

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002474.D
 Acq On : 23 Apr 2020 20:45
 Operator : SY/MD
 Sample : L2331-05
 Misc : 5.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	267958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	413969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	370270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	192497	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	133633	57.06	ug/l	0.00
Spiked Amount			Recovery	=	114.12%	
35) Dibromofluoromethane	7.75	113	122371	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
50) Toluene-d8	10.20	98	483302	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.49	95	155051	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	

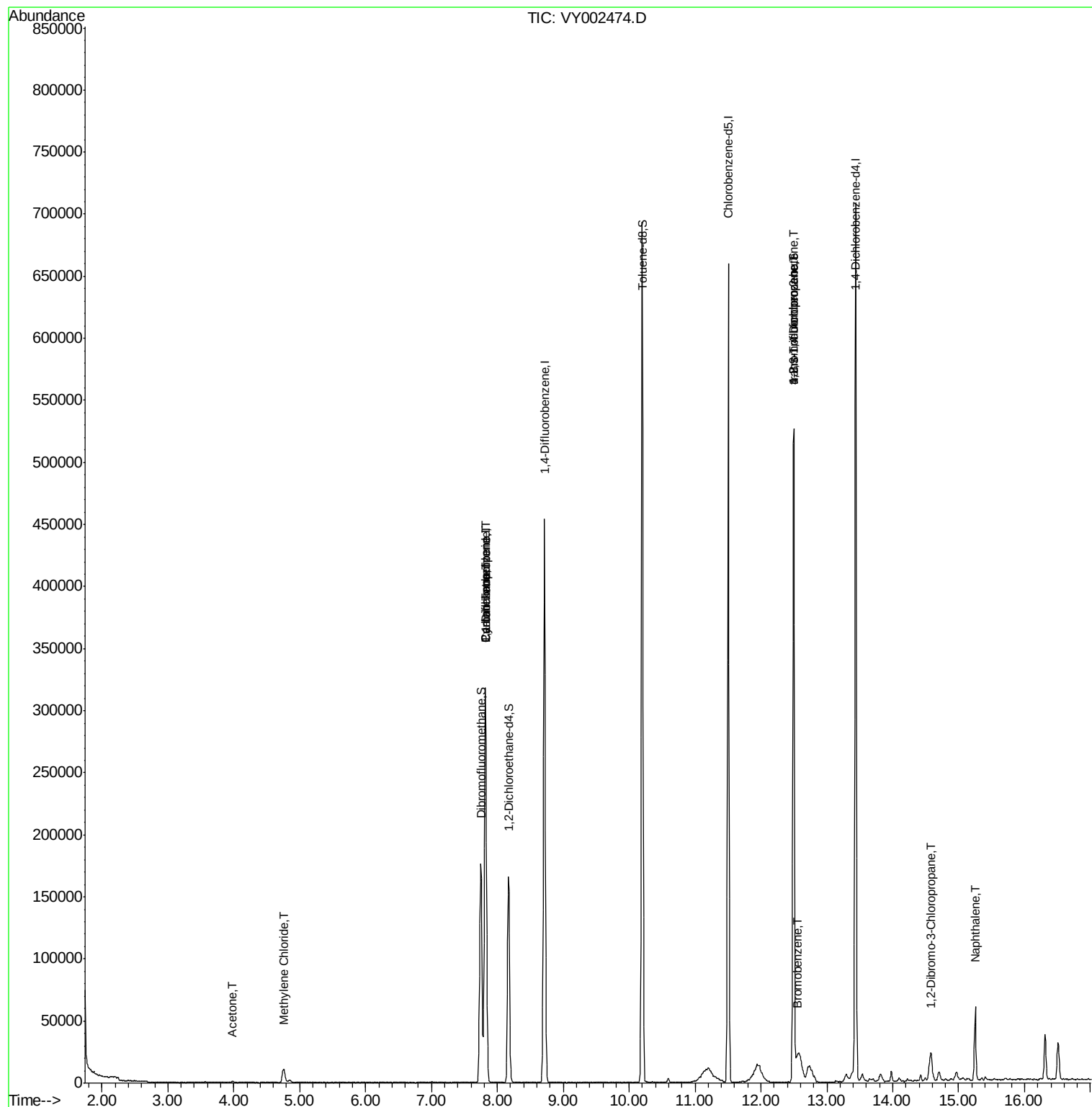
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	663	1.355	ug/l #	78
20) Methylene Chloride	4.76	84	8782	3.143	ug/l	93
31) Cyclohexane	7.82	56	4227	1.048	ug/l #	2
36) 1,1-Dichloropropene	7.82	75	17053	4.804	ug/l #	49
38) Carbon Tetrachloride	7.82	117	24162	5.919	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	79533	48.748	ug/l #	100
77) Bromobenzene	12.56	156	19155	5.935	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	79533	90.207	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.58	75	1418	3.614	ug/l #	2
95) Naphthalene	15.25	128	52283	6.948	ug/l	99

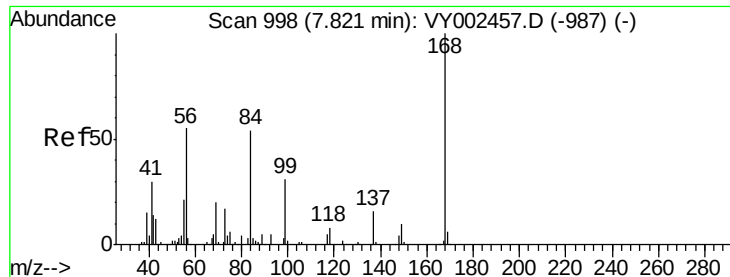
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
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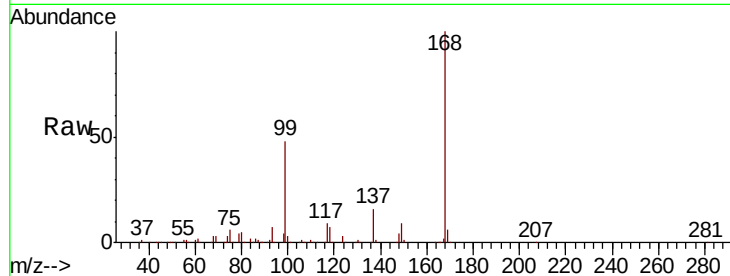


#1

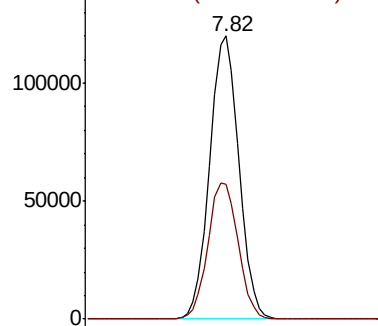
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VY002474.D
 Acq: 23 Apr 2020 20:45

Instrument :
 MSVOA_Y
 ClientSampled :

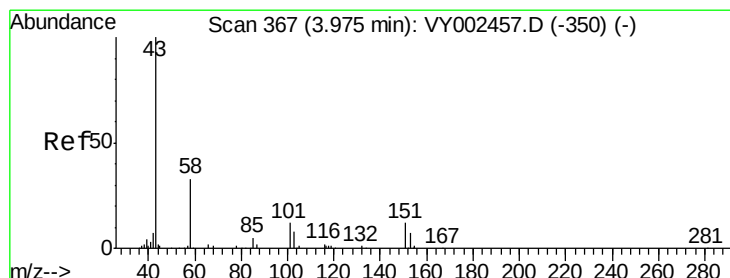
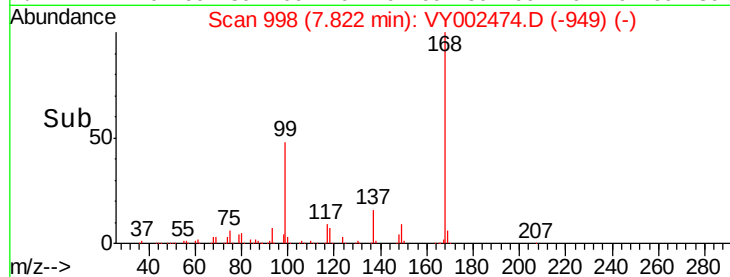
Tot Ion:168 Resp: 267958
 Ion Ratio Lower Upper
 168 100
 99 47.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)
 Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)



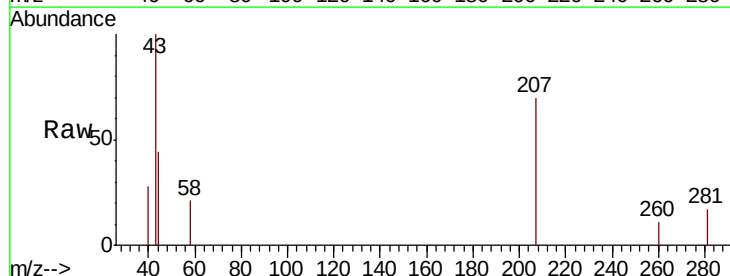
Time-->



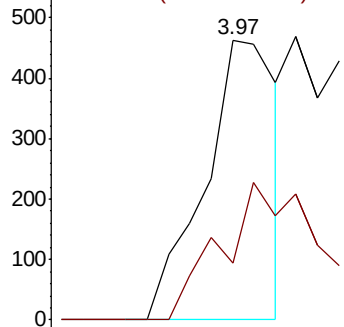
#16

Acetone
 Concen: 1.355 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VY002474.D
 Acq: 23 Apr 2020 20:45

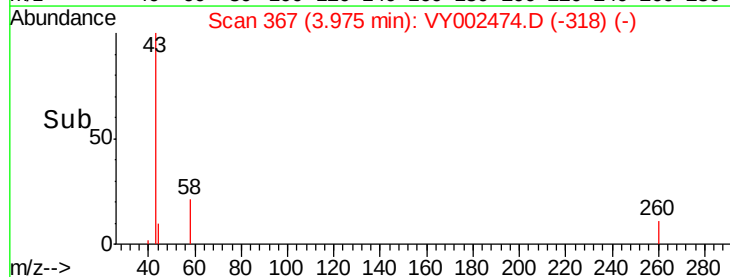
Tgt Ion: 43 Resp: 663
 Ion Ratio Lower Upper
 43 100
 58 20.5 26.4 39.6#

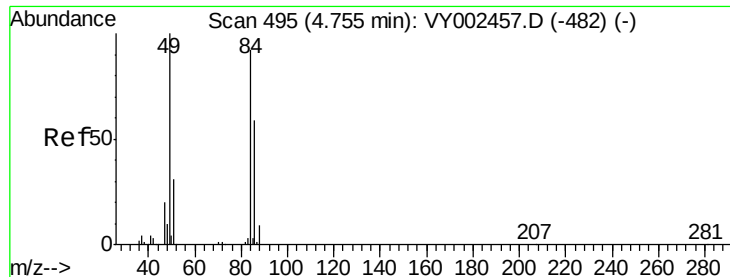


Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)
 Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)



Time-->

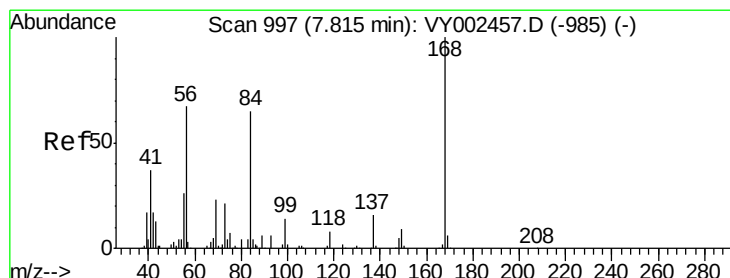
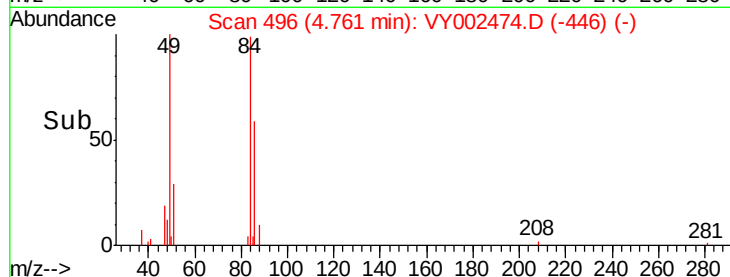
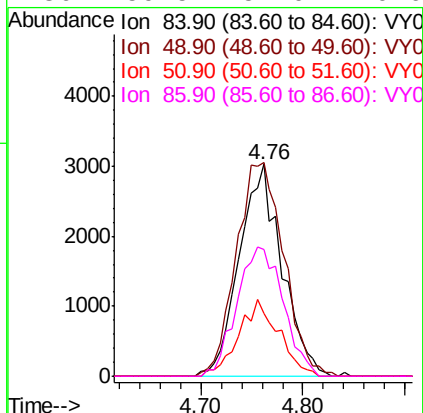
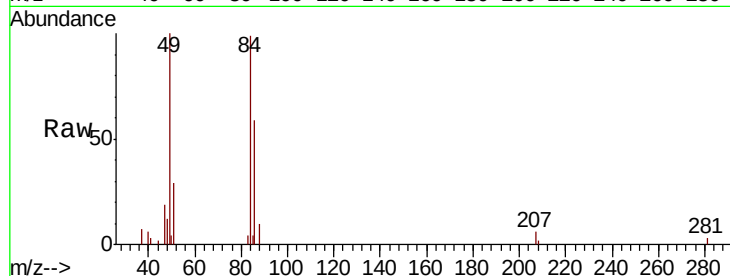




#20
Methylene Chloride
Concen: 3.143 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY002474.D
Acq: 23 Apr 2020 20:45

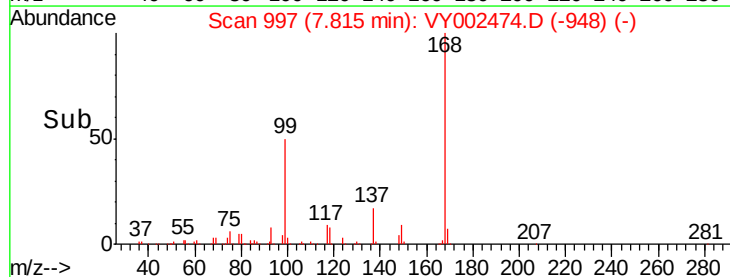
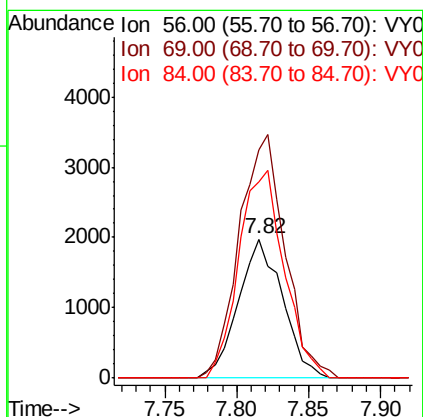
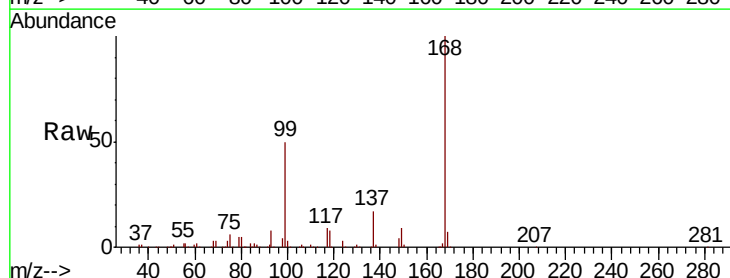
Instrument :
MSVOA_Y
ClientSampleId :

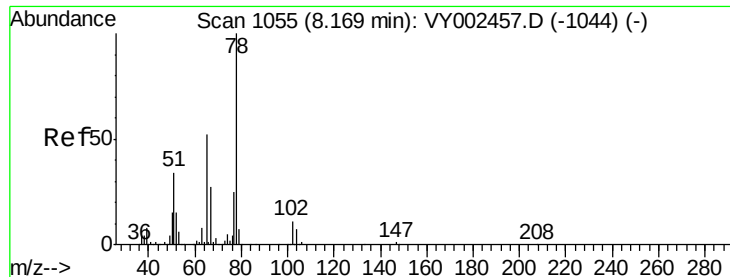
Tot Ion:	84	Resp:	8782
Ion	Ratio	Lower	Upper
84	100		
49	100.7	86.9	130.3
51	29.4	27.3	40.9
86	59.5	51.0	76.6



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY002474.D
Acq: 23 Apr 2020 20:45

Tgt Ion:	56	Resp:	4227
Ion	Ratio	Lower	Upper
56	100		
69	164.6	27.0	40.6#
84	148.2	77.4	116.2#

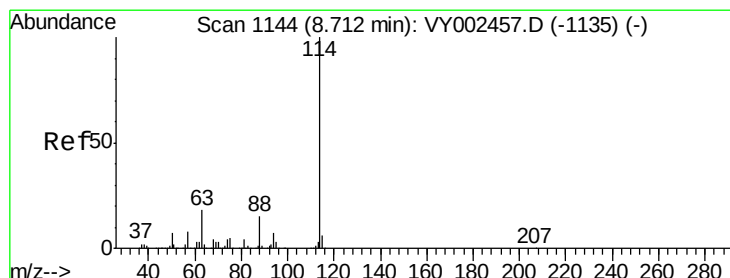
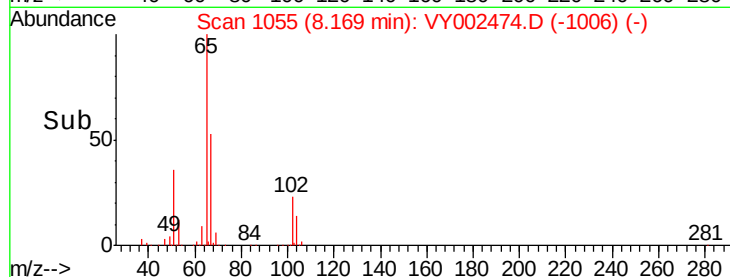
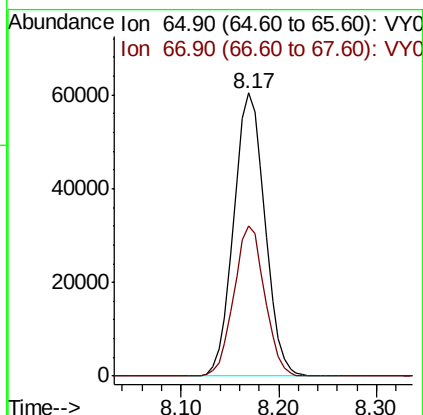
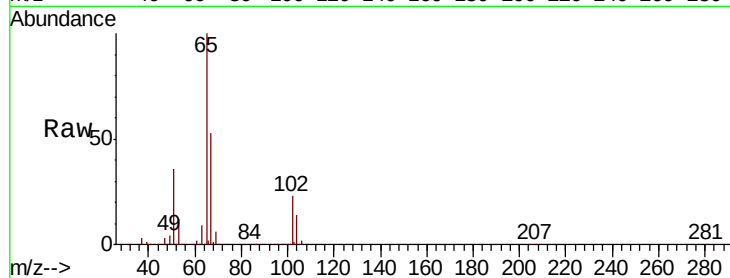




#33
 1,2-Dichloroethane-d4
 Concen: 57.058 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002474.D
 Acq: 23 Apr 2020 20:45

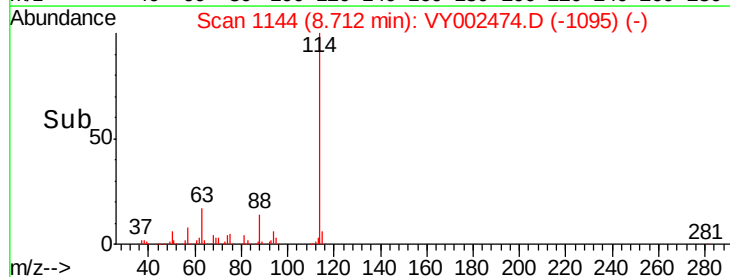
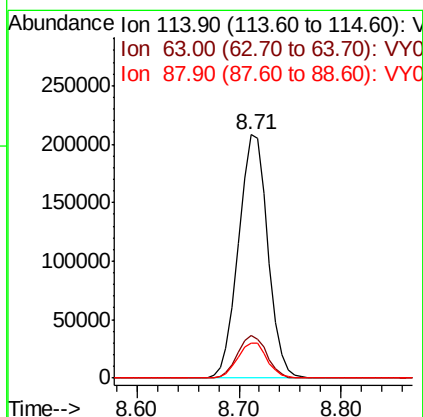
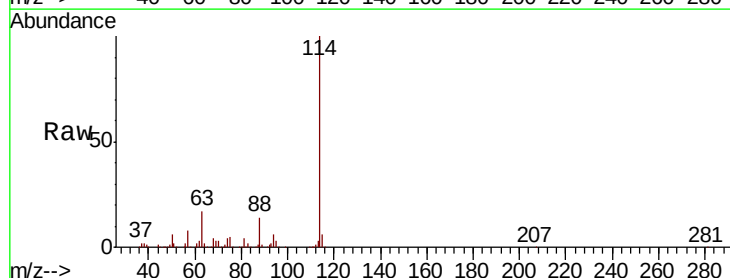
Instrument :
 MSVOA_Y
 ClientSampleId :

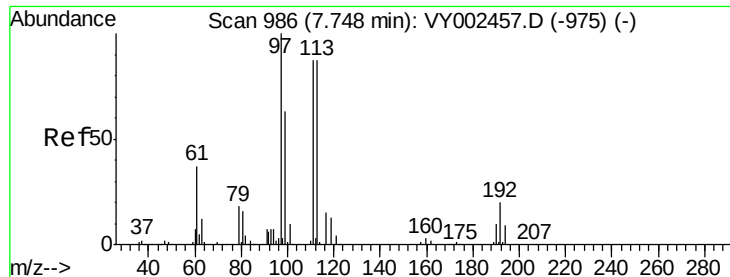
Tot Ion: 65 Resp: 133633
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002474.D
 Acq: 23 Apr 2020 20:45

Tgt Ion: 114 Resp: 413969
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.6
 88 14.4 0.0 29.4

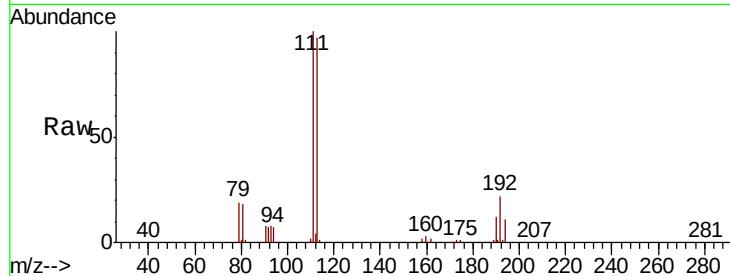




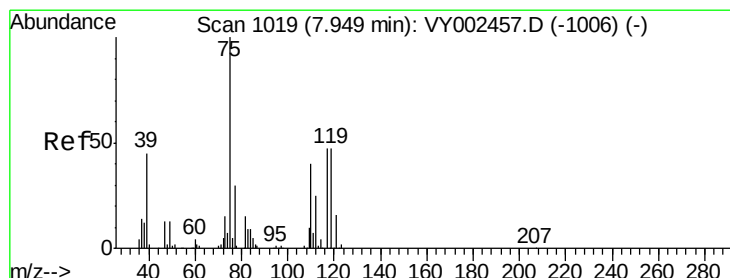
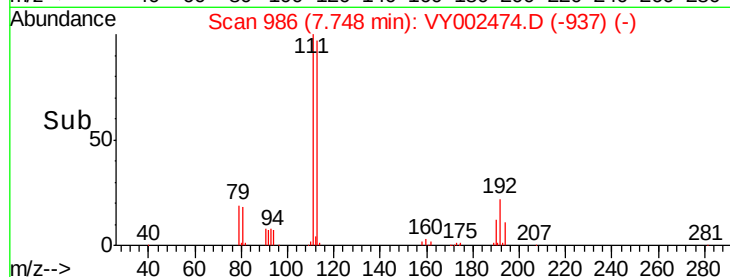
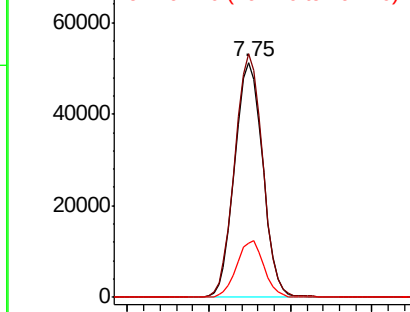
#35
 Dibromofluoromethane
 Concen: 52.407 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY002474.D
 Acq: 23 Apr 2020 20:45

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 122371
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.4
 192 23.4 18.6 27.8

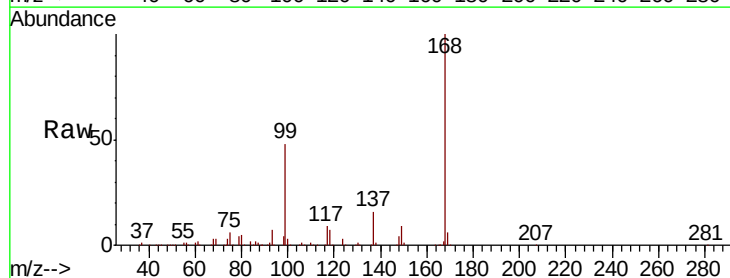


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

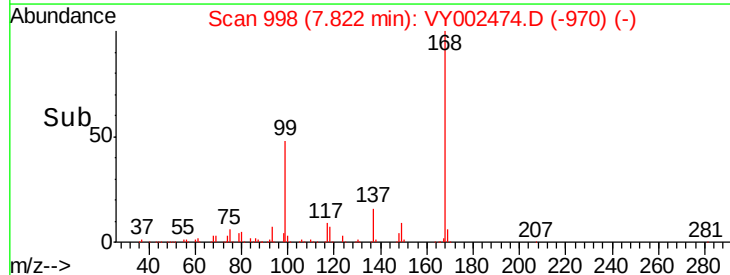
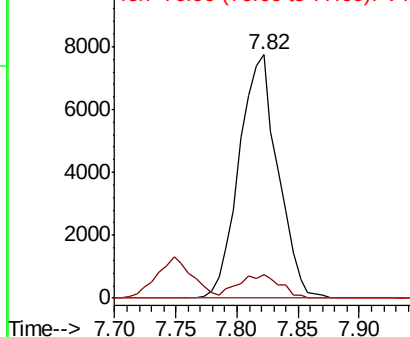


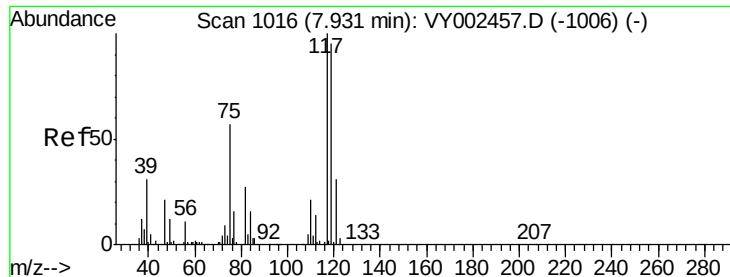
#36
 1,1-Dichloropropene
 Concen: 4.804 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.13 min
 Lab File: VY002474.D
 Acq: 23 Apr 2020 20:45

Tgt Ion: 75 Resp: 17053
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.4 58.4#
 77 0.0 24.7 37.1#



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

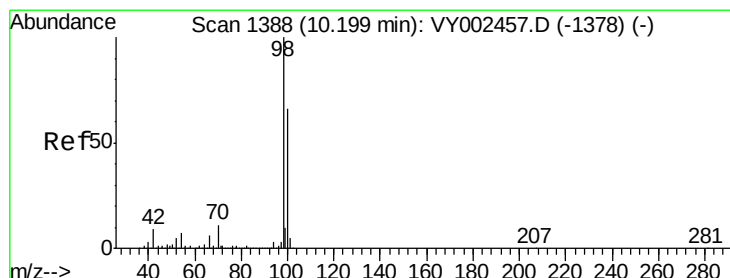
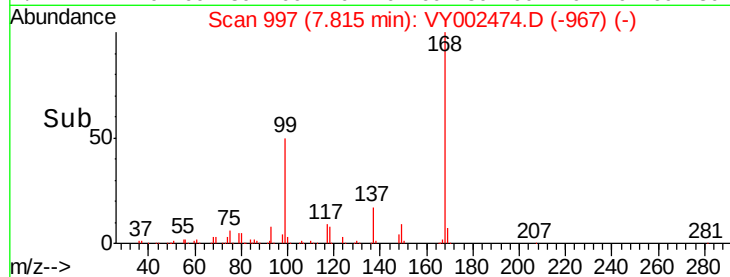
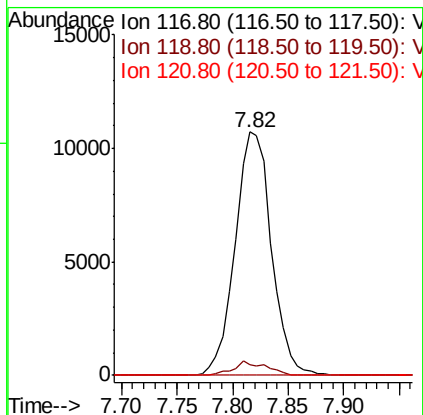
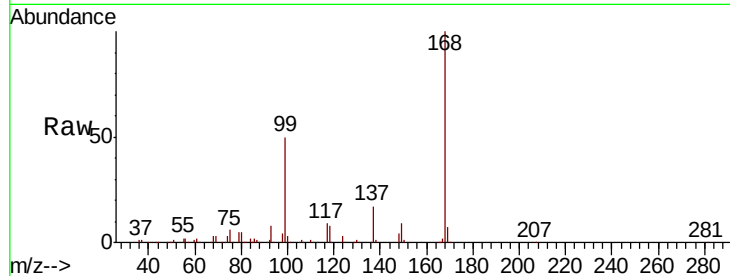




#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY002474.D
Acq: 23 Apr 2020 20:45

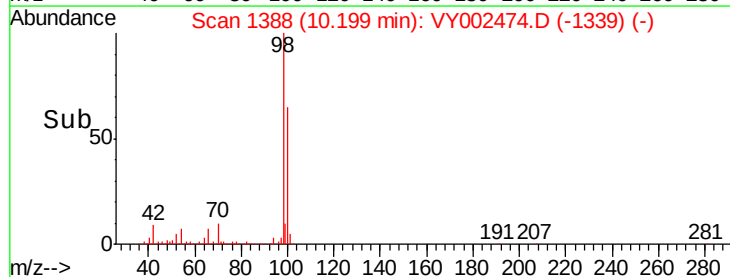
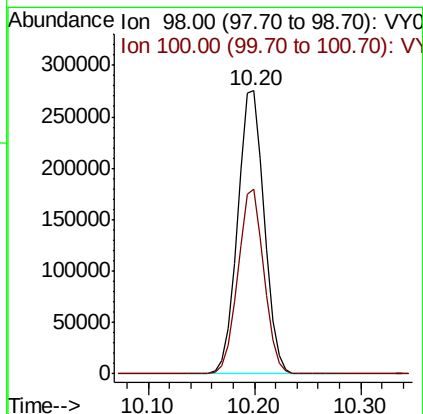
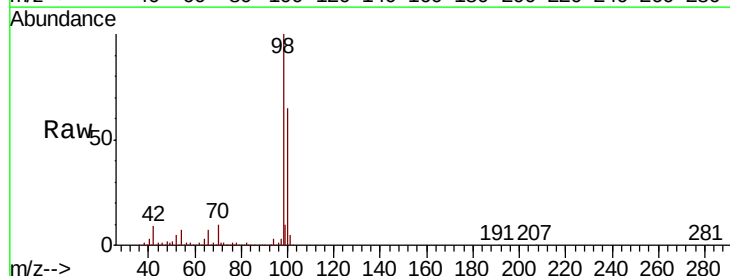
Instrument :
MSVOA_Y
ClientSampleId :

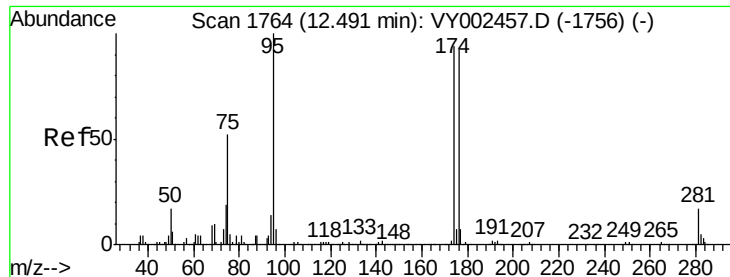
Tot Ion:117 Resp: 24162
Ion Ratio Lower Upper
117 100
119 4.5 75.9 113.9#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.498 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VY002474.D
Acq: 23 Apr 2020 20:45

Tgt Ion: 98 Resp: 483302
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

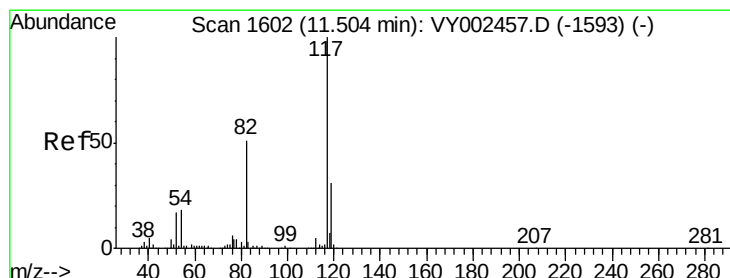
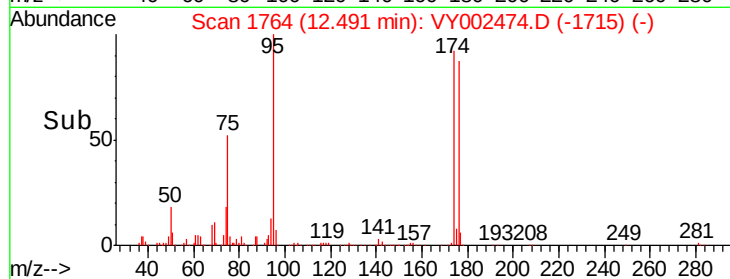
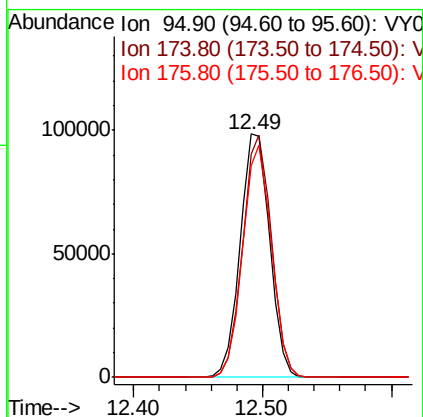
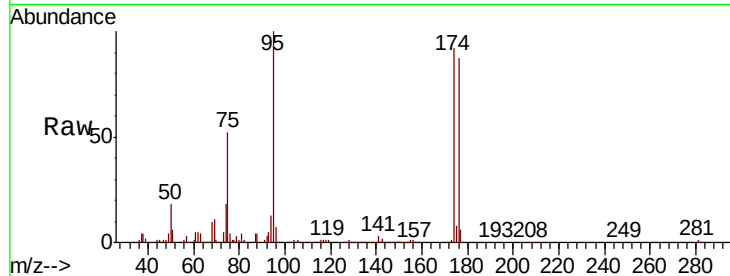




#62
4-Bromofluorobenzene
Concen: 49.238 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY002474.D
Acq: 23 Apr 2020 20:45

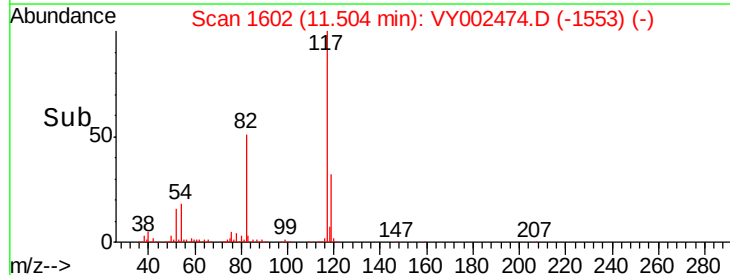
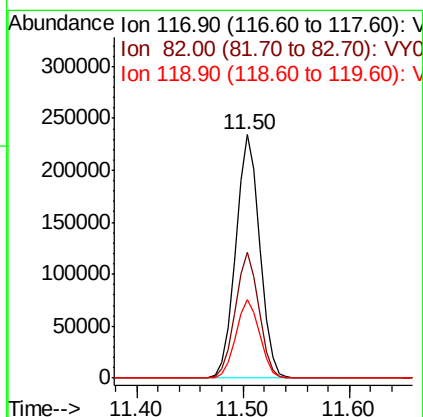
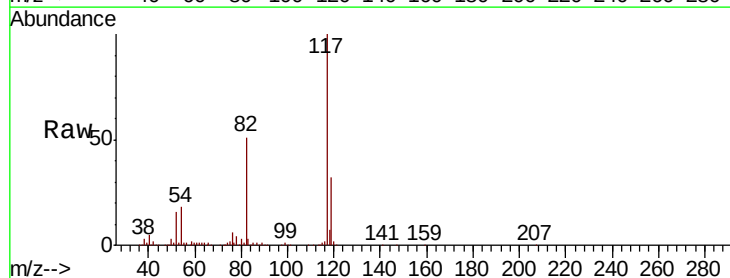
Instrument :
MSVOA_Y
ClientSampleId :

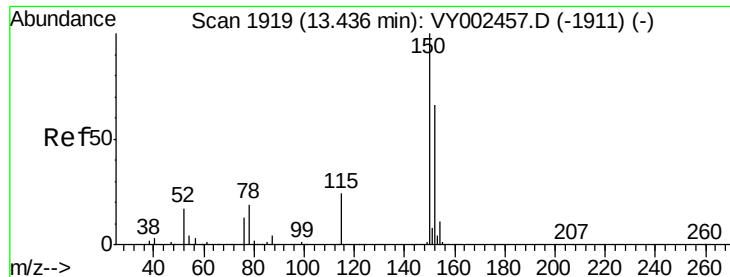
Tot Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	193.0
176	93.1	0.0	190.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002474.D
Acq: 23 Apr 2020 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.8	61.2
119	32.3	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002474.D

Acq: 23 Apr 2020 20:45

Instrument :

MSVOA_Y

ClientSampleId :

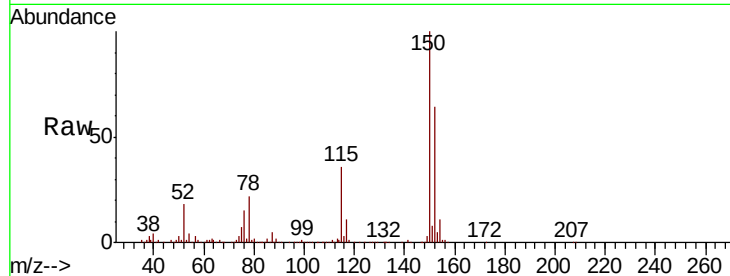
Tot Ion:152 Resp: 192497

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.8

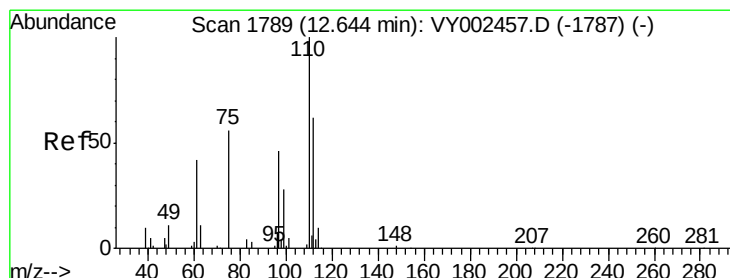
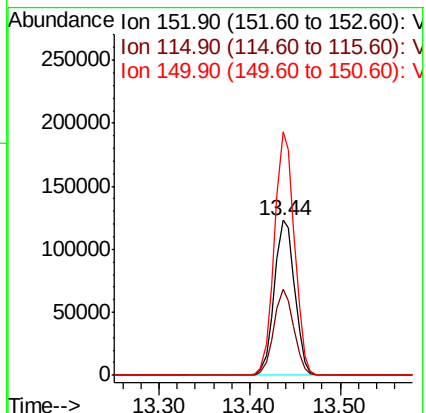
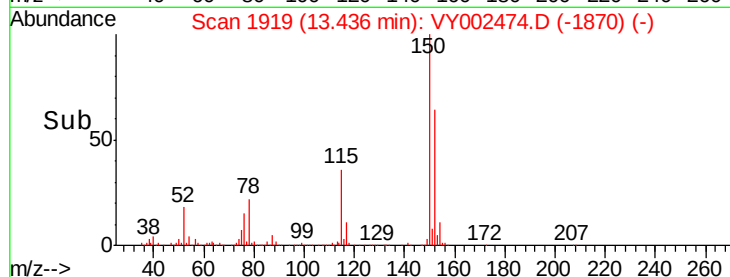
150 153.3 0.0 346.8



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



#76

1,2,3-Trichloropropane

Concen: 48.748 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002474.D

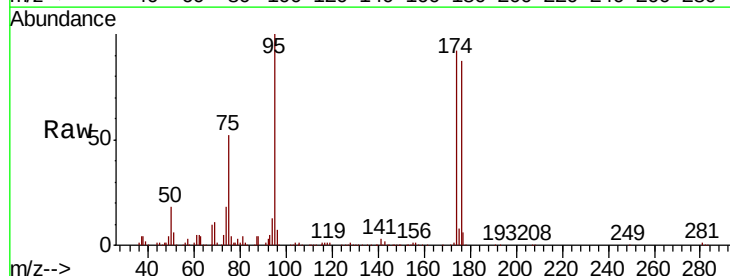
Acq: 23 Apr 2020 20:45

Tgt Ion: 75 Resp: 79533

Ion Ratio Lower Upper

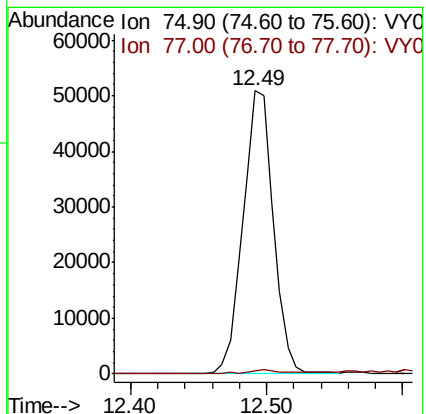
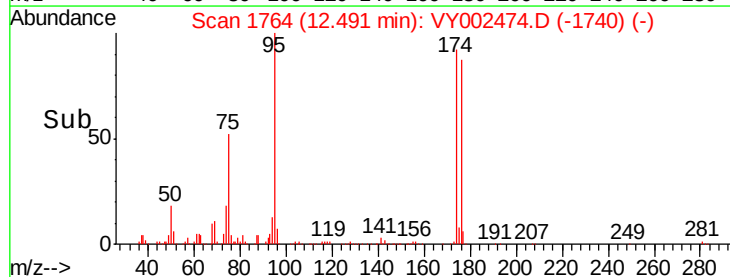
75 100

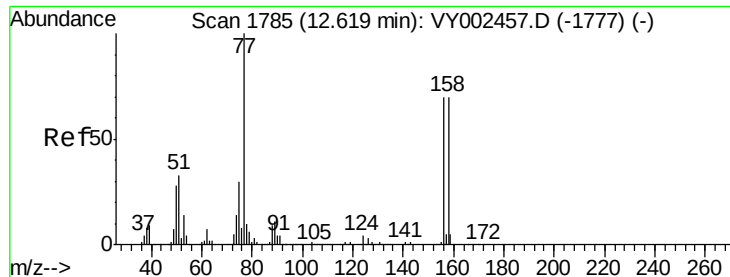
77 2.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 5.935 ug/l

RT: 12.56 min Scan# 1775

Delta R.T. -0.06 min

Lab File: VY002474.D

Acq: 23 Apr 2020 20:45

Instrument :

MSVOA_Y

ClientSampleId :

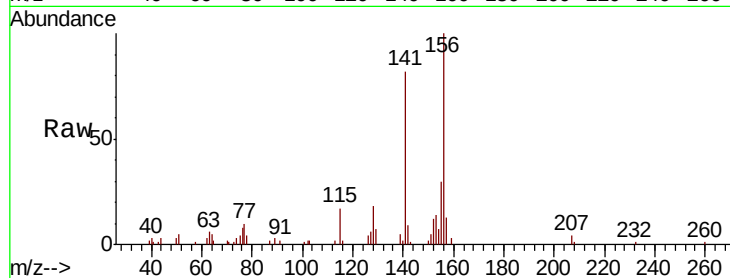
Tot Ion:156 Resp: 19155

Ion Ratio Lower Upper

156 100

77 1.6 78.5 235.7#

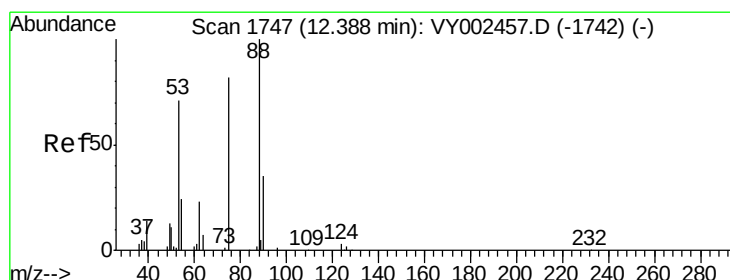
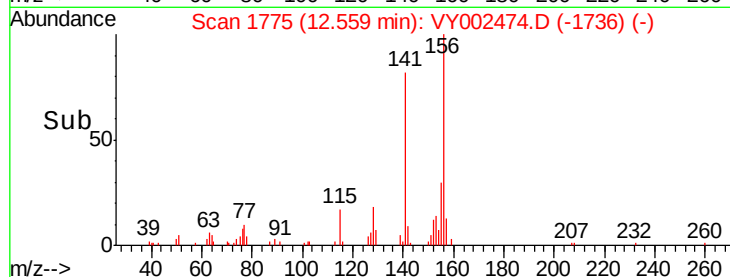
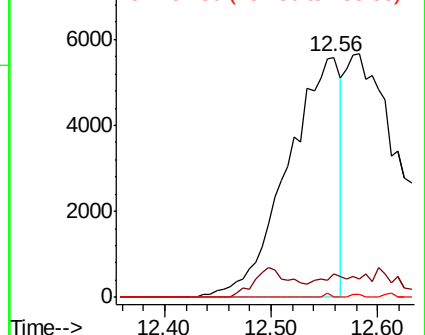
158 0.2 48.4 145.3#



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



#81

trans-1,4-Dichloro-2-butene

Concen: 90.207 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002474.D

Acq: 23 Apr 2020 20:45

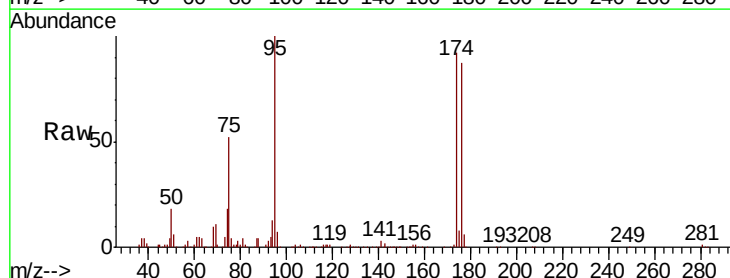
Tgt Ion: 75 Resp: 79533

Ion Ratio Lower Upper

75 100

53 0.0 70.0 105.0#

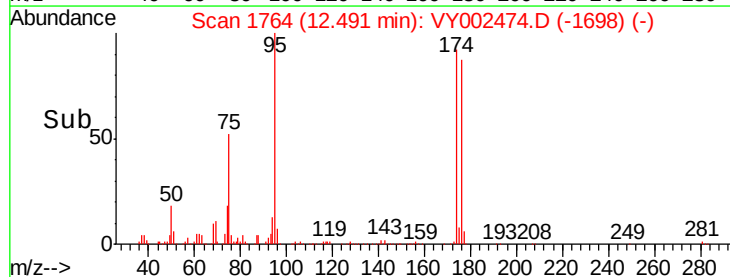
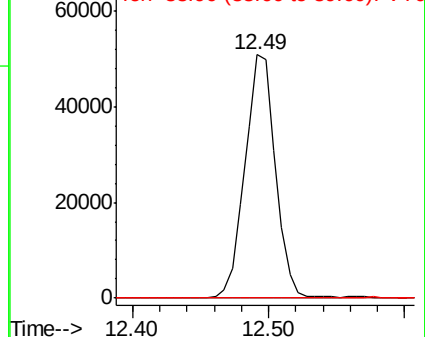
89 0.3 34.9 52.3#

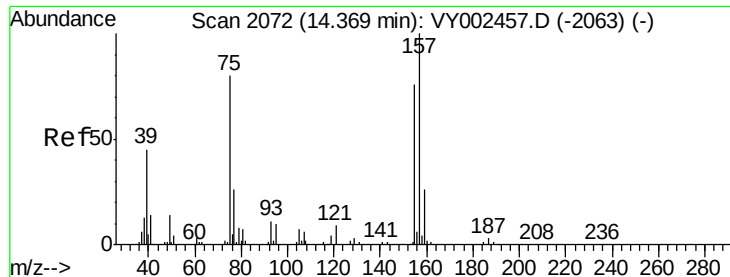


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

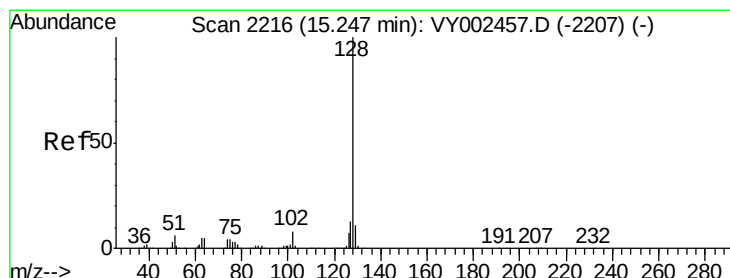
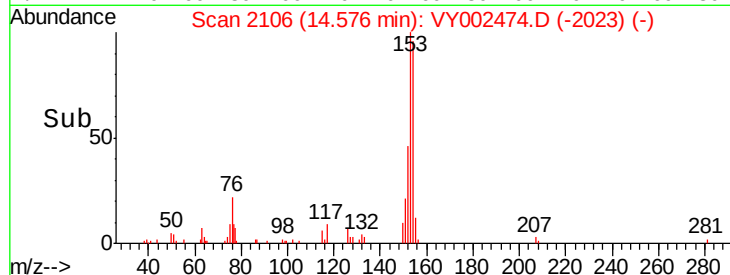
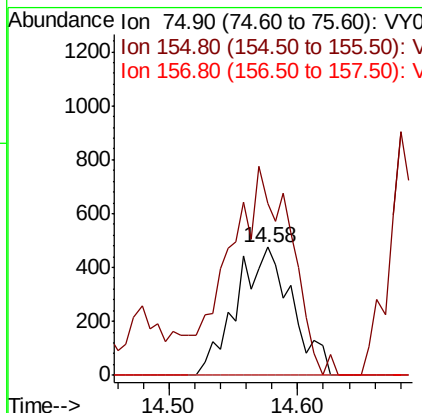
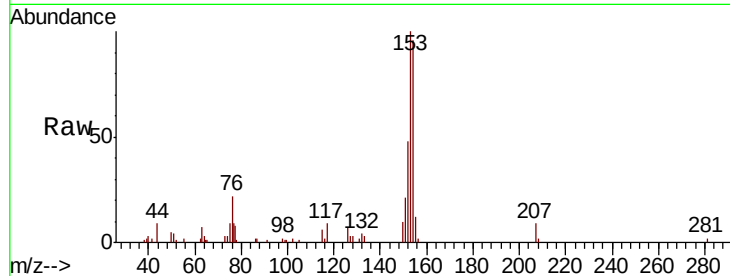




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.614 ug/l
 RT: 14.58 min Scan# 2106
 Delta R.T. 0.21 min
 Lab File: VY002474.D
 Acq: 23 Apr 2020 20:45

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 1418
 Ion Ratio Lower Upper
 75 100
 155 182.4 49.6 149.0#
 157 0.0 62.6 187.9#



#95
 Naphthalene
 Concen: 6.948 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: VY002474.D
 Acq: 23 Apr 2020 20:45

Tgt Ion: 128 Resp: 52283
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.5 15.7
 129 10.4 8.8 13.2

