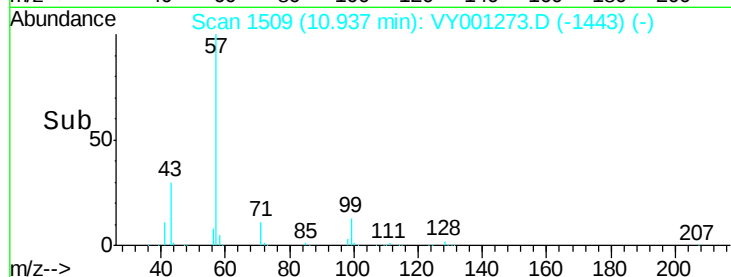
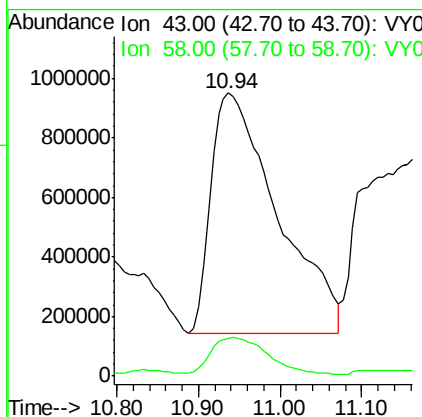
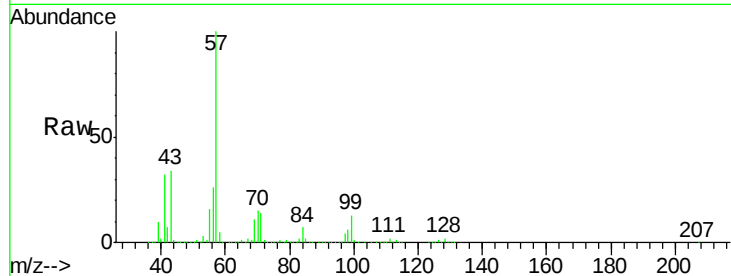




#59
2-Hexanone
Concen: 4536.86 ug/l
RT: 10.94 min Scan# 1509
Delta R.T. 0.10 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

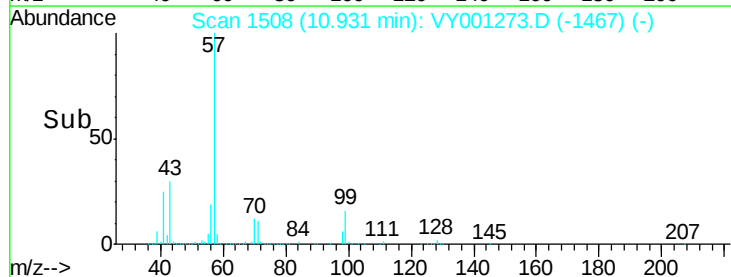
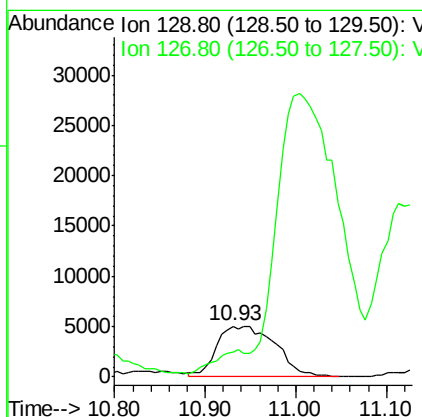
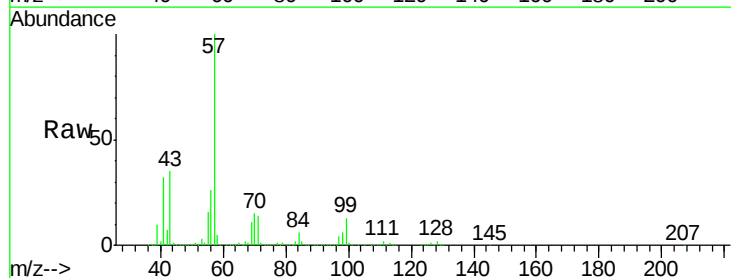
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

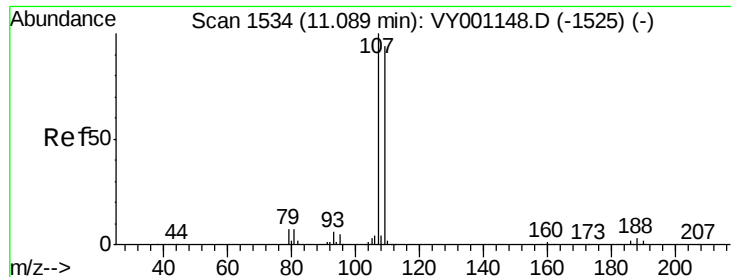
Tgt Ion: 43 Resp: 4571669
Ion Ratio Lower Upper
43 100
58 13.2 28.4 85.2#



#60
Dibromochloromethane
Concen: 13.42 ug/l
RT: 10.93 min Scan# 1508
Delta R.T. -0.05 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Tgt Ion: 129 Resp: 22769
Ion Ratio Lower Upper
129 100
127 22.1 38.9 116.7#





#61

1,2-Dibromoethane

Concen: 4.41 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

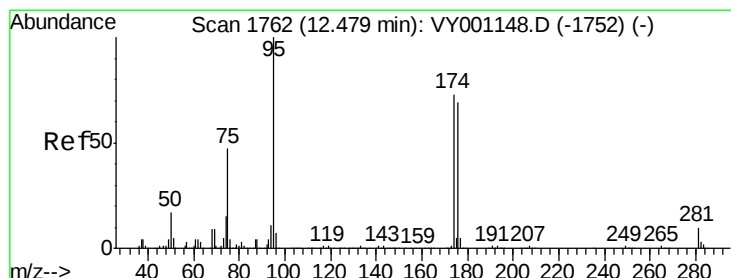
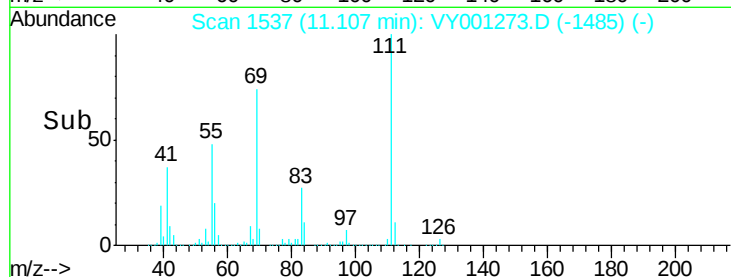
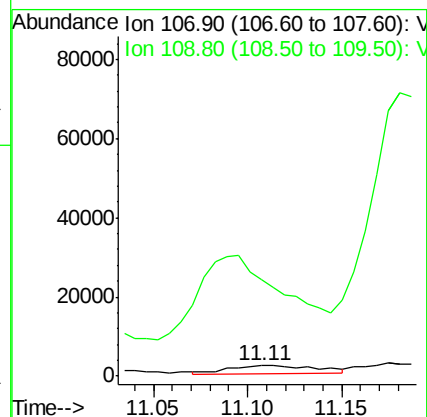
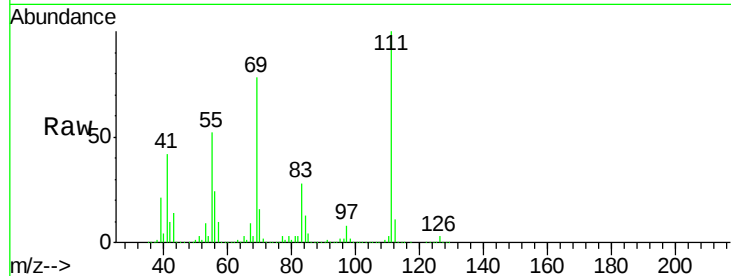
SS-1

Tgt Ion: 107 Resp: 6348

Ion Ratio Lower Upper

107 100

109 1054.8 75.4 113.0#



#62

4-Bromofluorobenzene

Concen: 2234.12 ug/l

RT: 12.46 min Scan# 1759

Delta R.T. -0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

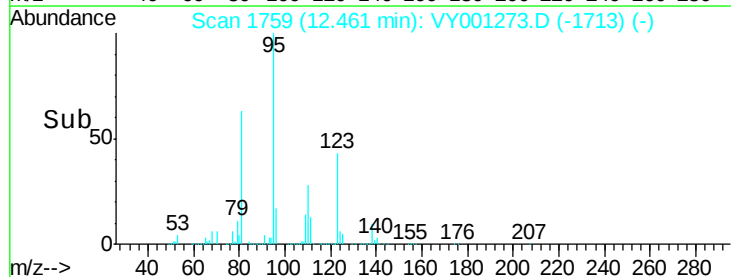
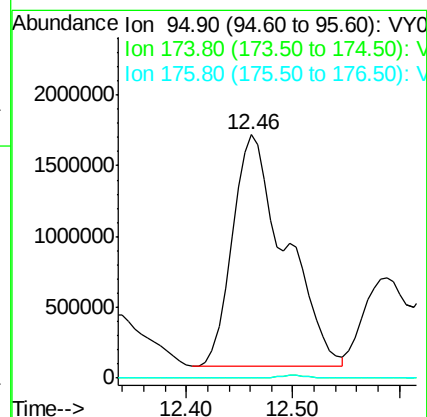
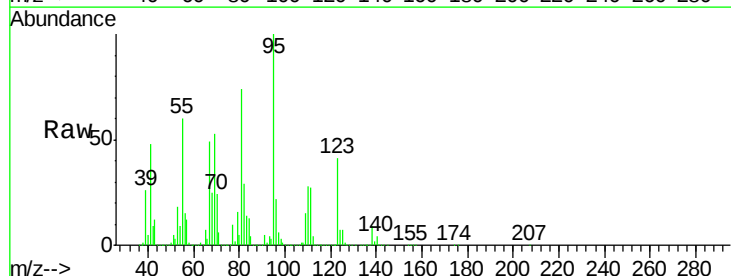
Tgt Ion: 95 Resp: 5708617

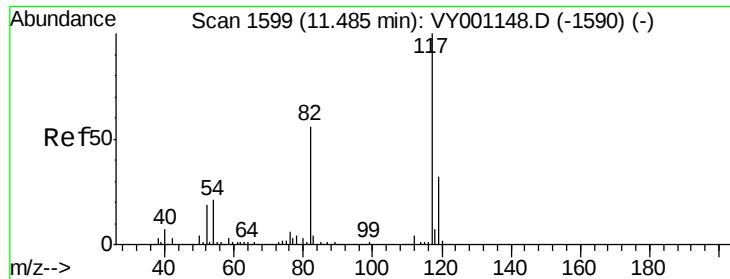
Ion Ratio Lower Upper

95 100

174 0.0 0.0 143.2

176 0.0 0.0 136.0

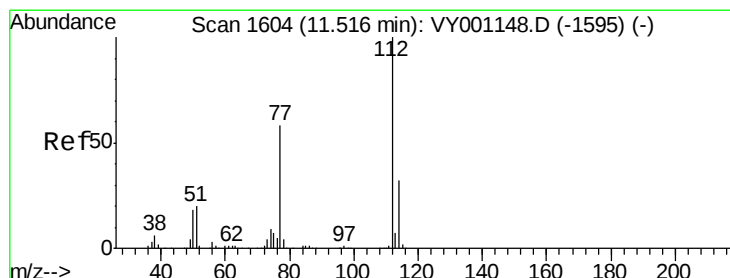
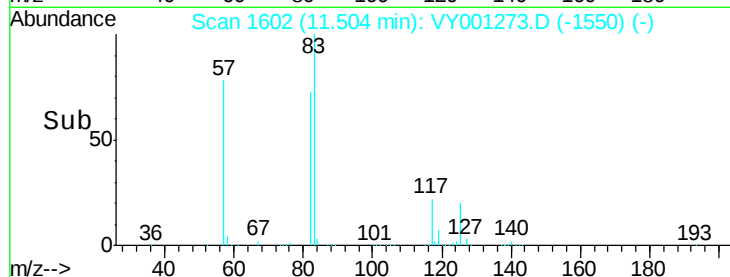
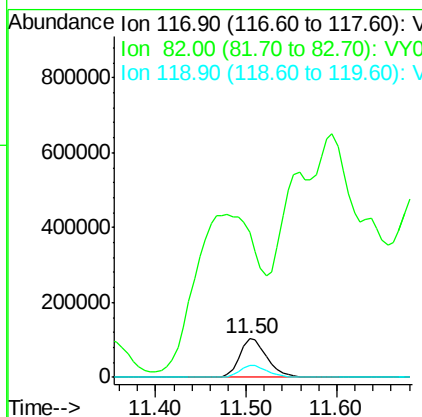
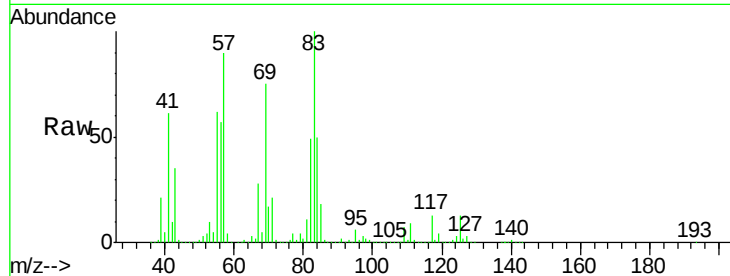




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

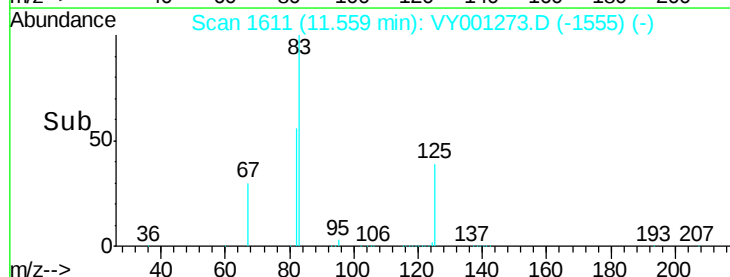
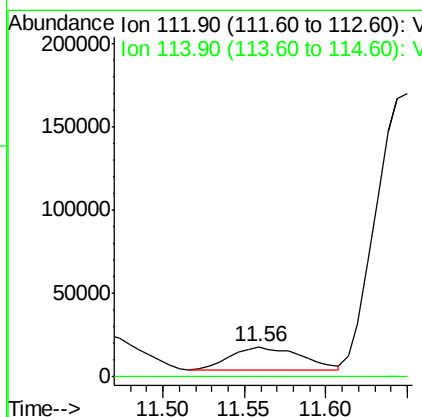
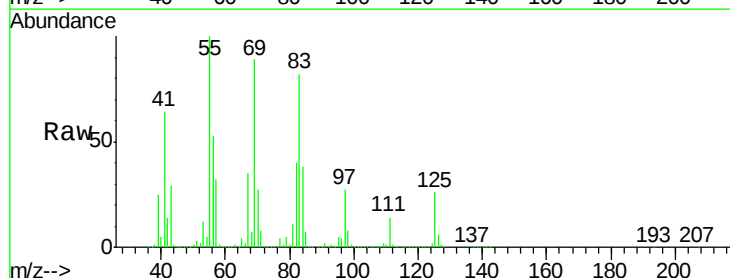
Instrument :
MSVOA_Y
ClientSampled :
SS-1

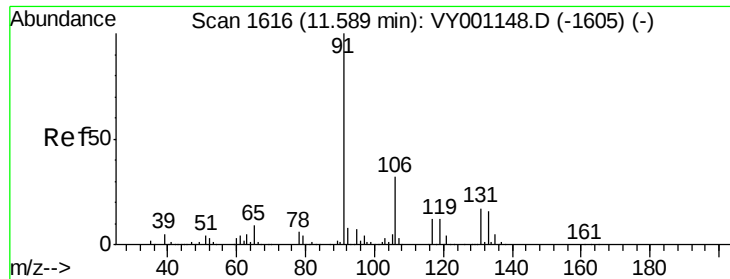
Tgt Ion:117 Resp: 214684
Ion Ratio Lower Upper
117 100
82 181.1 44.9 67.3#
119 30.8 25.7 38.5



#65
Chlorobenzene
Concen: 9.40 ug/l
RT: 11.56 min Scan# 1611
Delta R.T. 0.04 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Tgt Ion:112 Resp: 40315
Ion Ratio Lower Upper
112 100
114 0.0 25.9 38.9#

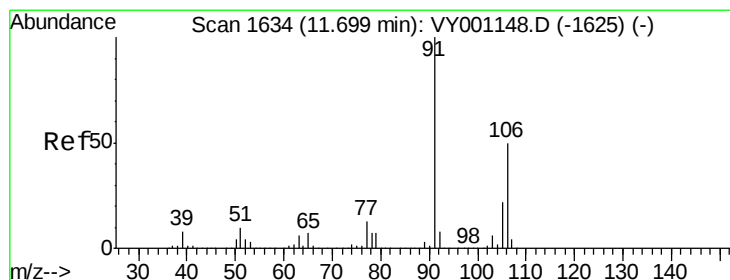
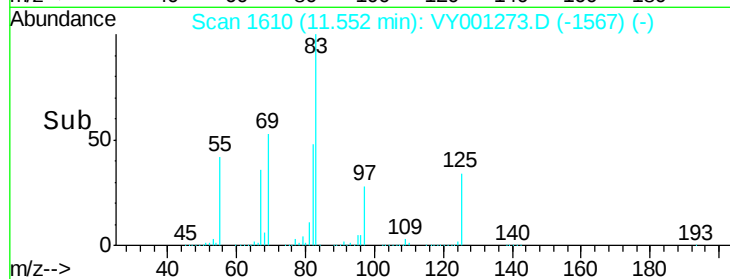
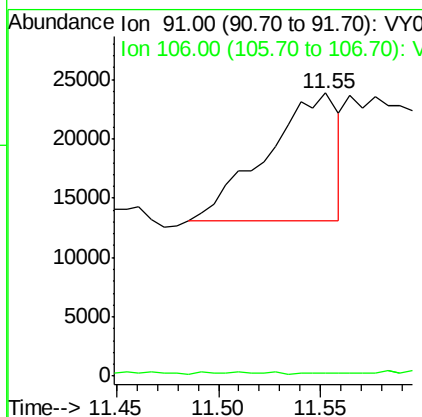
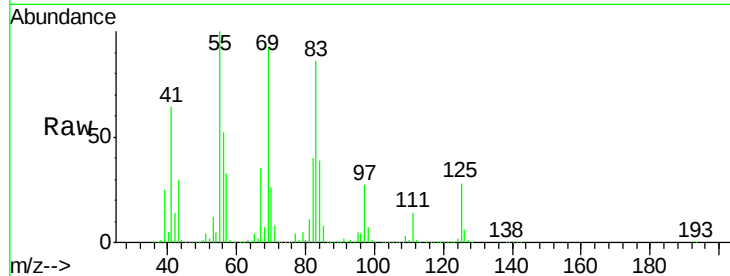




#67
Ethyl Benzene
Concen: 3.33 ug/l
RT: 11.55 min Scan# 1610
Delta R.T. -0.04 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

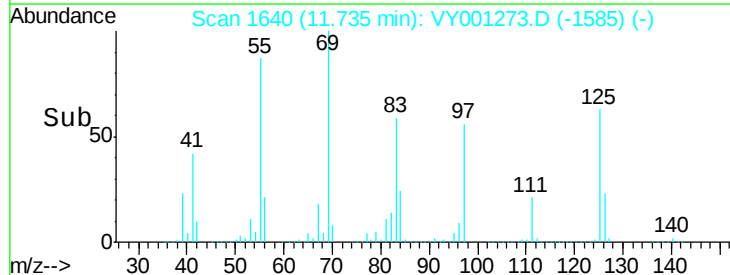
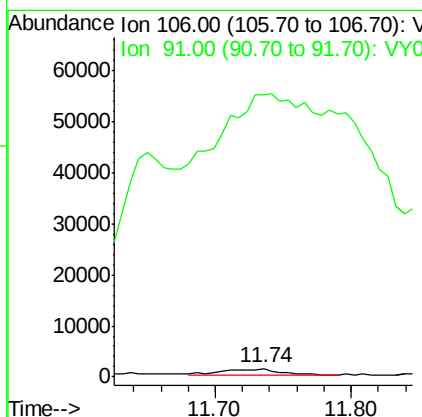
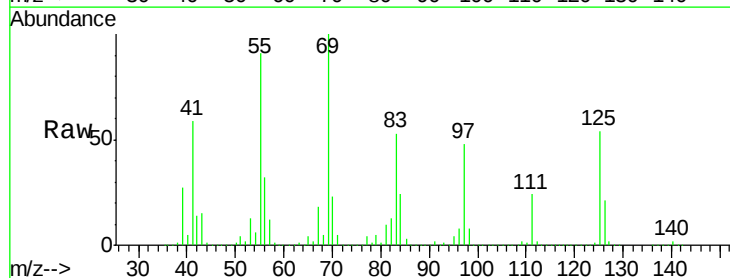
Instrument :
MSVOA_Y
ClientSampled :
SS-1

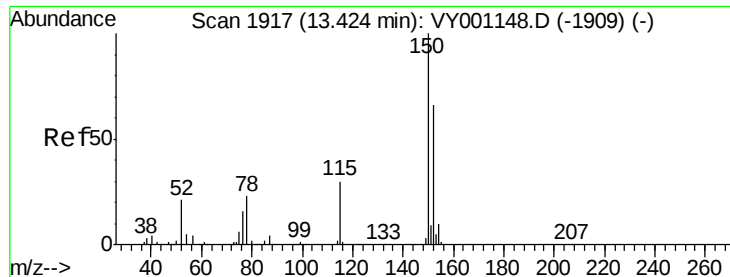
Tgt Ion: 91 Resp: 26123
Ion Ratio Lower Upper
91 100
106 1.2 25.3 37.9#



#68
m/p-Xylenes
Concen: 1.22 ug/l
RT: 11.74 min Scan# 1640
Delta R.T. 0.04 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Tgt Ion: 106 Resp: 3606
Ion Ratio Lower Upper
106 100
91 0.0 161.4 242.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.55 min Scan# 1937

Delta R.T. 0.12 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

SS-1

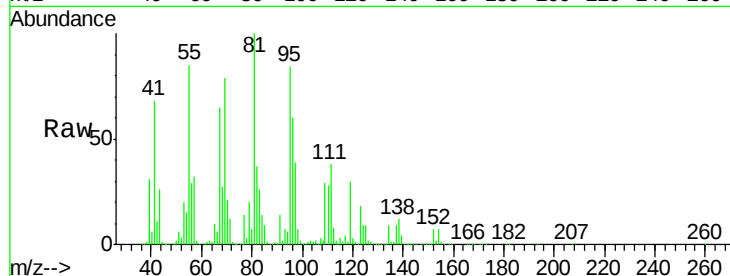
Tgt Ion:152 Resp: 91516

Ion Ratio Lower Upper

152 100

115 59.9 30.9 92.5

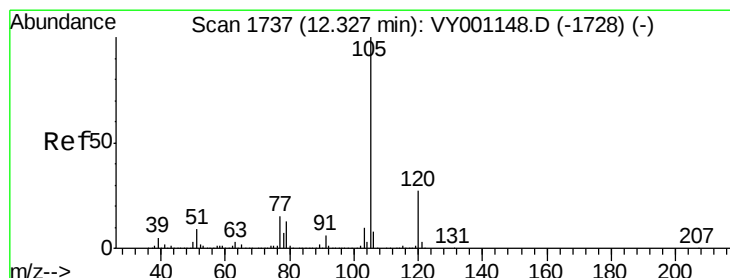
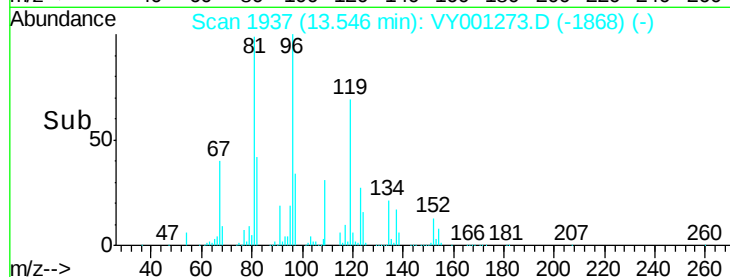
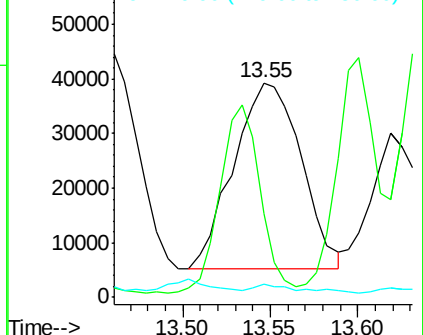
150 2.7 0.0 346.8



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: 8.89 ug/l

RT: 12.36 min Scan# 1742

Delta R.T. 0.03 min

Lab File: VY001273.D

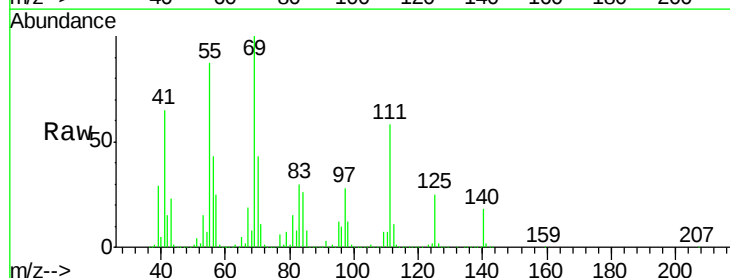
Acq: 17 Jan 2020 18:17

Tgt Ion:105 Resp: 61163

Ion Ratio Lower Upper

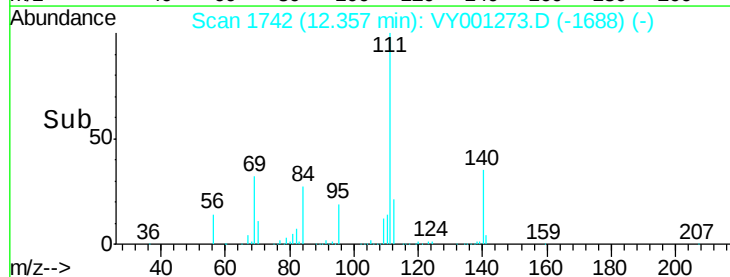
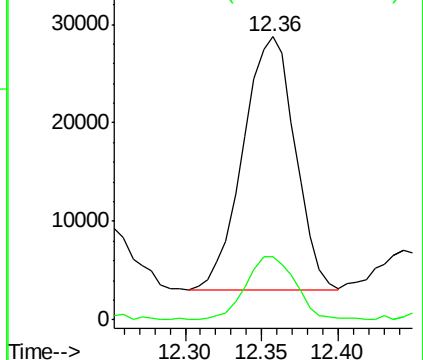
105 100

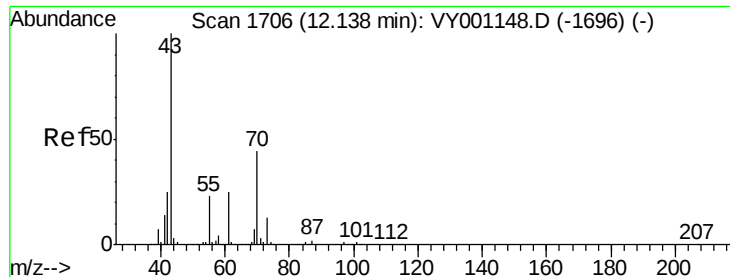
120 24.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 803.42 ug/l

RT: 12.05 min Scan# 1691

Delta R.T. -0.09 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

SS-1

Tgt Ion: 43 Resp: 1725031

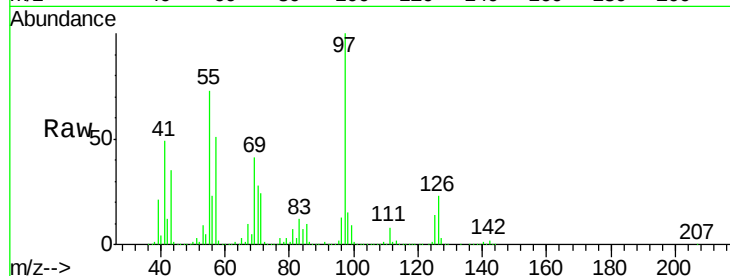
Ion Ratio Lower Upper

43 100

70 125.9 35.0 52.6#

55 641.9 18.4 27.6#

61 0.3 20.1 30.1#

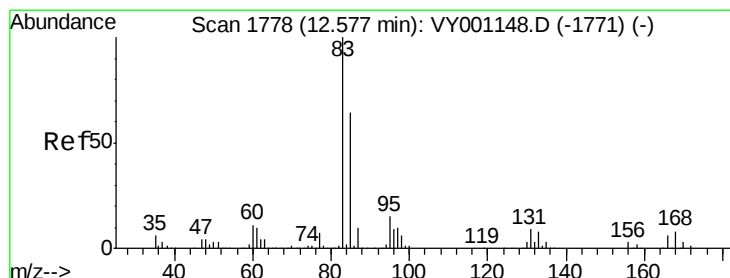
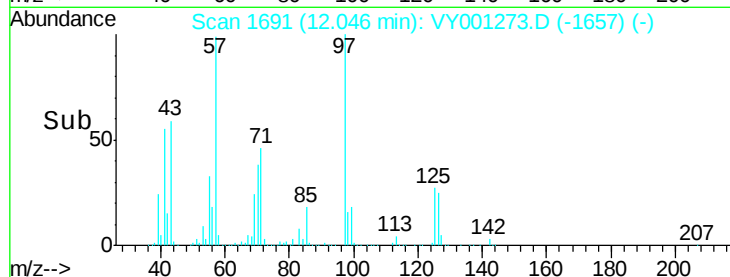
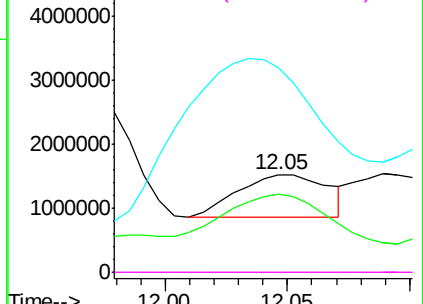


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 585.60 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

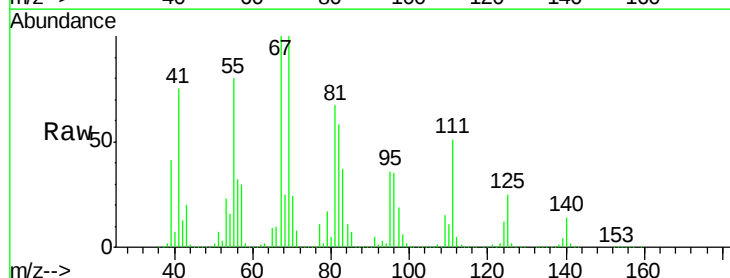
Tgt Ion: 83 Resp: 847645

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

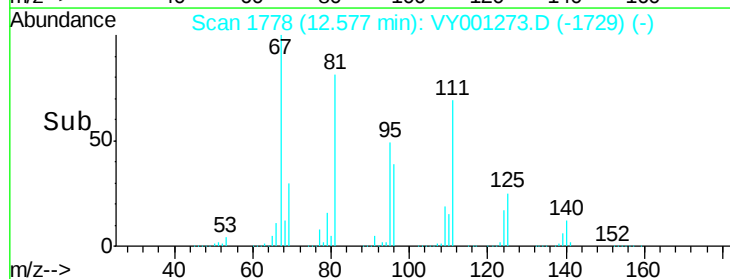
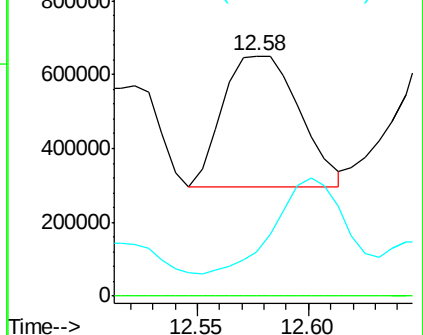
85 0.0 32.2 96.6#

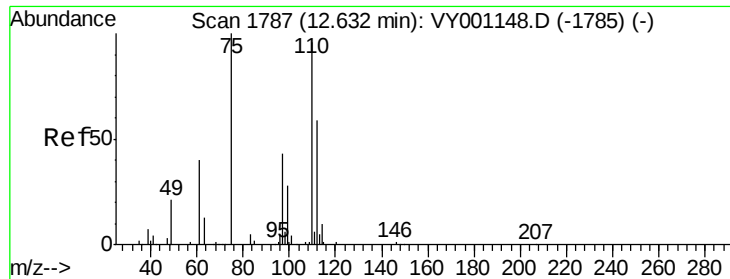


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 10.04 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.04 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

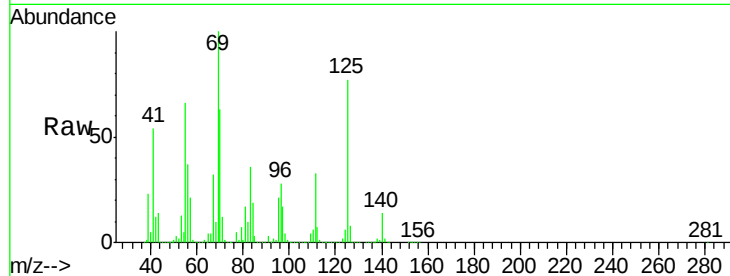
SS-1

Tgt Ion: 75 Resp: 9836

Ion Ratio Lower Upper

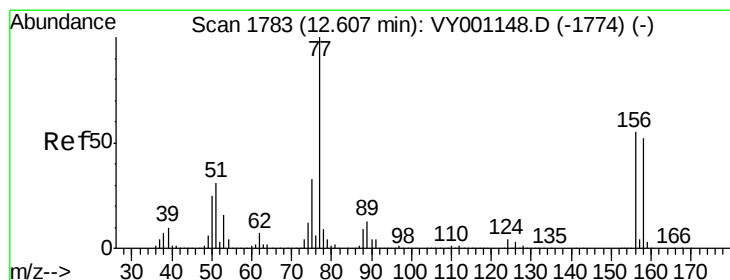
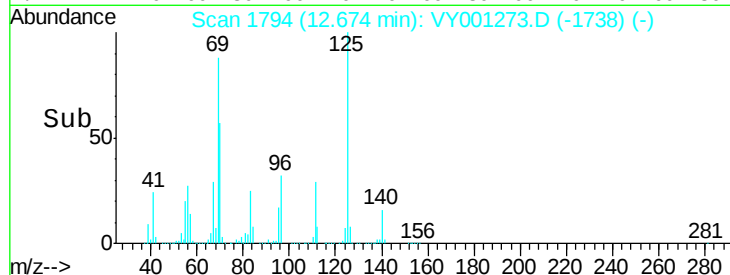
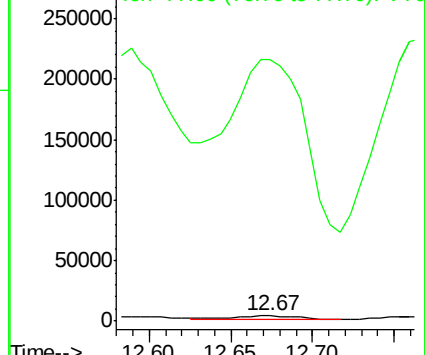
75 100

77 4391.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY001148.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY001148.D (-1785) (-)



#77

Bromobenzene

Concen: 8.68 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

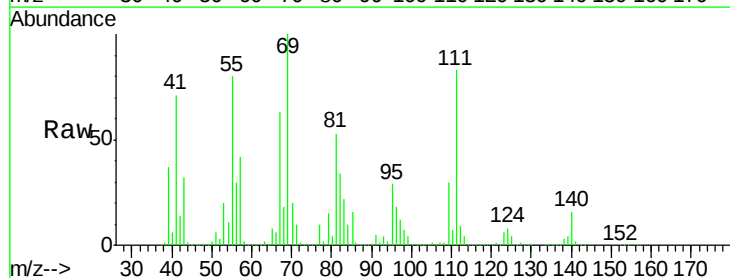
Tgt Ion: 156 Resp: 13201

Ion Ratio Lower Upper

156 100

77 3964.1 106.7 320.1#

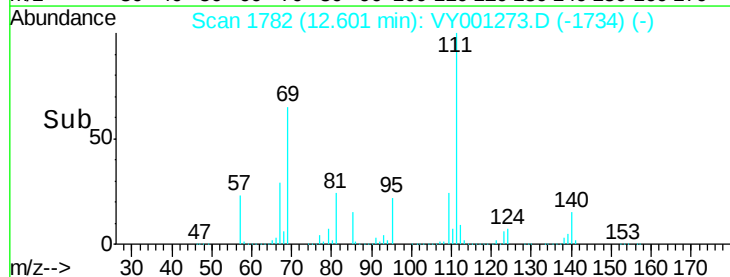
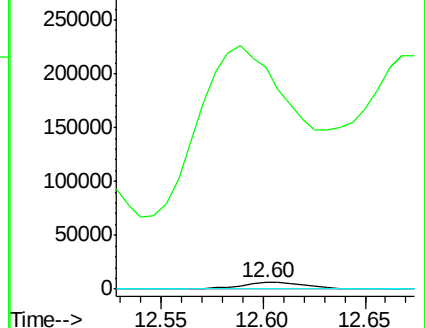
158 0.2 48.3 144.8#

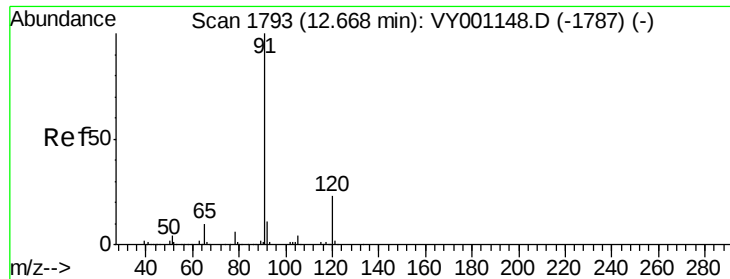


Abundance Ion 155.80 (155.50 to 156.50): VY001148.D (-1774) (-)

Ion 77.00 (76.70 to 77.70): VY001148.D (-1774) (-)

Ion 157.80 (157.50 to 158.50): VY001148.D (-1774) (-)





#78

n-propylbenzene

Concen: 31.19 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

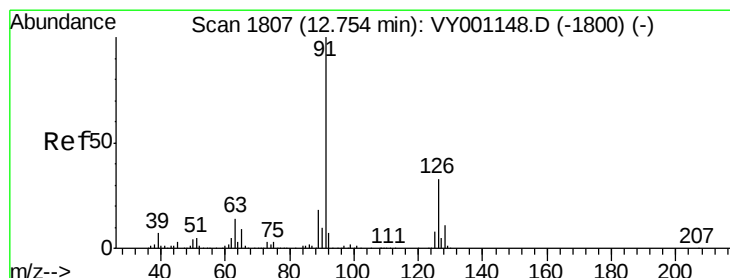
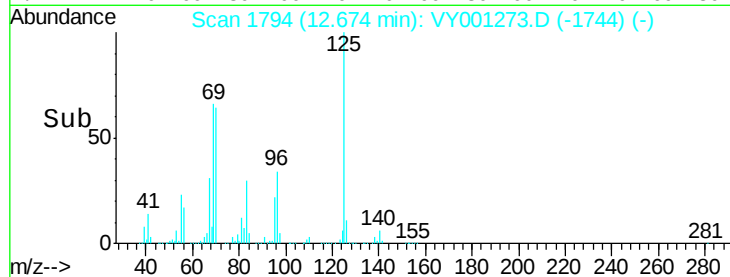
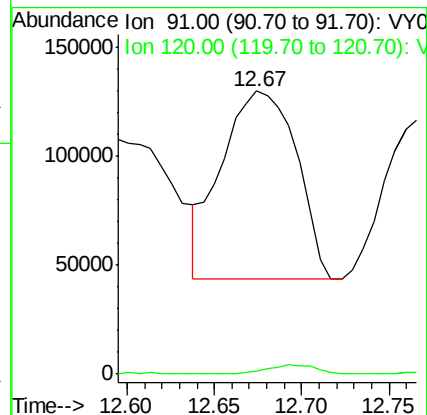
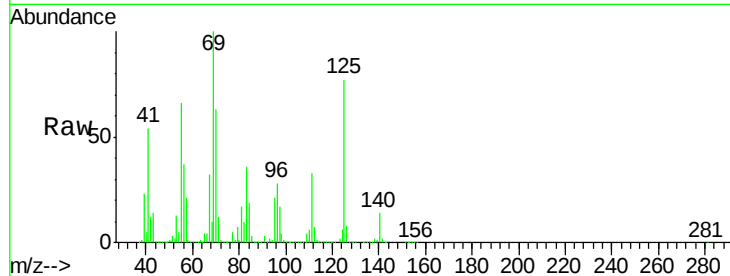
SS-1

Tgt Ion: 91 Resp: 258134

Ion Ratio Lower Upper

91 100

120 3.5 11.5 34.4#



#79

2-Chlorotoluene

Concen: 53.47 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.02 min

Lab File: VY001273.D

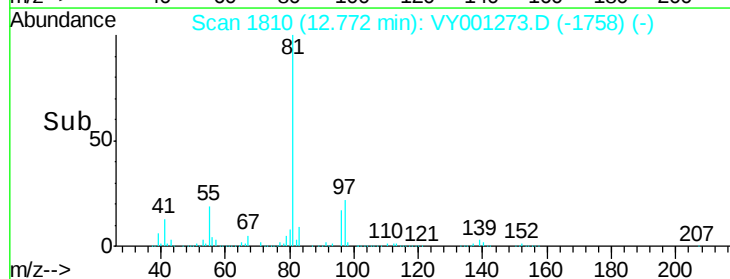
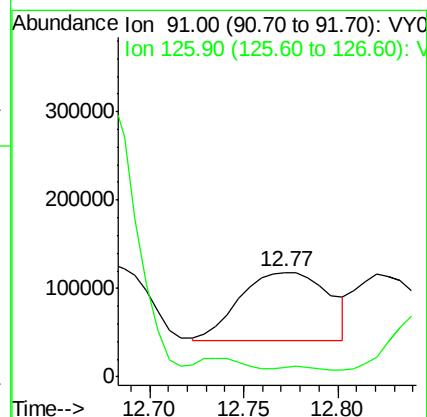
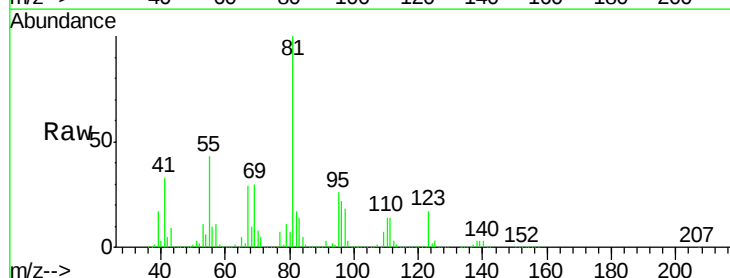
Acq: 17 Jan 2020 18:17

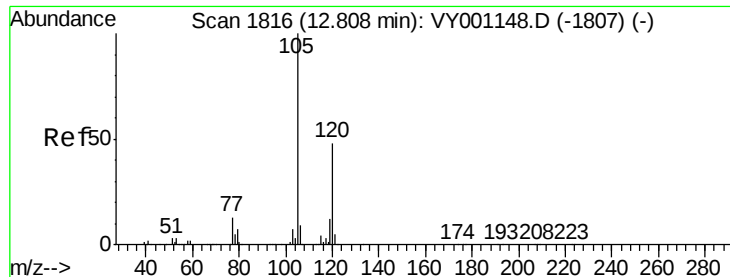
Tgt Ion: 91 Resp: 254111

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#

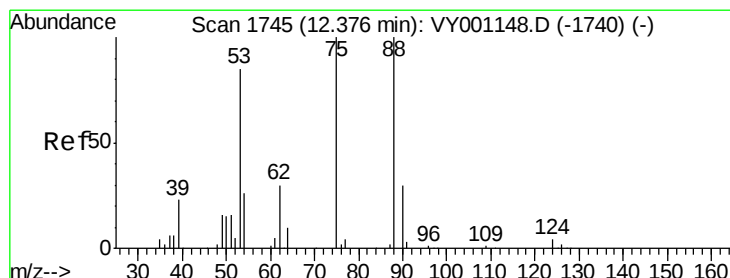
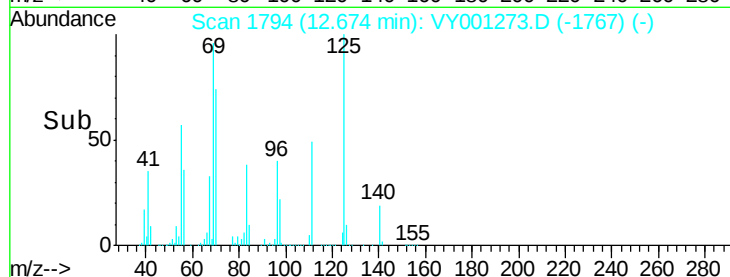
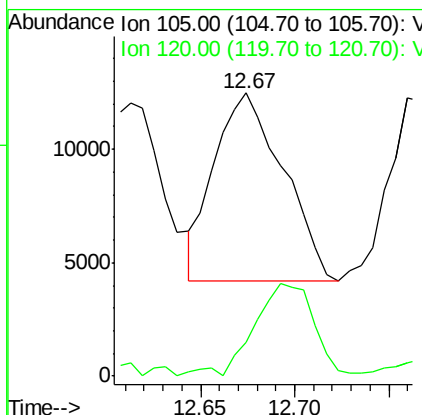
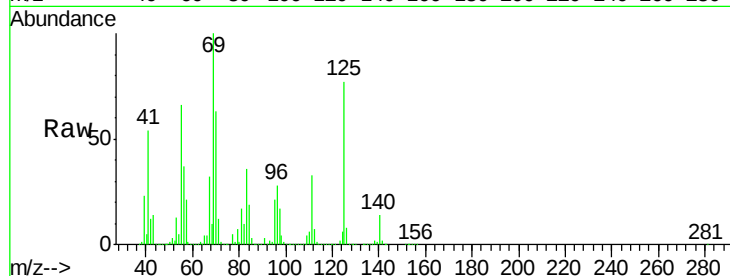




#80
 1,3,5-Trimethylbenzene
 Concen: 3.66 ug/l
 RT: 12.67 min Scan# 1794
 Delta R.T. -0.13 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

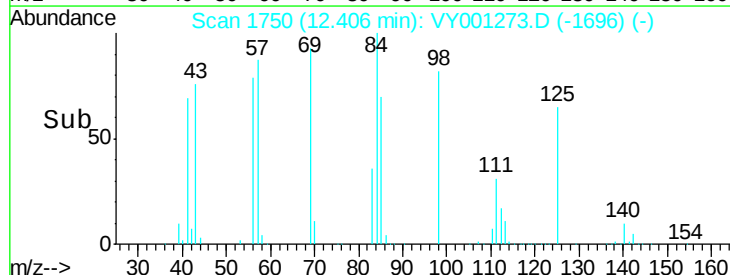
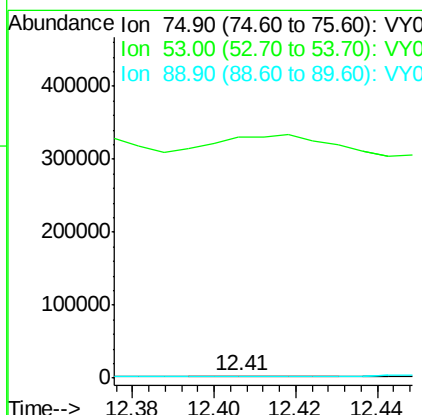
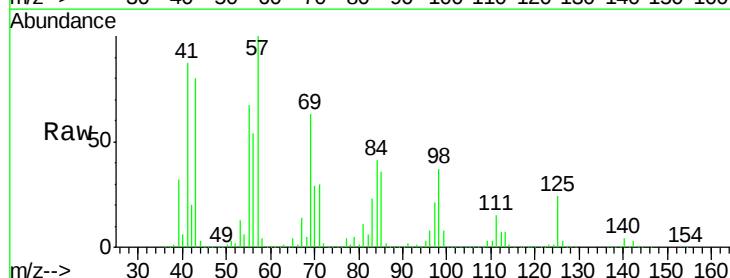
Instrument :
 MSVOA_Y
 ClientSampled :
 SS-1

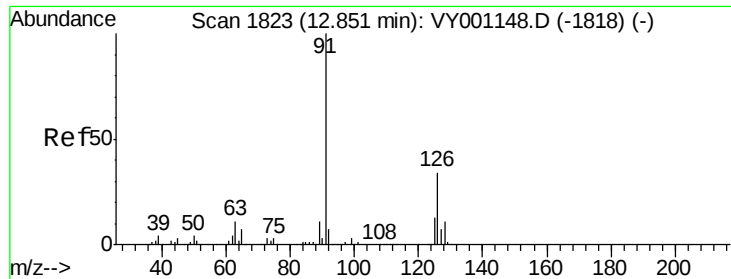
Tgt Ion: 105 Resp: 20991
 Ion Ratio Lower Upper
 105 100
 120 43.0 24.2 72.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.21 ug/l
 RT: 12.41 min Scan# 1750
 Delta R.T. 0.03 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

Tgt Ion: 75 Resp: 1276
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 35.25 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.03 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

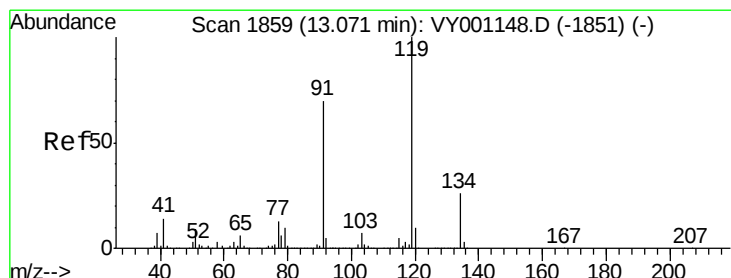
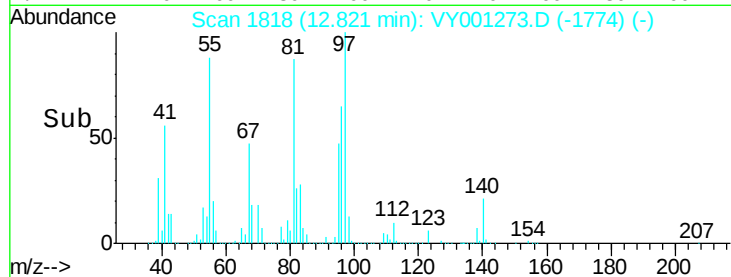
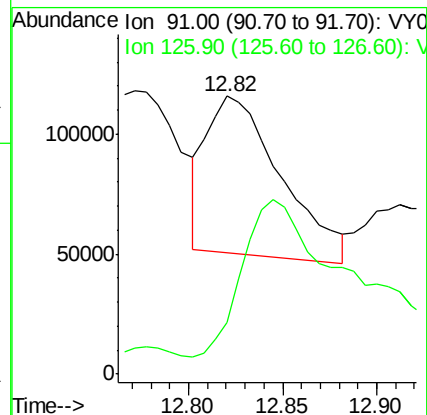
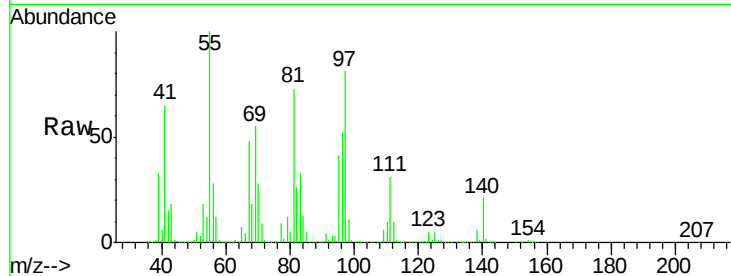
SS-1

Tgt Ion: 91 Resp: 178829

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#83

tert-Butylbenzene

Concen: 108.33 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

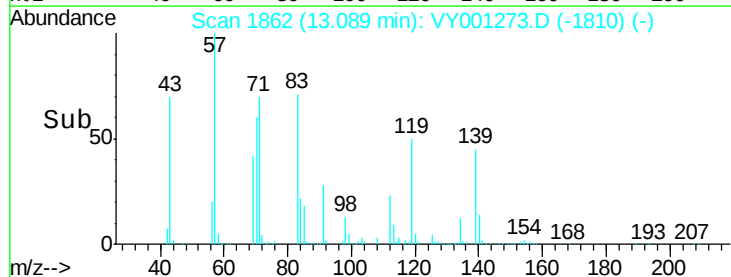
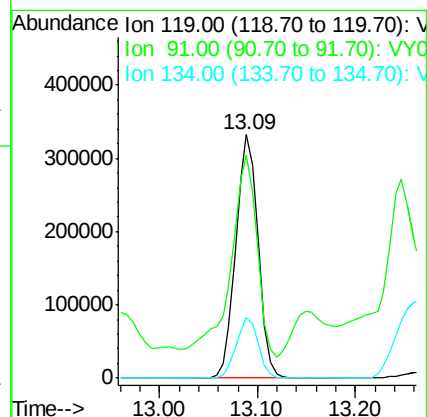
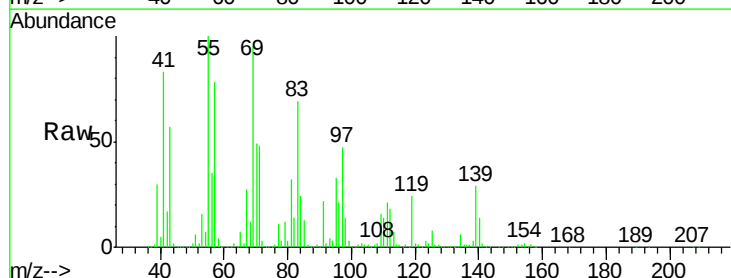
Tgt Ion: 119 Resp: 522527

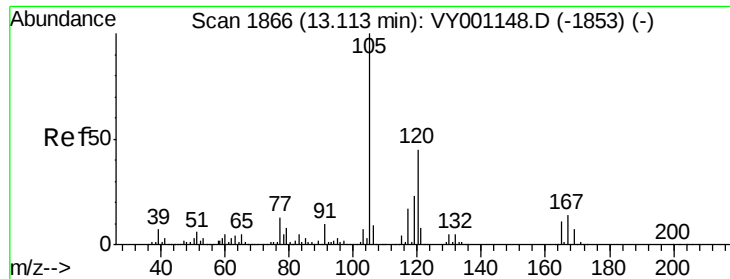
Ion Ratio Lower Upper

119 100

91 99.1 33.9 101.7

134 24.5 13.5 40.4

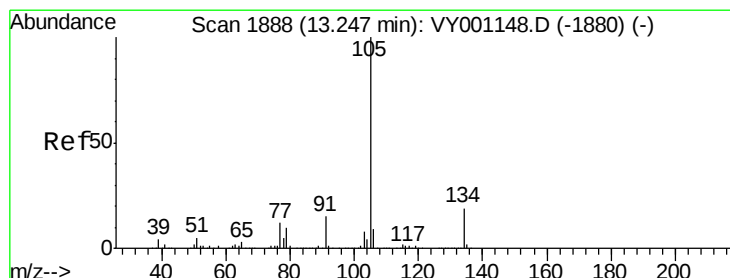
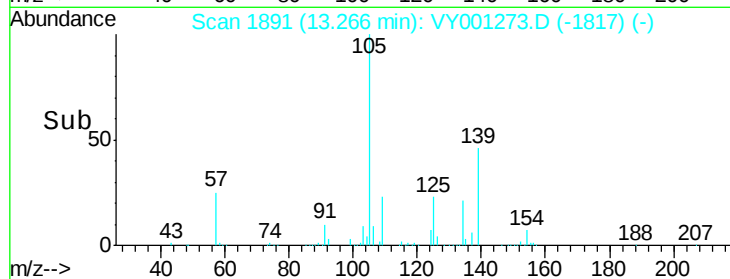
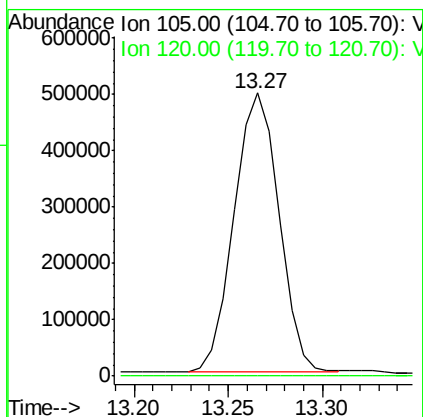
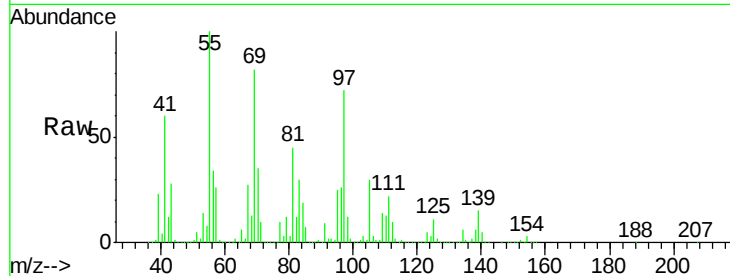




#84
 1,2,4-Trimethylbenzene
 Concen: 143.59 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.15 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

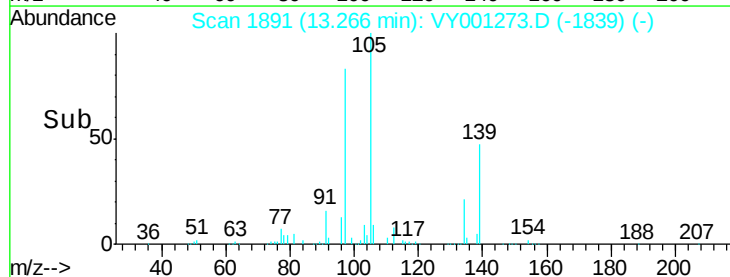
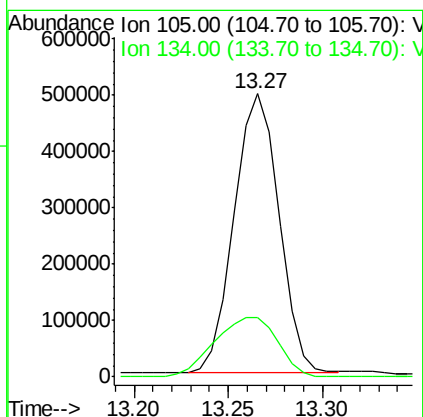
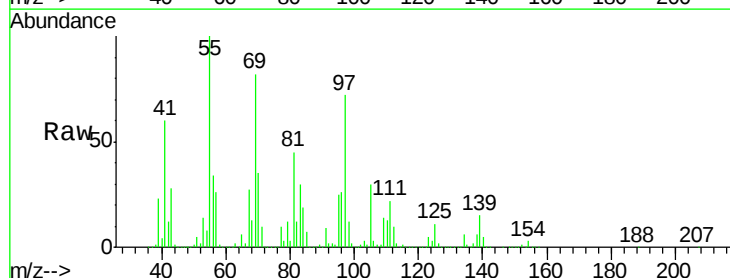
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

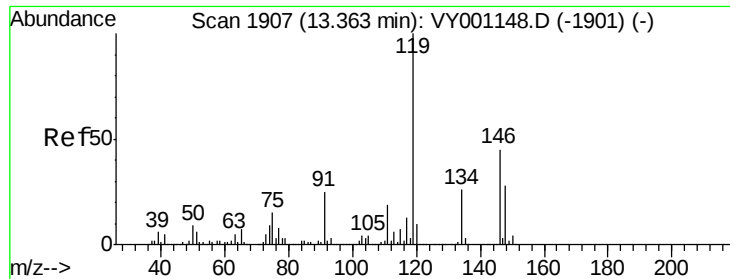
Tgt Ion:105 Resp: 818571
 Ion Ratio Lower Upper
 105 100
 120 0.3 22.8 68.3#



#85
 sec-Butylbenzene
 Concen: 117.96 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.02 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

Tgt Ion:105 Resp: 818571
 Ion Ratio Lower Upper
 105 100
 134 30.2 9.8 29.5#

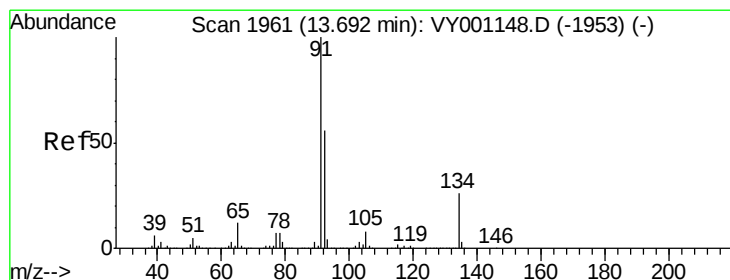
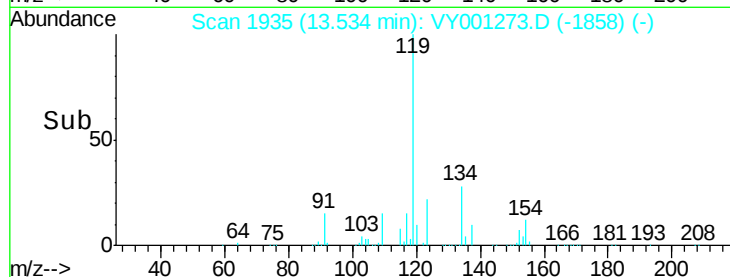
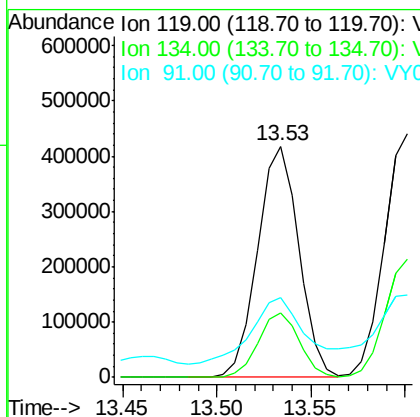
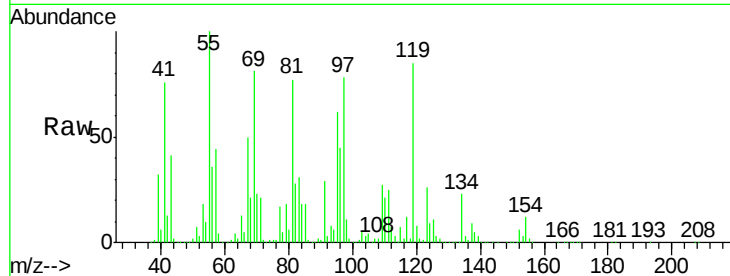




#86
p-Isopropyltoluene
Concen: 104.91 ug/l
RT: 13.53 min Scan# 1935
Delta R.T. 0.17 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

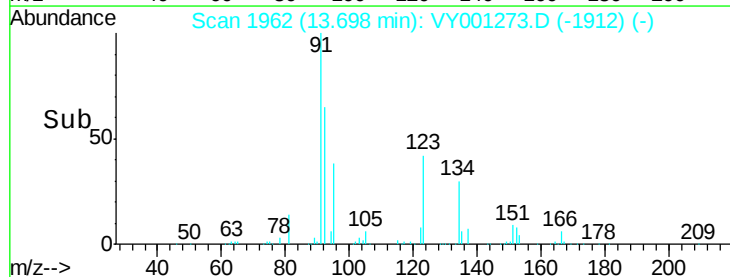
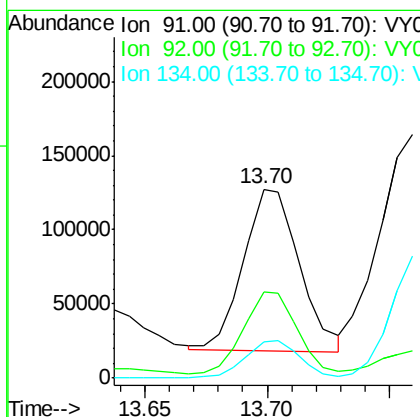
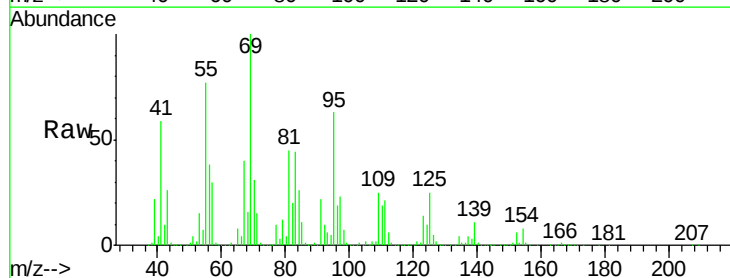
Instrument :
MSVOA_Y
ClientSampled :
SS-1

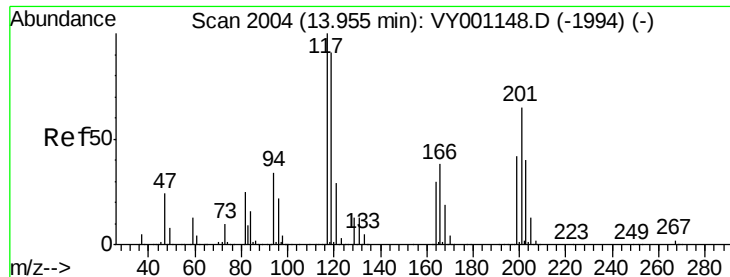
Tgt Ion: 119 Resp: 632058
Ion Ratio Lower Upper
119 100
134 27.9 13.4 40.2
91 37.5 12.4 37.2#



#89
n-Butylbenzene
Concen: 28.73 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Tgt Ion: 91 Resp: 174328
Ion Ratio Lower Upper
91 100
92 48.7 27.7 83.1
134 22.1 12.9 38.6





#90

Hexachloroethane

Concen: 35.90 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

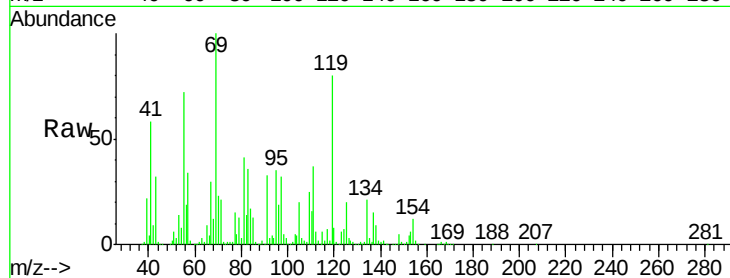
SS-1

Tgt Ion:117 Resp: 42261

Ion Ratio Lower Upper

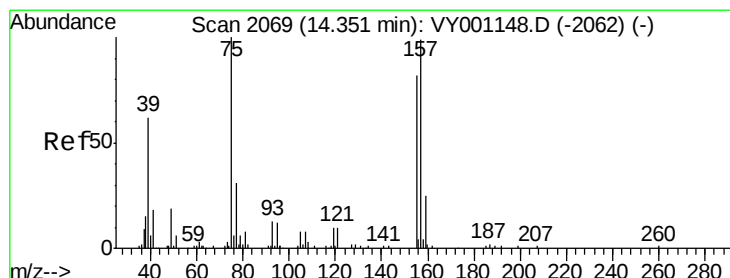
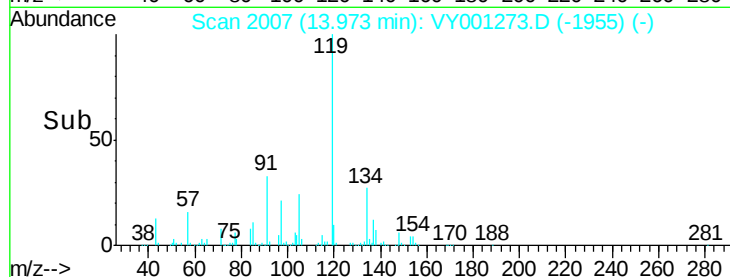
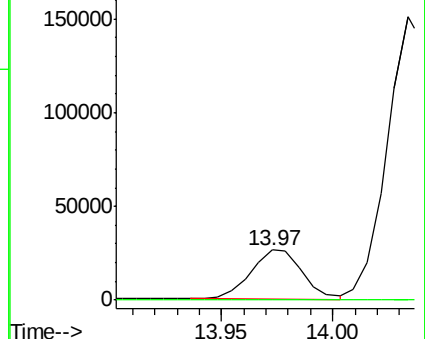
117 100

201 0.0 35.4 106.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.95 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

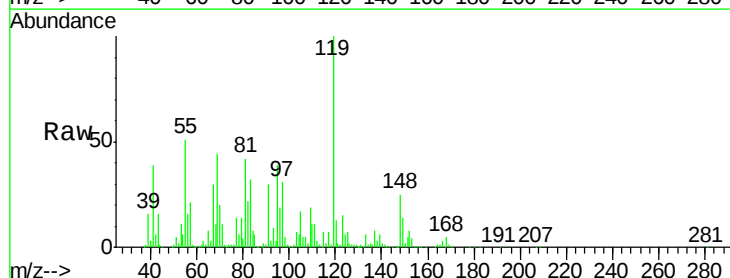
Tgt Ion: 75 Resp: 1292

Ion Ratio Lower Upper

75 100

155 0.0 41.2 123.6#

157 5.3 52.8 158.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

