

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002077.D
 Acq On : 25 Mar 2020 19:06
 Operator : SY/MD
 Sample : L2042-01
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 06:37:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	133800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	256039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105732	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	84435	59.11	ug/l	0.00
Spiked Amount						
			Recovery	=	118.22%	
35) Dibromofluoromethane	7.75	113	75867	54.26	ug/l	0.00
Spiked Amount						
			Recovery	=	108.52%	
50) Toluene-d8	10.20	98	315381	53.50	ug/l	0.00
Spiked Amount						
			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.50	95	107714	52.55	ug/l	0.00
Spiked Amount						
			Recovery	=	105.10%	

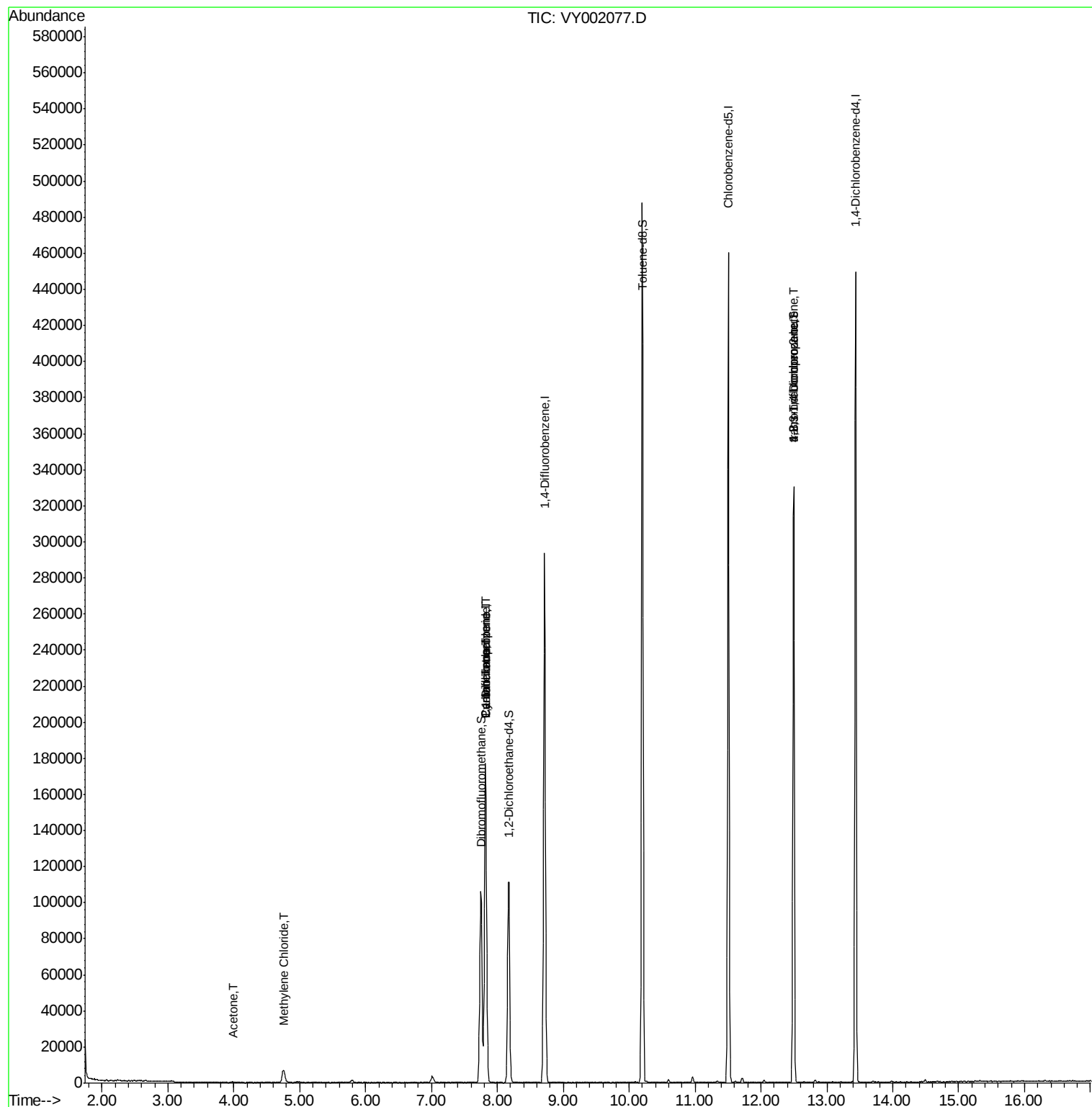
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.51	94	56	Below Cal	#	4
11) Tert butyl alcohol	5.00	59	715	Below Cal	#	74
16) Acetone	3.99	43	722	1.735	ug/l #	42
20) Methylene Chloride	4.75	84	5445	3.054	ug/l	94
31) Cyclohexane	7.82	56	3163	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	11608	4.711	ug/l #	51
38) Carbon Tetrachloride	7.82	117	13403	6.368	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.81	63	46	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.50	75	56576	45.096	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	56576	91.091	ug/l #	17

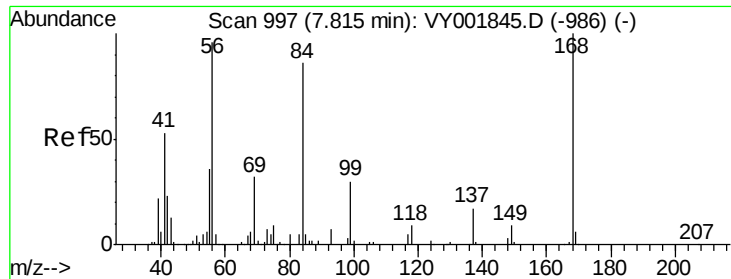
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Mar 26 06:37:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002077.D

Acq: 25 Mar 2020 19:06

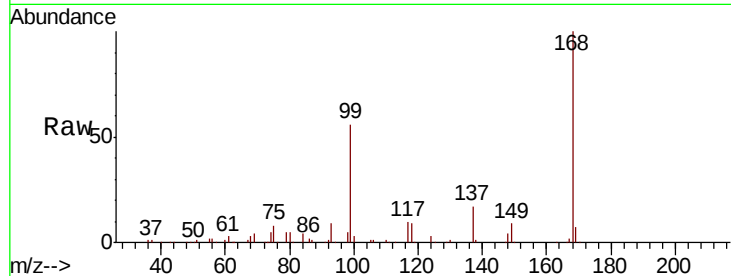
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 133800

Ion Ratio Lower Upper

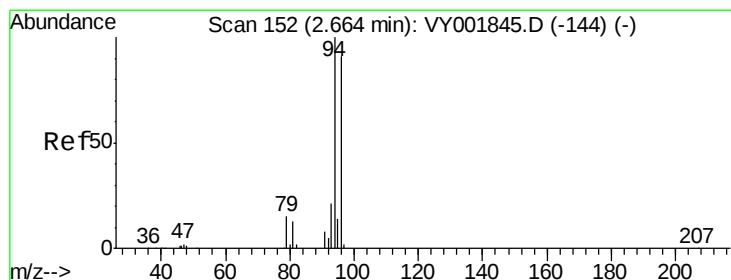
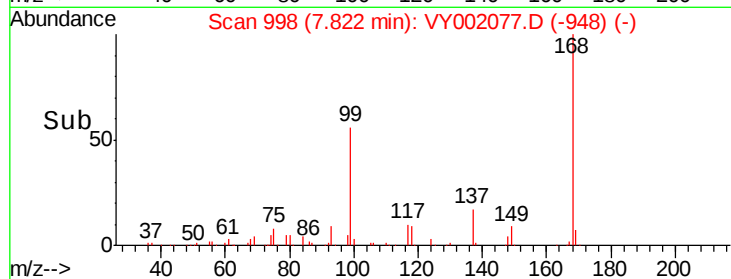
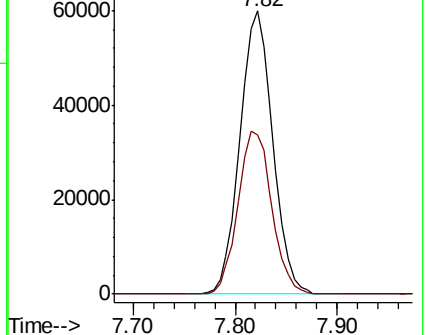
168 100

99 56.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.51 min Scan# 127

Delta R.T. -0.15 min

Lab File: VY002077.D

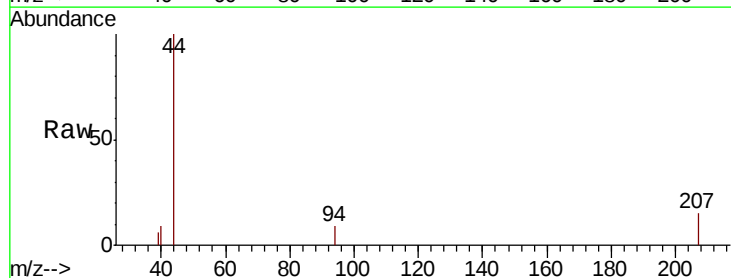
Acq: 25 Mar 2020 19:06

Tgt Ion: 94 Resp: 56

Ion Ratio Lower Upper

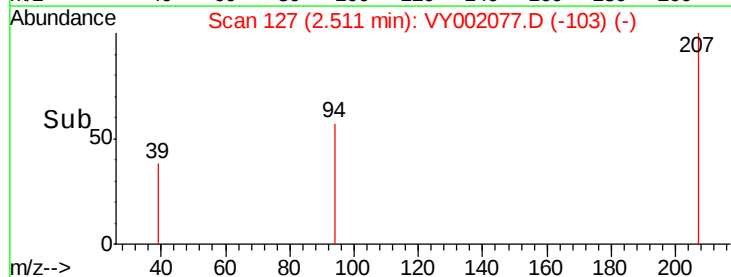
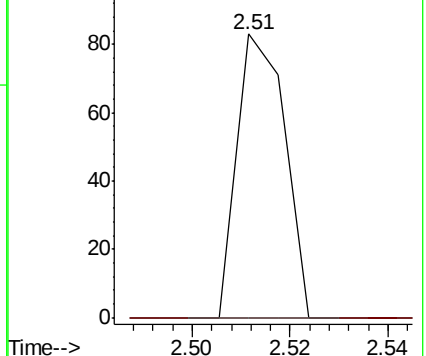
94 100

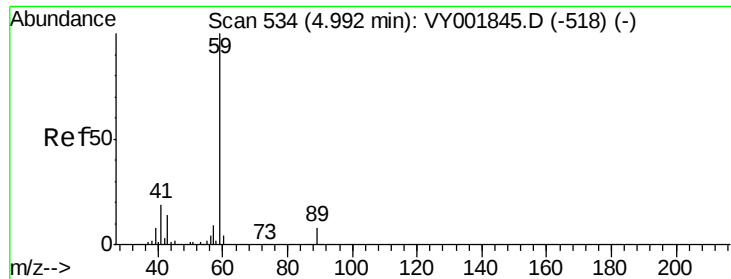
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)

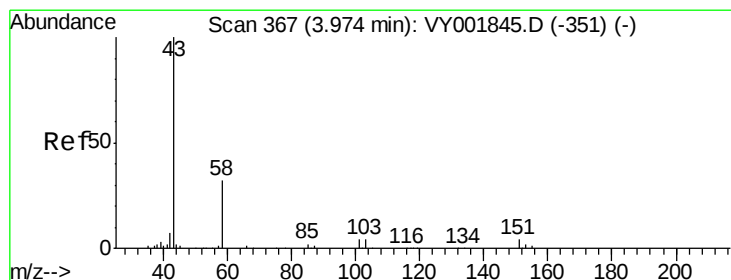
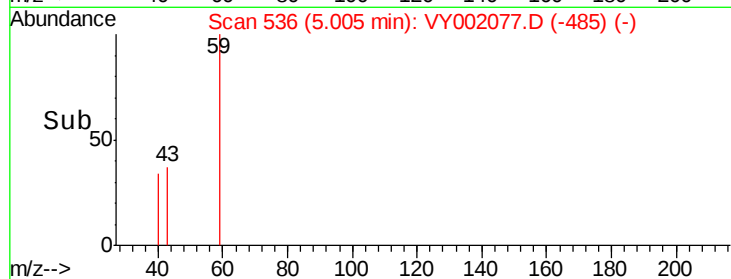
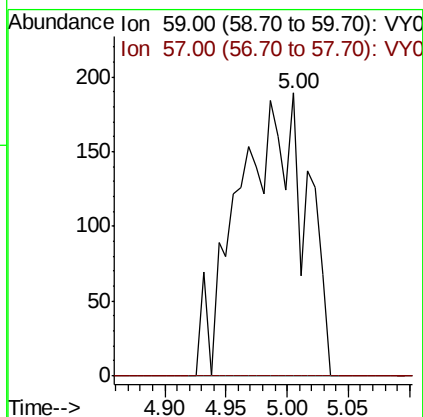
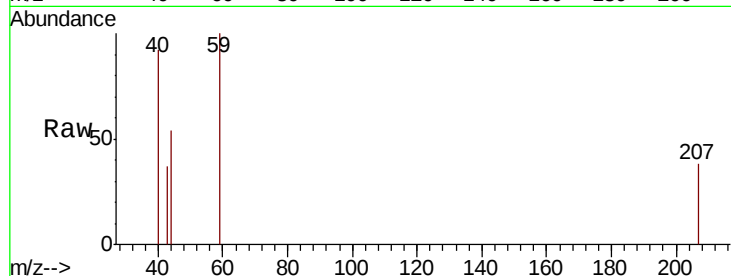




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

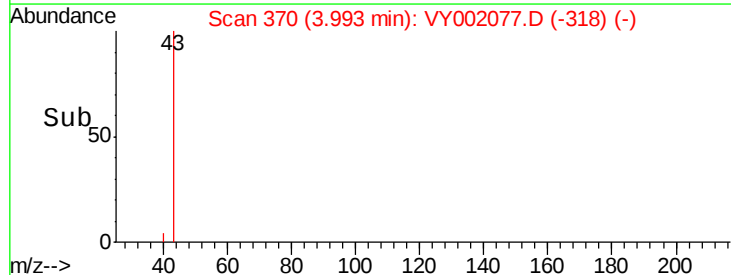
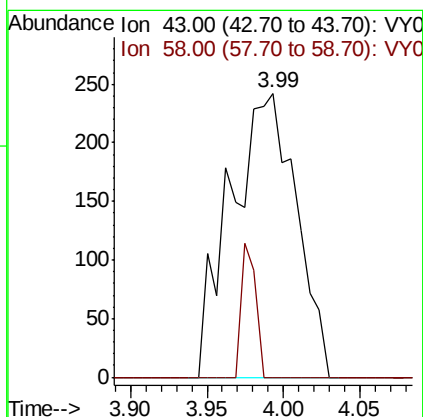
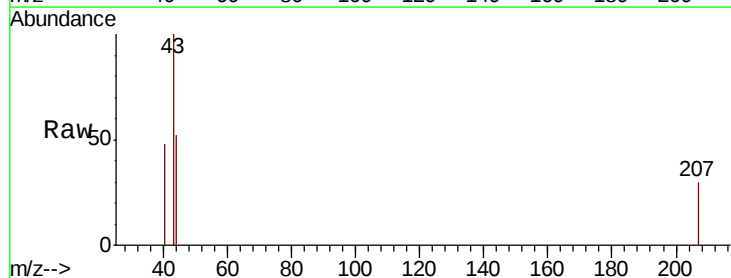
Instrument :
MSVOA_Y
ClientSampleId :

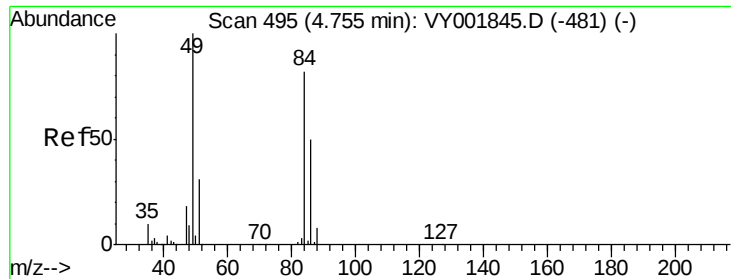
Tot Ion: 59 Resp: 715
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 1.735 ug/l
RT: 3.99 min Scan# 370
Delta R.T. 0.02 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Tgt Ion: 43 Resp: 722
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#

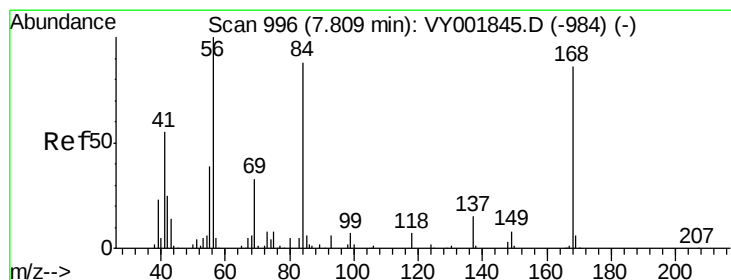
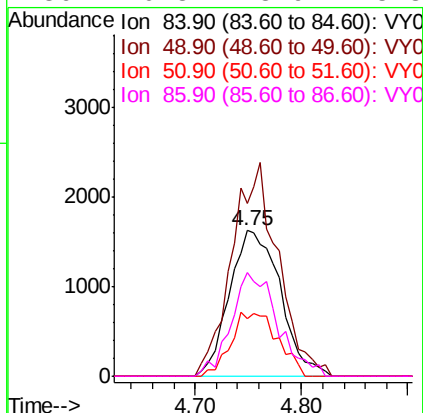
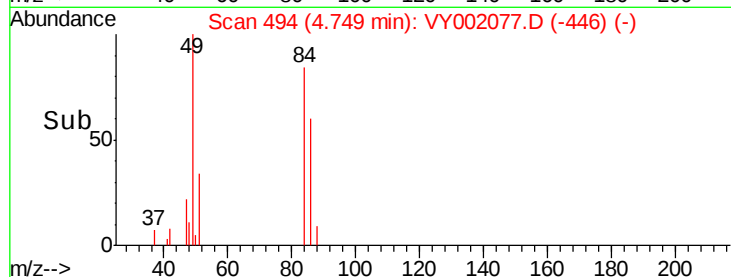
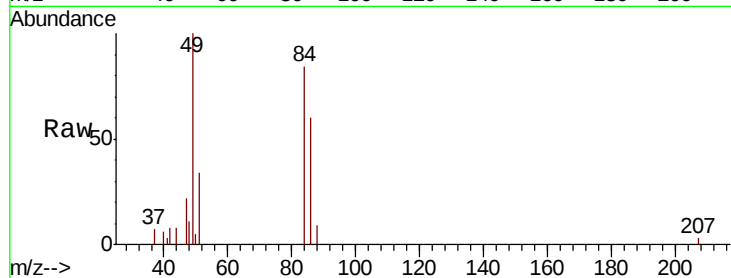




#20
Methvlene Chloride
Concen: 3.054 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

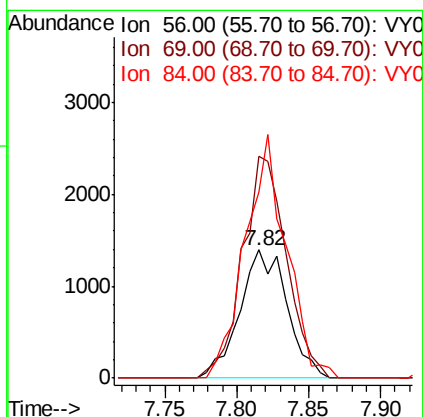
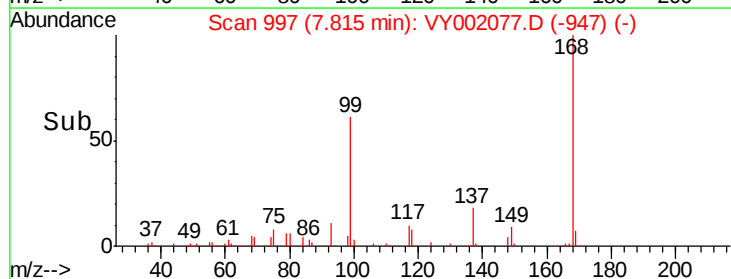
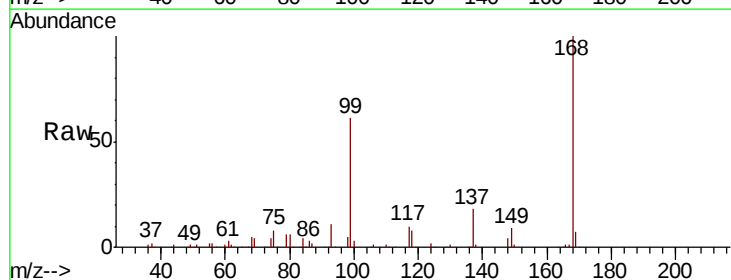
Instrument :
MSVOA_Y
ClientSampleId :

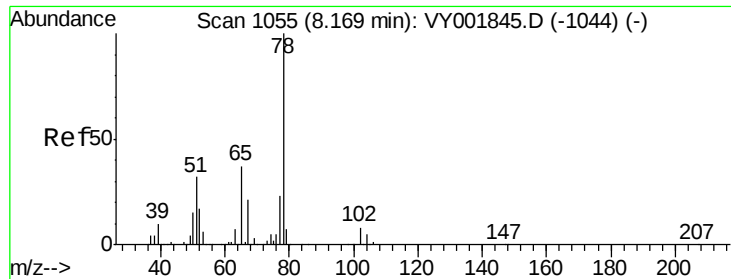
Tot Ion: 84 Resp: 5445
Ion Ratio Lower Upper
84 100
49 118.6 98.2 147.2
51 39.8 30.2 45.2
86 70.8 48.9 73.3



#31
Cyclohexane
Concen: 1.008 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Tgt Ion: 56 Resp: 3163
Ion Ratio Lower Upper
56 100
69 172.7 26.7 40.1#
84 145.2 70.4 105.6#

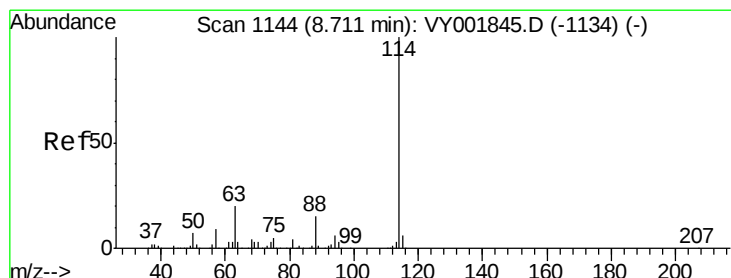
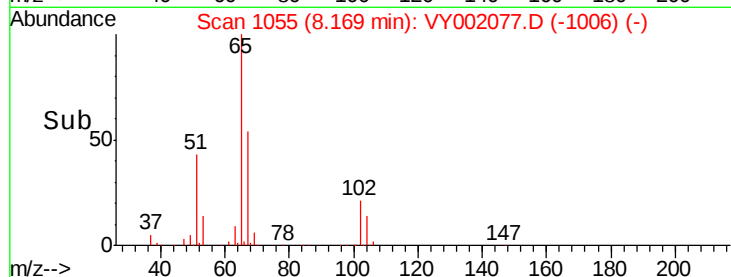
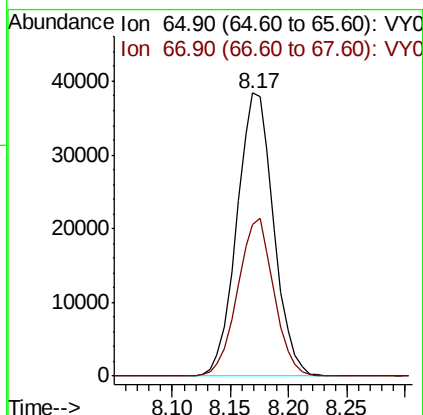
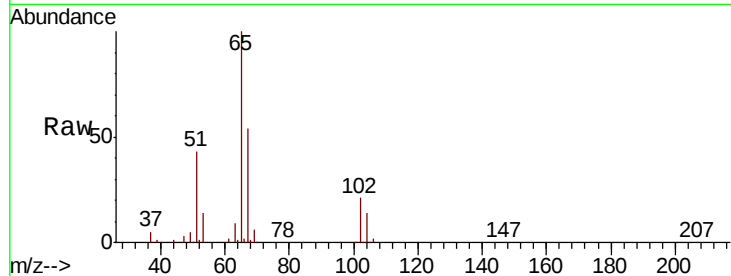




#33
 1,2-Dichloroethane-d4
 Concen: 59.111 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002077.D
 Acq: 25 Mar 2020 19:06

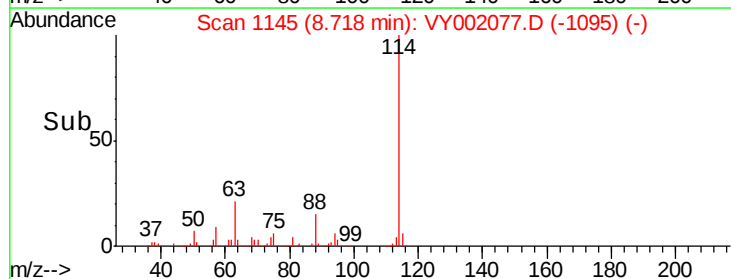
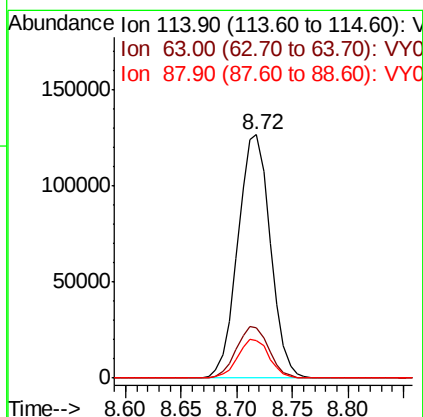
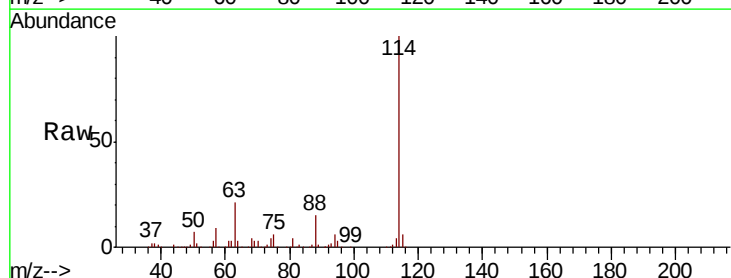
Instrument :
 MSVOA_Y
 ClientSampleId :

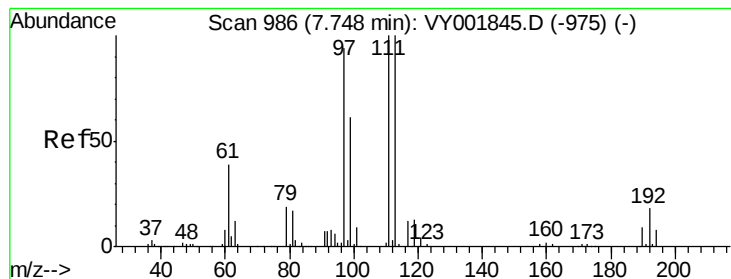
Tot Ion: 65 Resp: 84435
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002077.D
 Acq: 25 Mar 2020 19:06

Tgt Ion: 114 Resp: 256039
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.265 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002077.D

Acq: 25 Mar 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

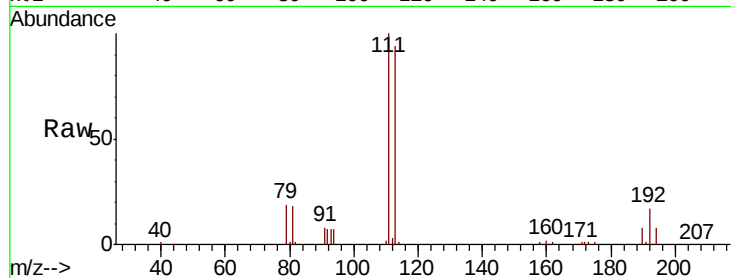
Tot Ion:113 Resp: 75867

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

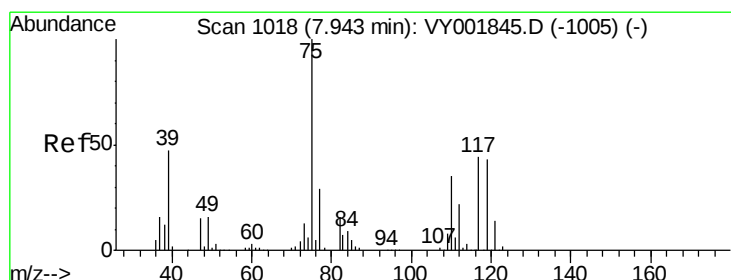
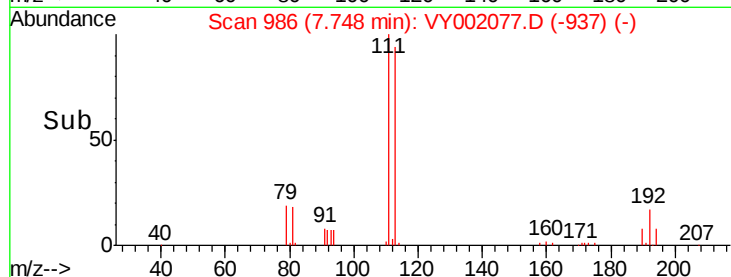
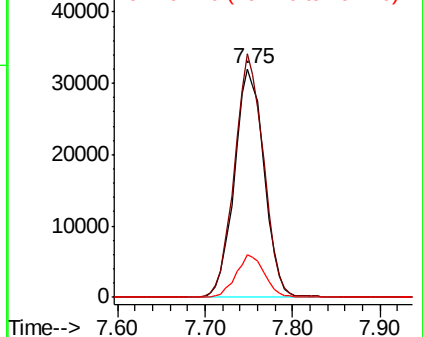
192 17.7 14.2 21.2



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: 4.711 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.12 min

Lab File: VY002077.D

Acq: 25 Mar 2020 19:06

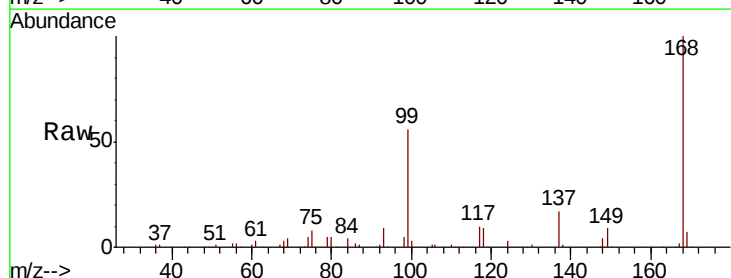
Tgt Ion: 75 Resp: 11608

Ion Ratio Lower Upper

75 100

110 9.5 17.4 52.2#

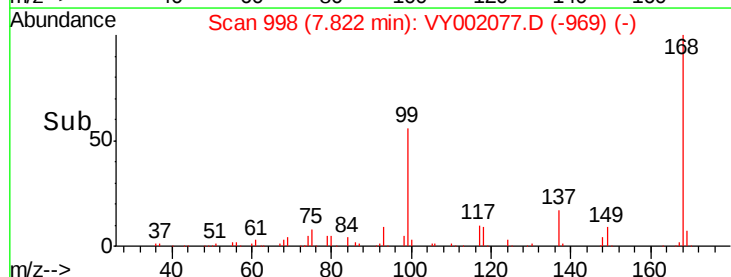
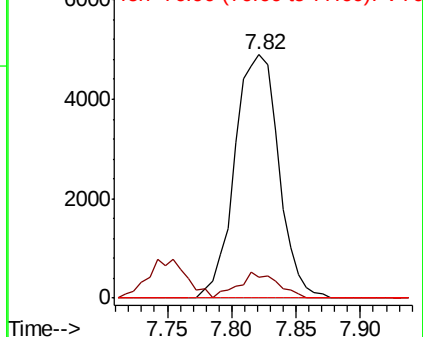
77 0.0 24.2 36.2#

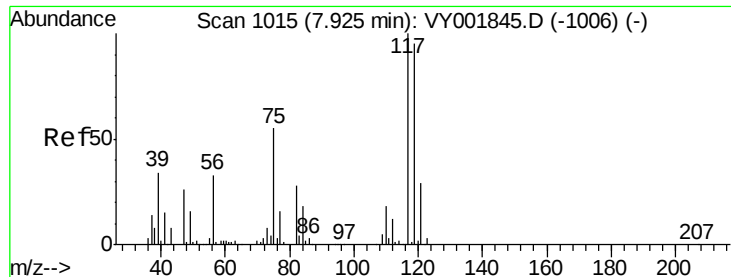


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

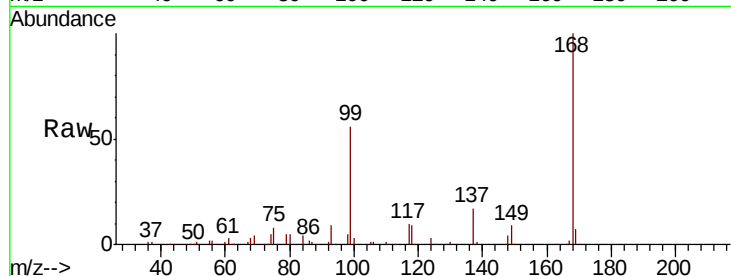




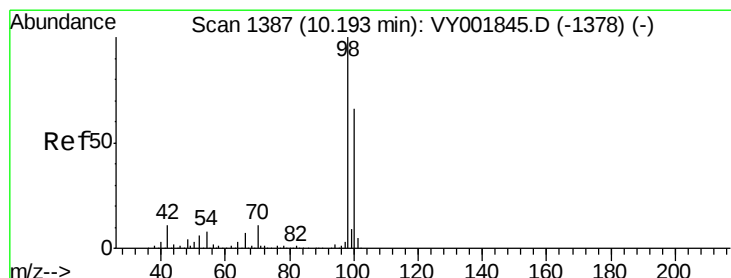
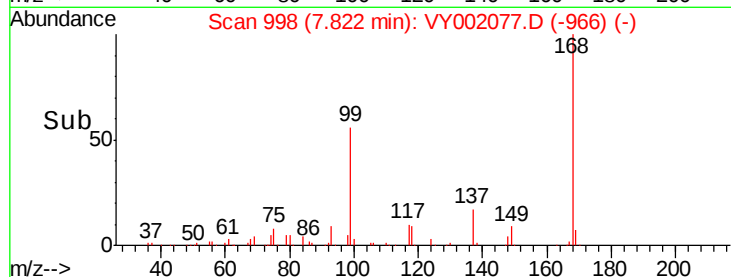
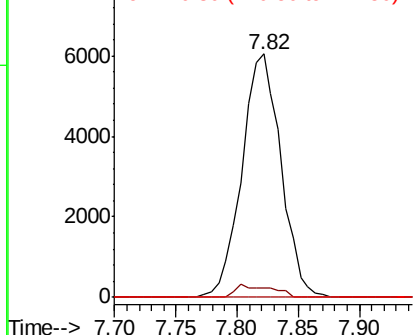
#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 13403
Ion Ratio Lower Upper
117 100
119 4.0 76.3 114.5#
121 0.0 23.5 35.3#

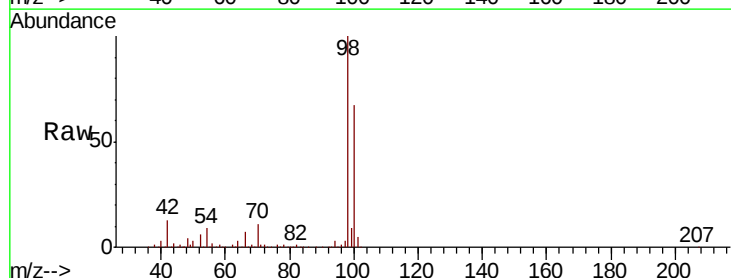


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

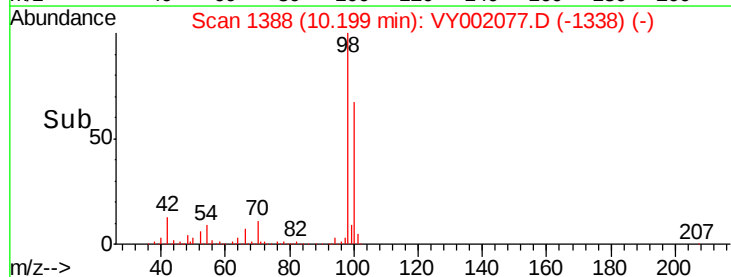
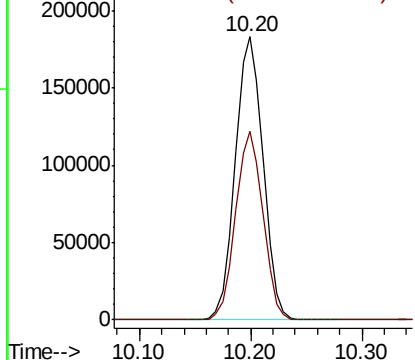


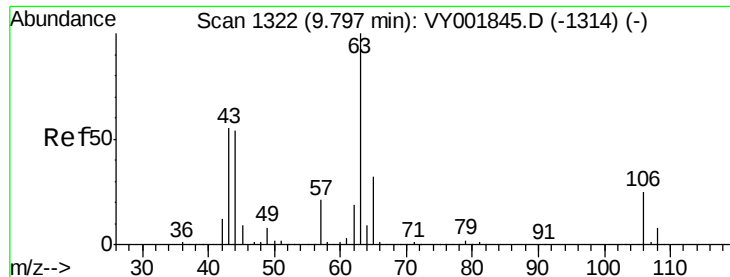
#50
Toluene-d8
Concen: 53.495 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Tgt Ion: 98 Resp: 315381
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

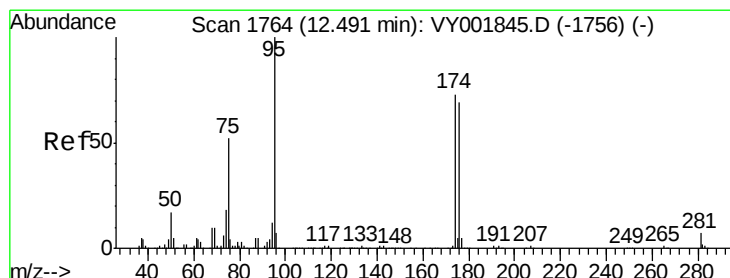
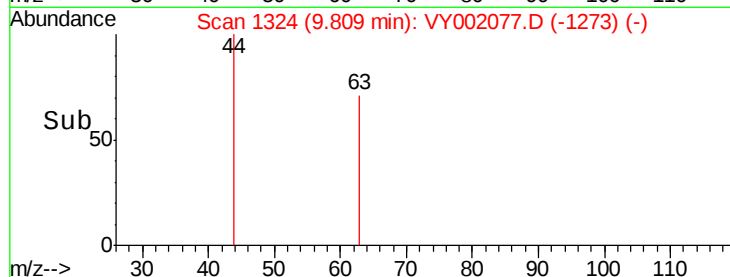
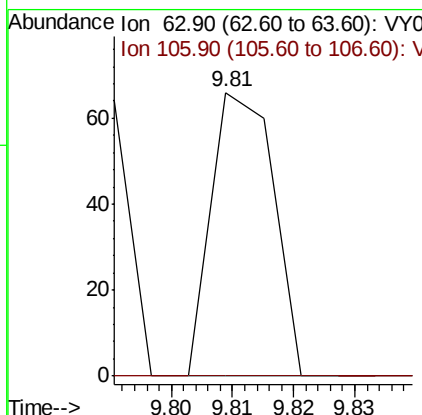
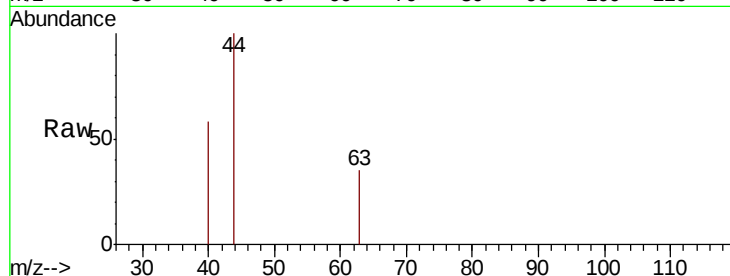




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.81 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

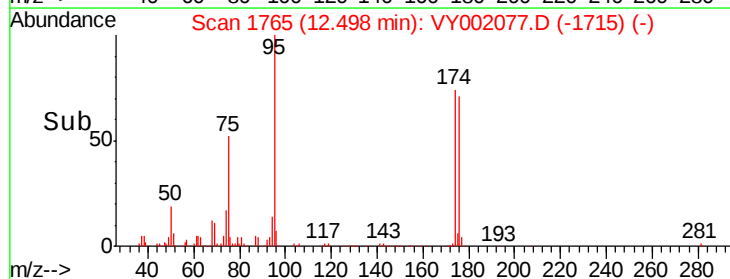
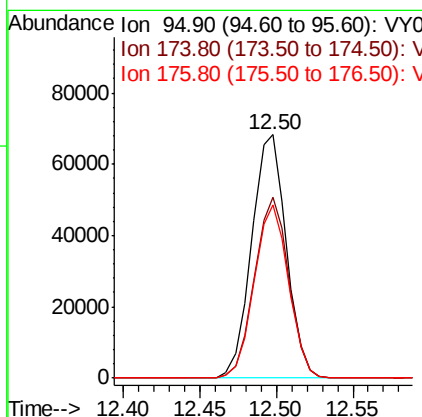
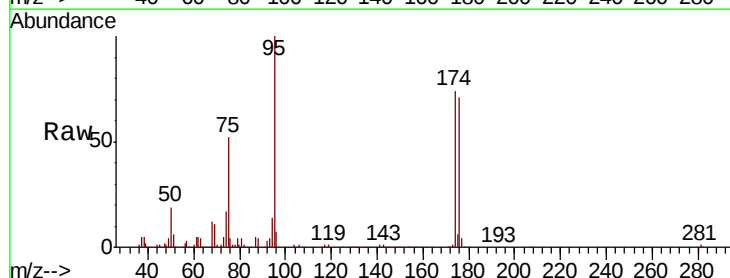
Instrument :
MSVOA_Y
ClientSampled :

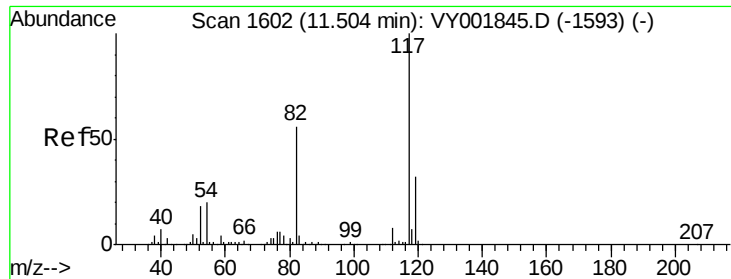
Tot Ion: 63 Resp: 46
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



#62
4-Bromofluorobenzene
Concen: 52.545 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Tgt Ion: 95 Resp: 107714
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.0
176 70.6 0.0 137.4

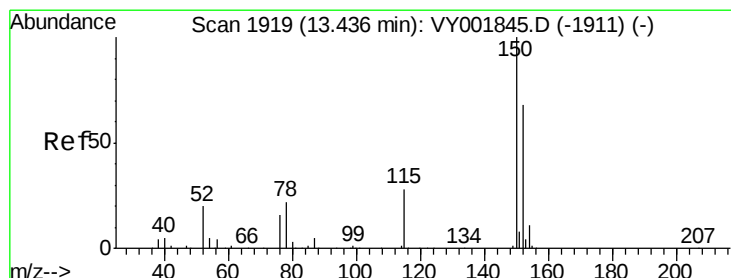
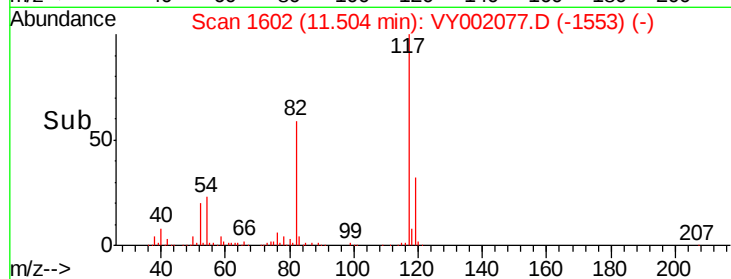
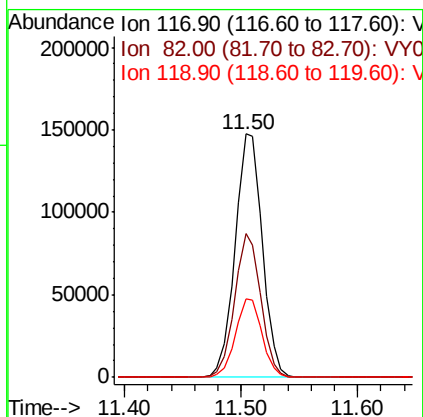
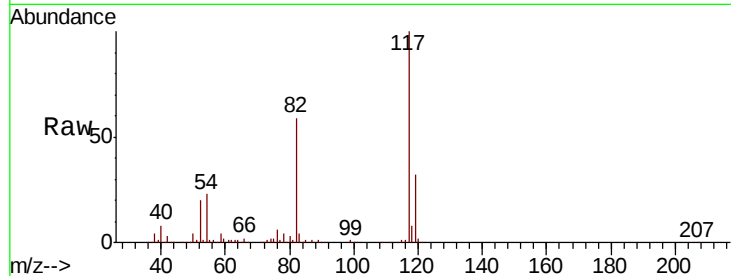




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

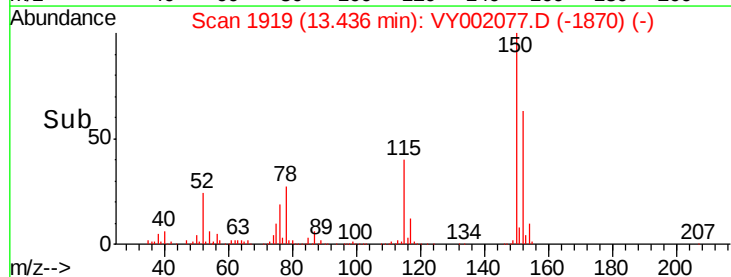
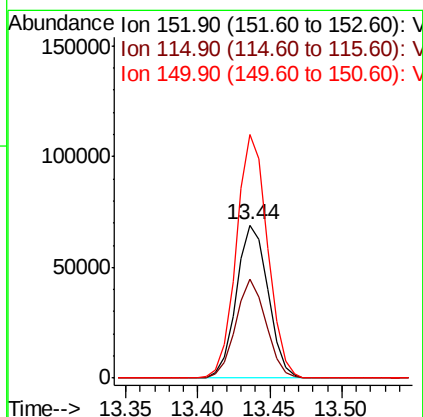
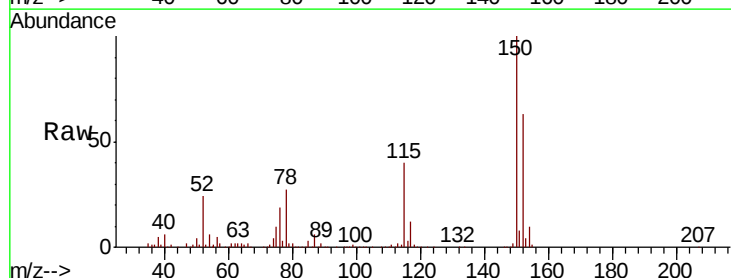
Instrument :
MSVOA_Y
ClientSampleId :

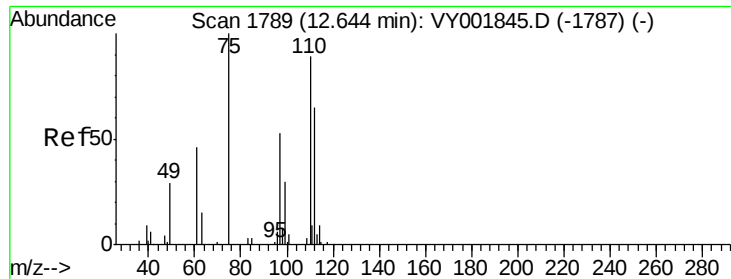
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	44.5	66.7
119	32.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	29.9	89.7
150	156.6	0.0	340.6



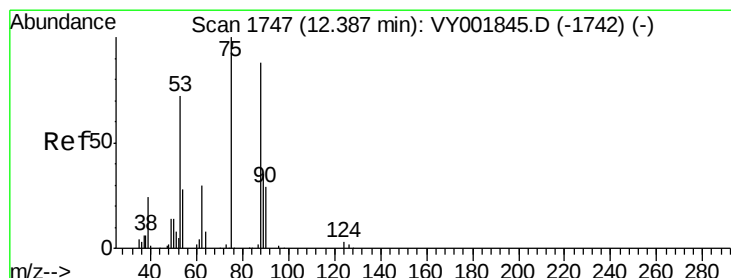
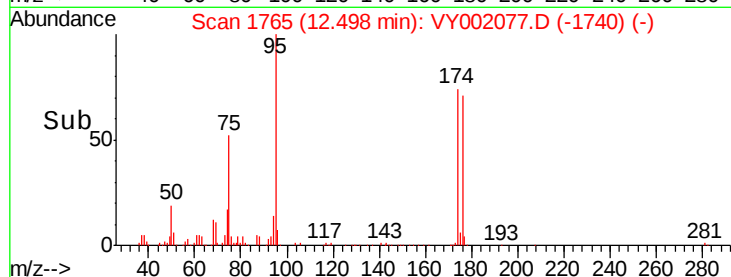
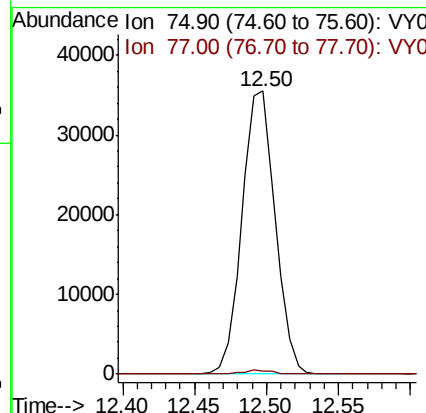
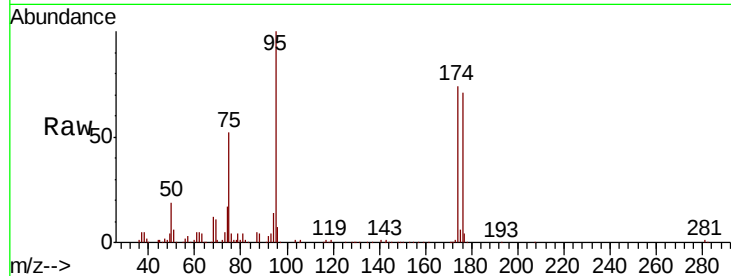


#76

1,2,3-Trichloropropane
Concen: 45.096 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. -0.15 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 56576
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 91.091 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.11 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Tgt Ion: 75 Resp: 56576
Ion Ratio Lower Upper
75 100
53 0.0 65.4 98.0#
89 0.0 36.0 54.0#

