

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
 Data File : VY001458.D
 Acq On : 31 Jan 2020 16:15
 Operator : SY/MD
 Sample : L1351-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-2

Quant Time: Jan 31 18:06:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	292911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	111338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	94395	54.83	ug/l	0.00
Spiked Amount			Recovery	=	109.66%	
35) Dibromofluoromethane	7.75	113	85911	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	10.19	98	348482	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.49	95	122251	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	

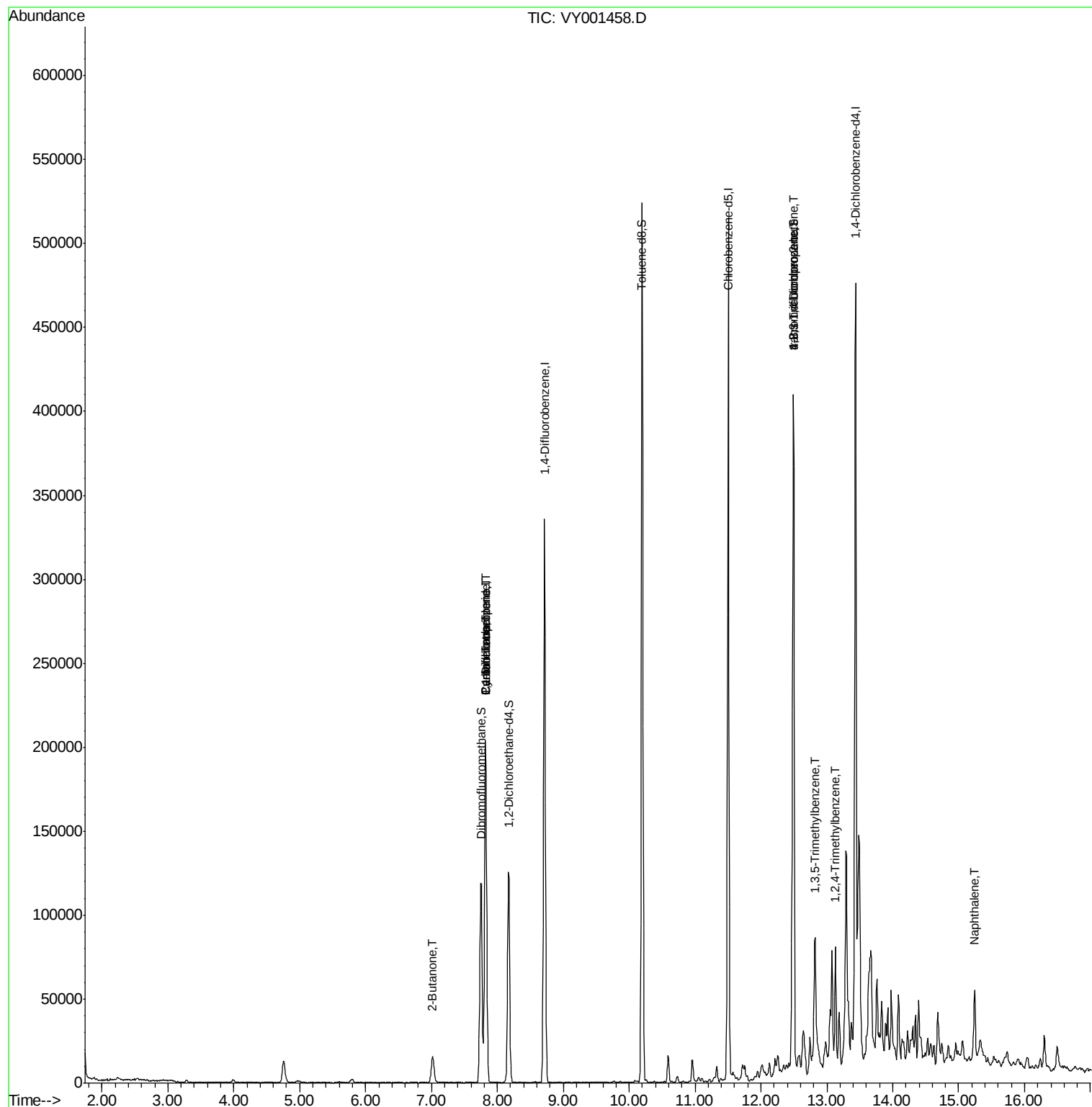
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	1744	Below Cal	#	74
16) Acetone	3.99	43	3059	Below Cal		91
25) 2-Butanone	7.02	43	1549	2.07	ug/l #	49
31) Cyclohexane	7.83	56	3411	1.02	ug/l #	2
36) 1,1-Dichloropropene	7.82	75	12428	4.49	ug/l #	49
38) Carbon Tetrachloride	7.82	117	14836	6.02	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	61040	45.50	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.83	105	19811	2.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.49	75	61040	86.10	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.13	105	35935	4.88	ug/l	100
95) Naphthalene	15.25	128	33282	6.27	ug/l	96

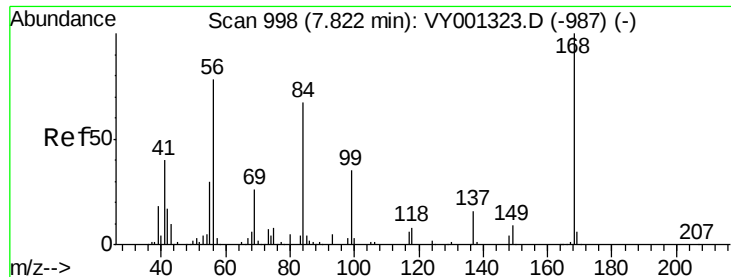
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
Data File : VY001458.D
Acq On : 31 Jan 2020 16:15
Operator : SY/MD
Sample : L1351-02
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TAL-2

Quant Time: Jan 31 18:06:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampled :

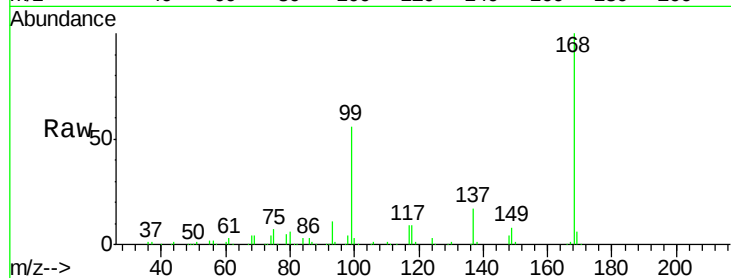
TAL-2

Tgt Ion: 168 Resp: 158220

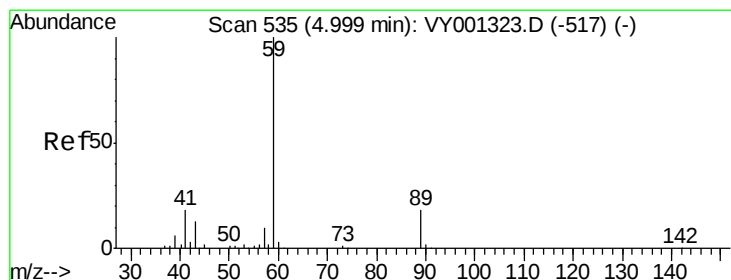
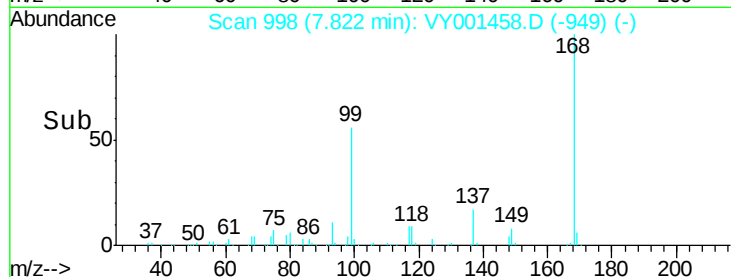
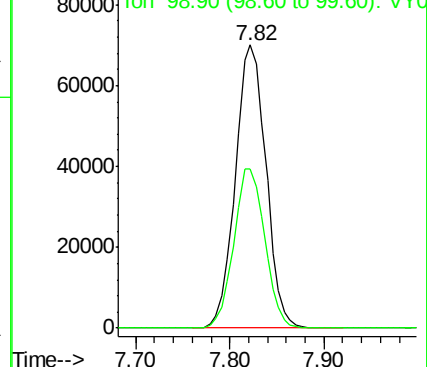
Ion Ratio Lower Upper

168 100

99 56.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001458.D (-949) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 531

Delta R.T. -0.02 min

Lab File: VY001458.D

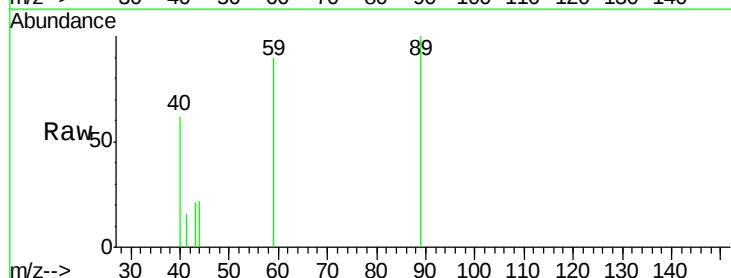
Acq: 31 Jan 2020 16:15

Tgt Ion: 59 Resp: 1744

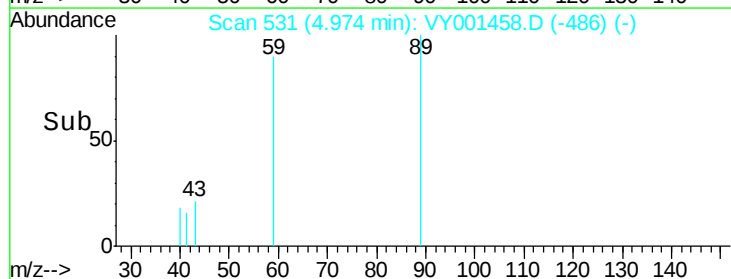
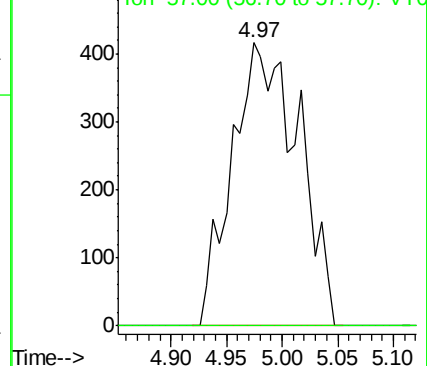
Ion Ratio Lower Upper

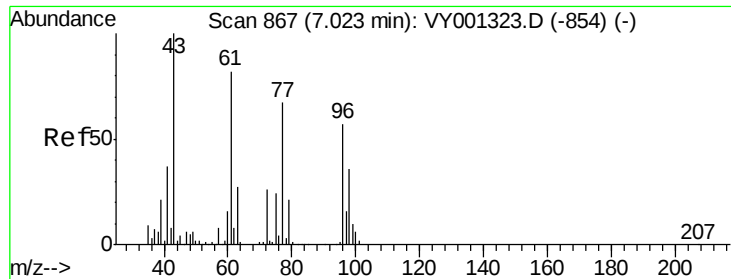
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001458.D (-486) (-)





#25

2-Butanone

Concen: 2.07 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampled :

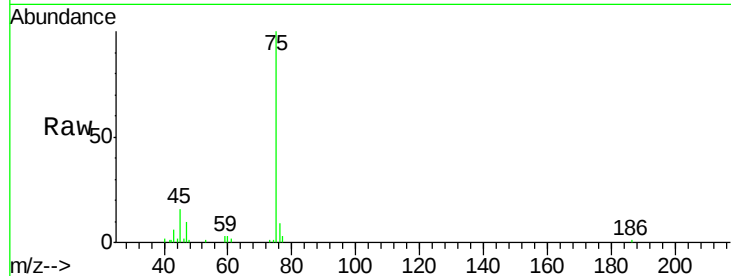
TAL-2

Tgt Ion: 43 Resp: 1549

Ion Ratio Lower Upper

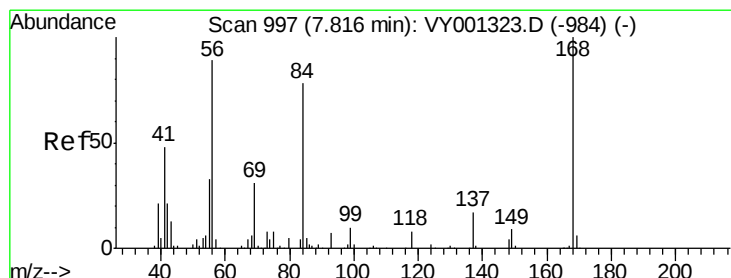
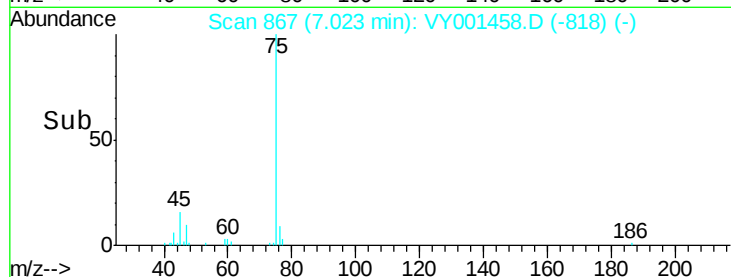
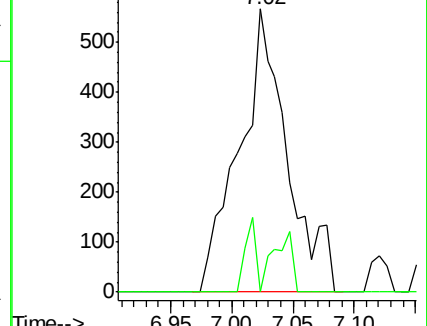
43 100

72 0.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.02 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

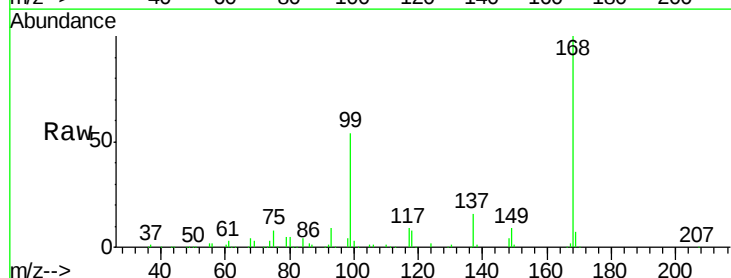
Tgt Ion: 56 Resp: 3411

Ion Ratio Lower Upper

56 100

69 131.4 27.6 41.4#

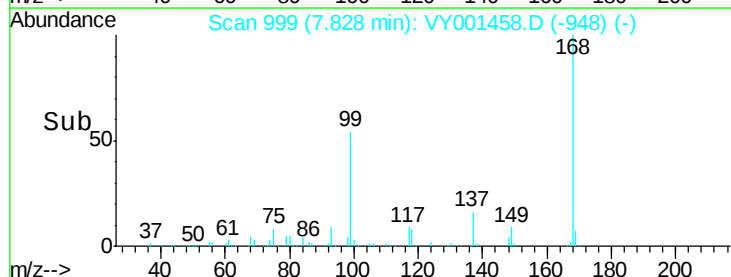
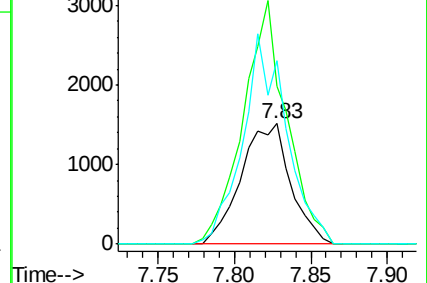
84 152.1 69.7 104.5#

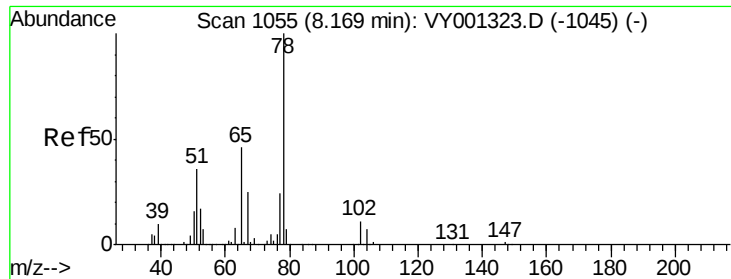


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

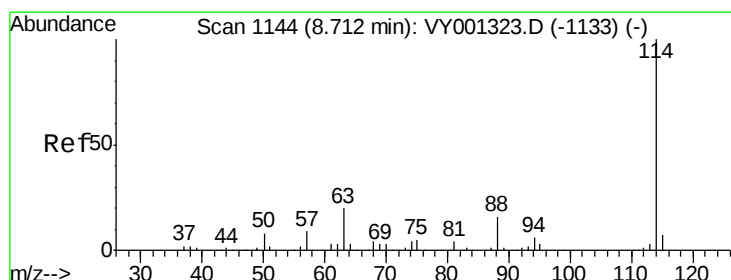
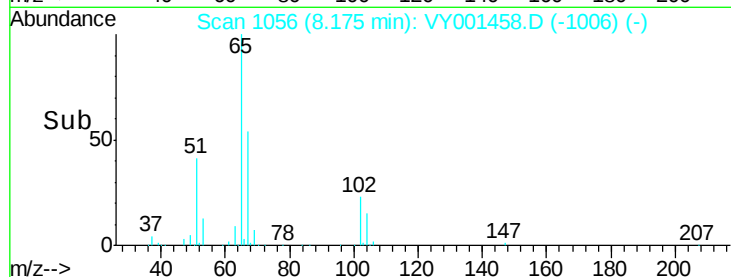
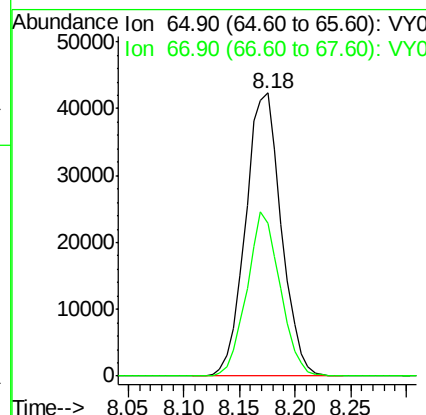
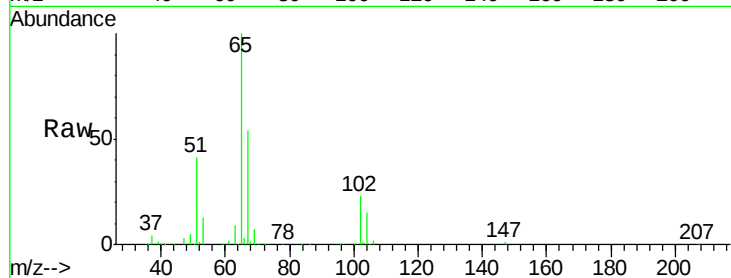




#33
 1,2-Dichloroethane-d4
 Concen: 54.83 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001458.D
 Acq: 31 Jan 2020 16:15

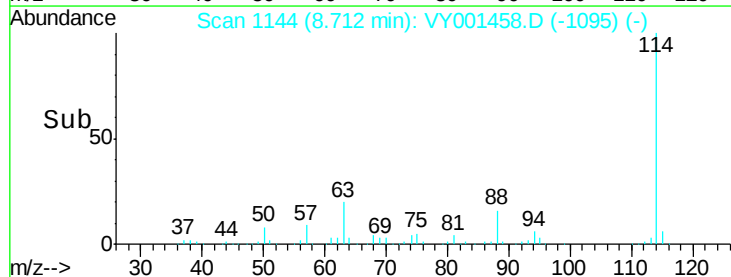
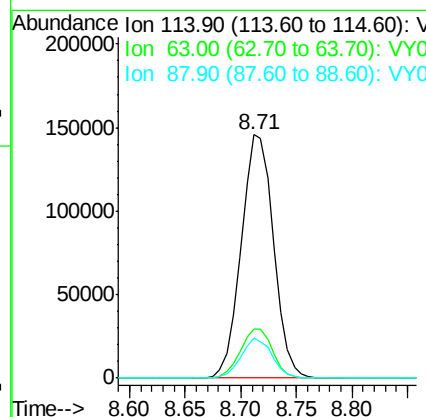
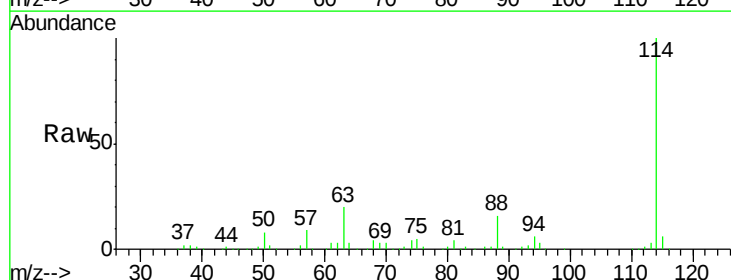
Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-2

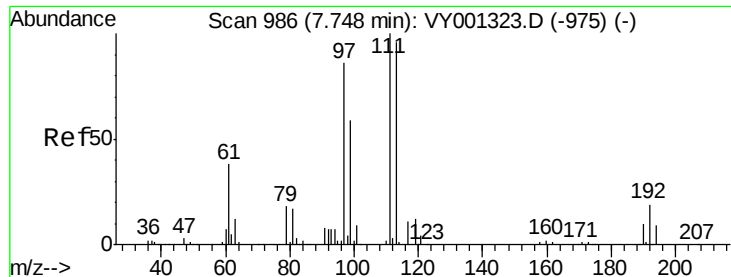
Tgt Ion: 65 Resp: 94395
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001458.D
 Acq: 31 Jan 2020 16:15

Tgt Ion: 114 Resp: 292911
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.4 0.0 31.0

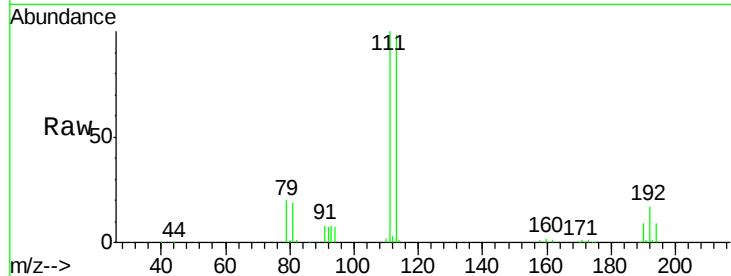




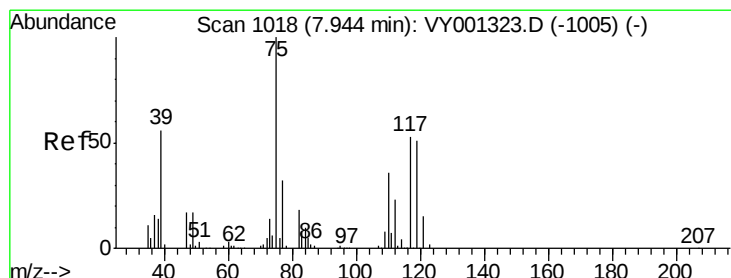
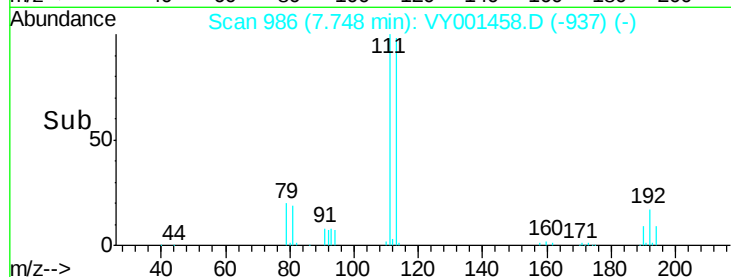
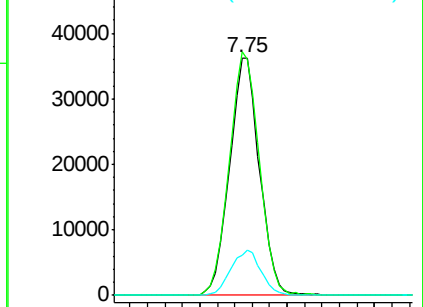
#35
 Dibromofluoromethane
 Concen: 49.97 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001458.D
 Acq: 31 Jan 2020 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-2

Tgt Ion: 113 Resp: 85911
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 19.3 15.5 23.3

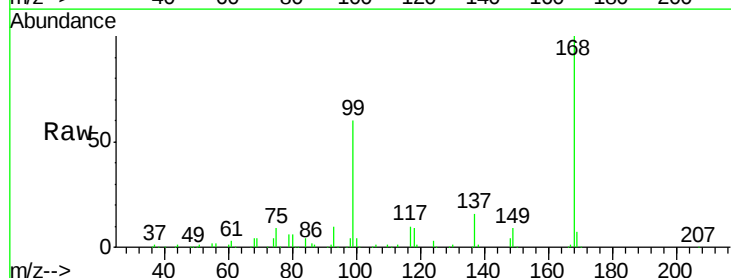


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

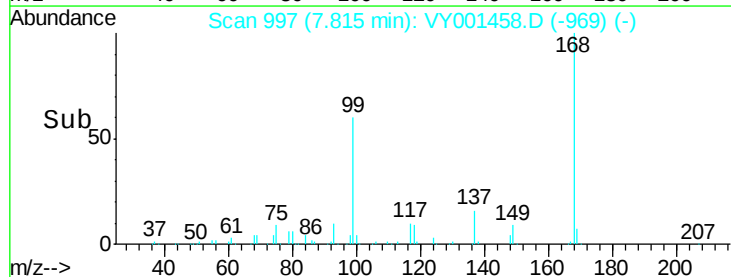
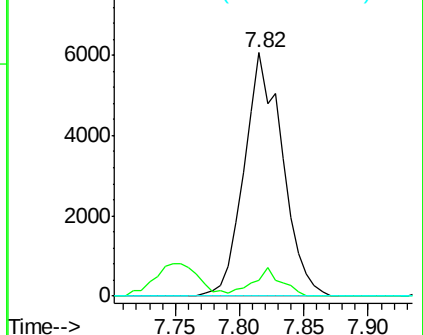


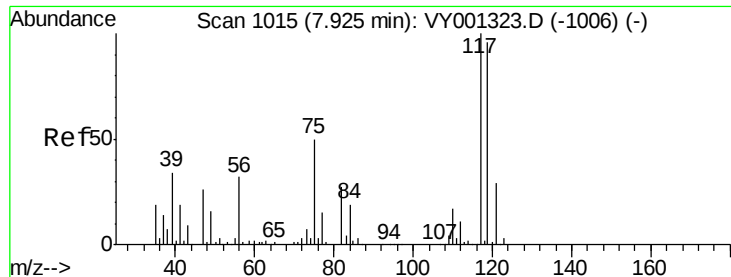
#36
 1,1-Dichloropropene
 Concen: 4.49 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001458.D
 Acq: 31 Jan 2020 16:15

Tgt Ion: 75 Resp: 12428
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.6 52.8#
 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

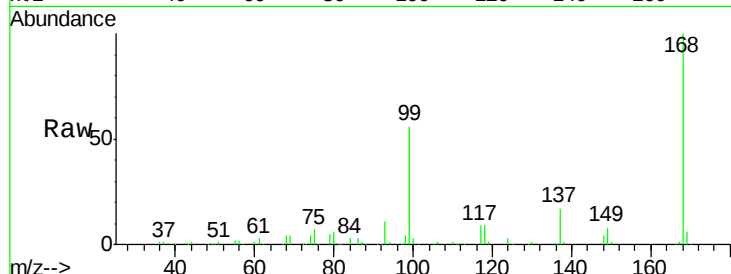




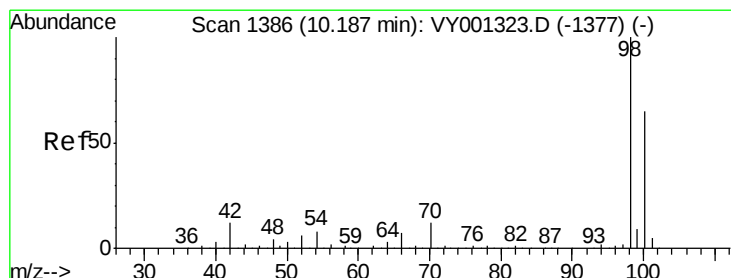
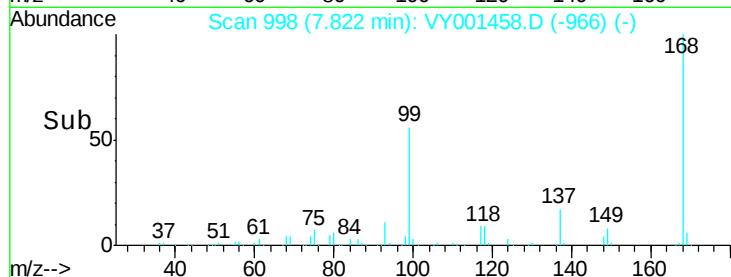
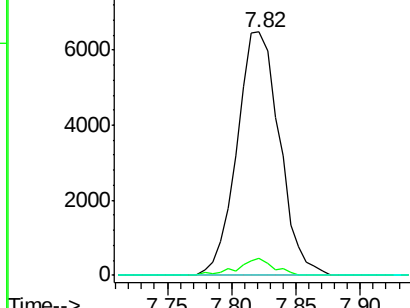
#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001458.D
Acq: 31 Jan 2020 16:15

Instrument :
MSVOA_Y
ClientSampleId :
TAL-2

Tgt Ion: 117 Resp: 14836
Ion Ratio Lower Upper
117 100
119 6.9 76.3 114.5#
121 0.0 23.5 35.3#

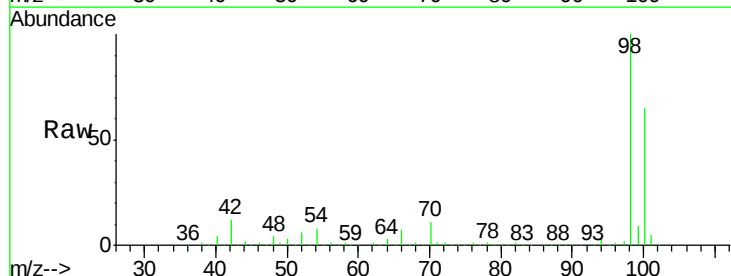


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

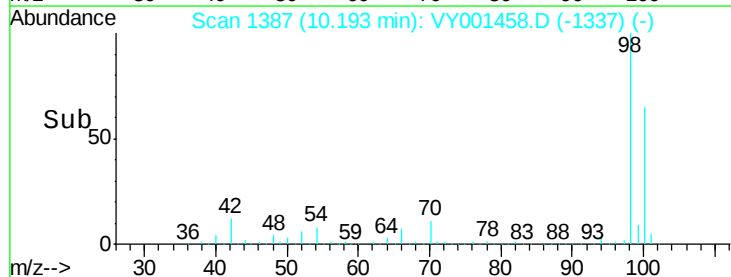
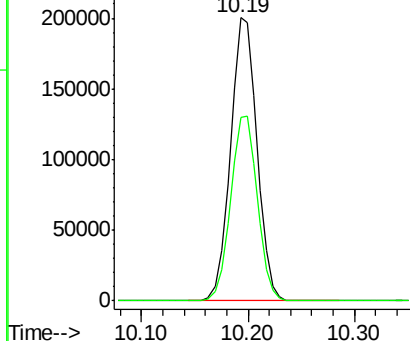


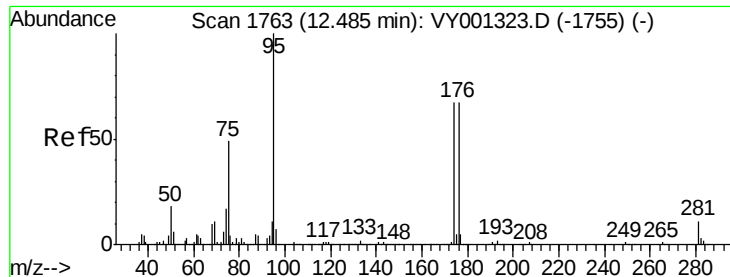
#50
Toluene-d8
Concen: 52.17 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001458.D
Acq: 31 Jan 2020 16:15

Tgt Ion: 98 Resp: 348482
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0



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

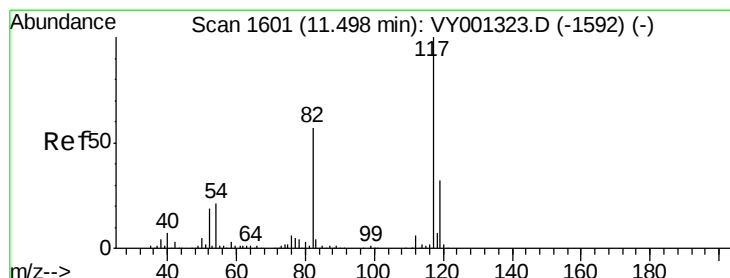
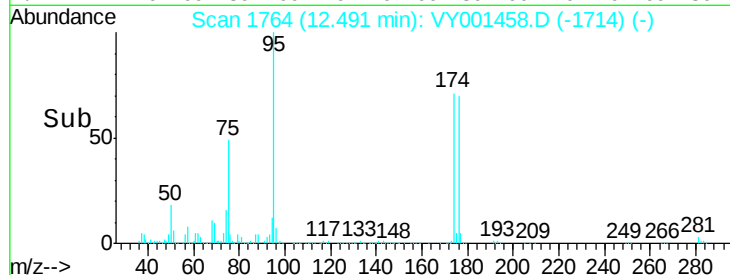
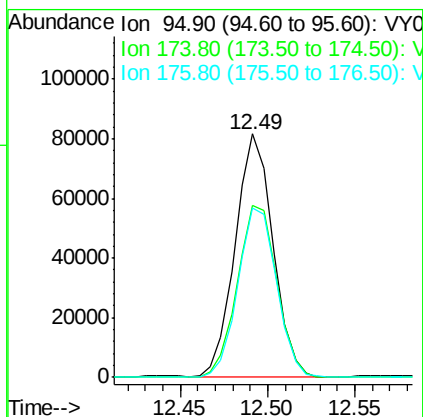
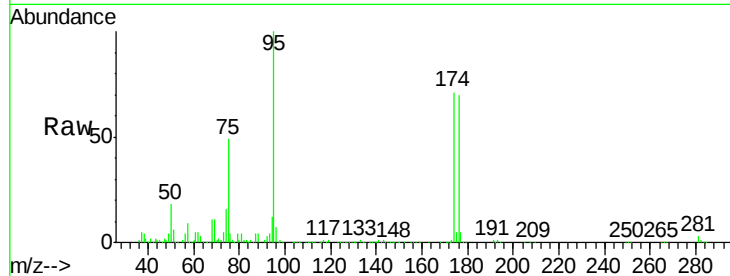




#62
4-Bromofluorobenzene
Concen: 45.96 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001458.D
Acq: 31 Jan 2020 16:15

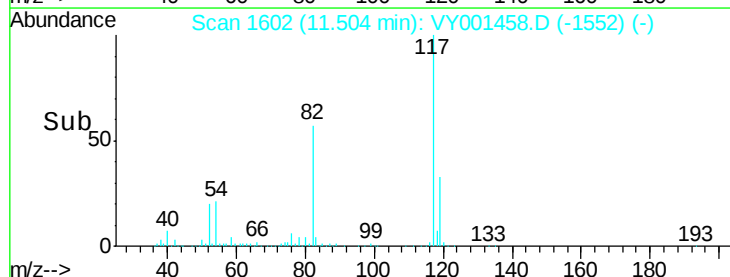
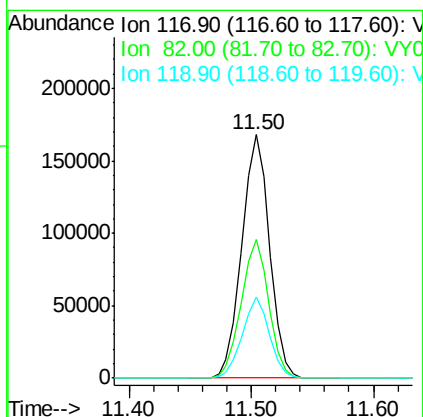
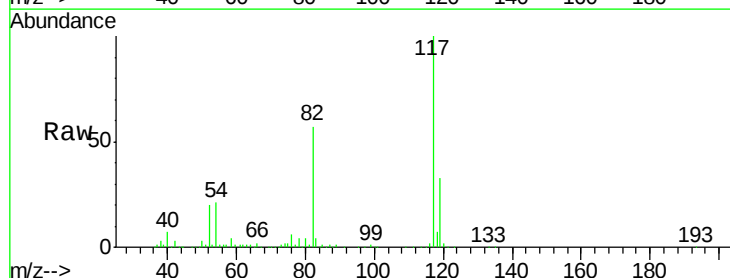
Instrument :
MSVOA_Y
ClientSampled :
TAL-2

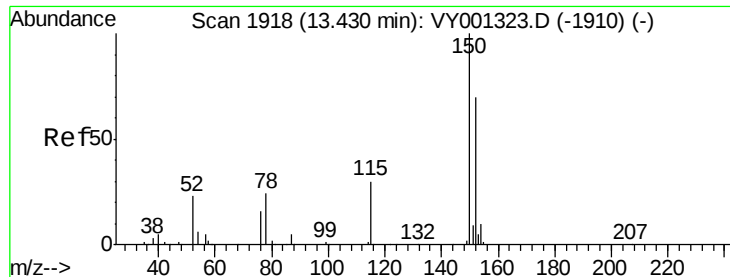
Tgt Ion: 95 Resp: 122251
Ion Ratio Lower Upper
95 100
174 74.4 0.0 142.0
176 71.6 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001458.D
Acq: 31 Jan 2020 16:15

Tgt Ion: 117 Resp: 264217
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 33.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampleId :

TAL-2

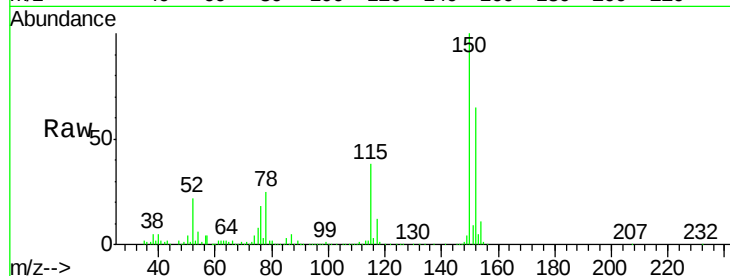
Tgt Ion:152 Resp: 111338

Ion Ratio Lower Upper

152 100

115 60.9 30.9 92.8

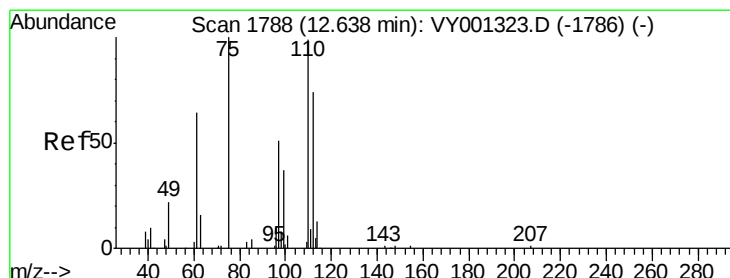
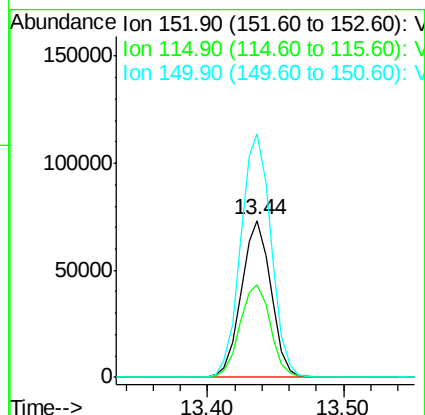
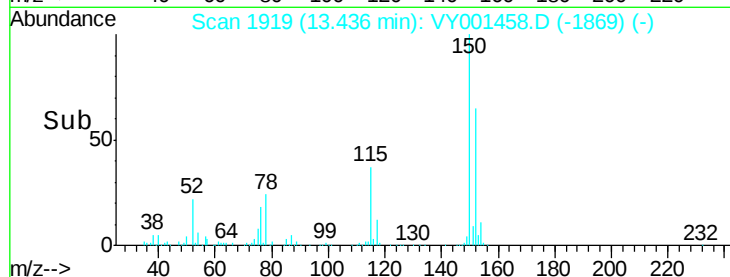
150 158.6 0.0 349.2



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: 45.50 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001458.D

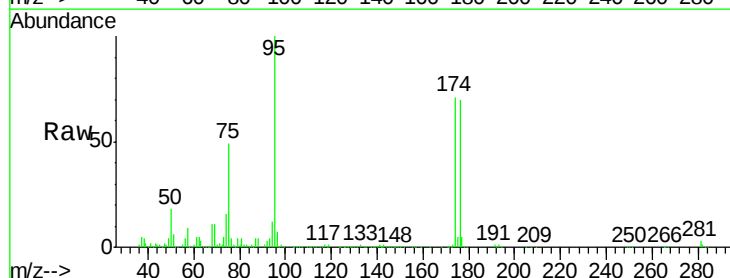
Acq: 31 Jan 2020 16:15

Tgt Ion: 75 Resp: 61040

Ion Ratio Lower Upper

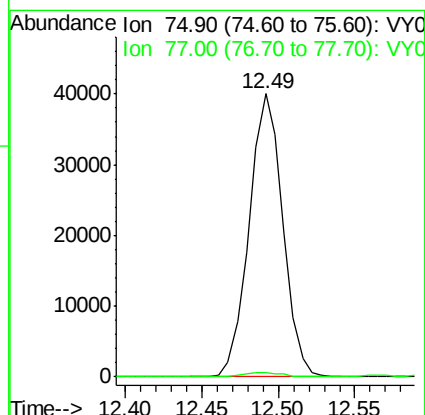
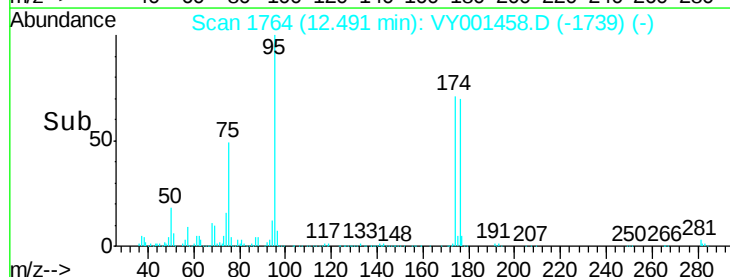
75 100

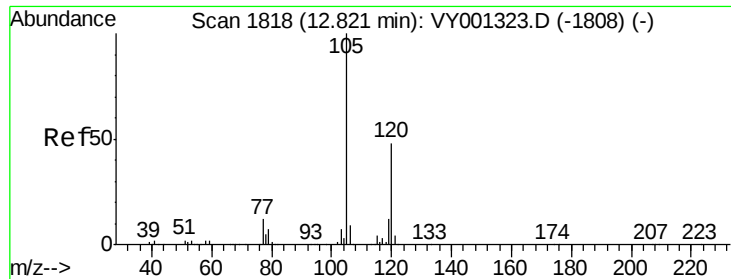
77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

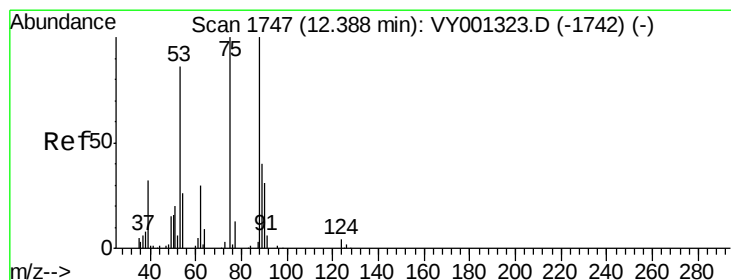
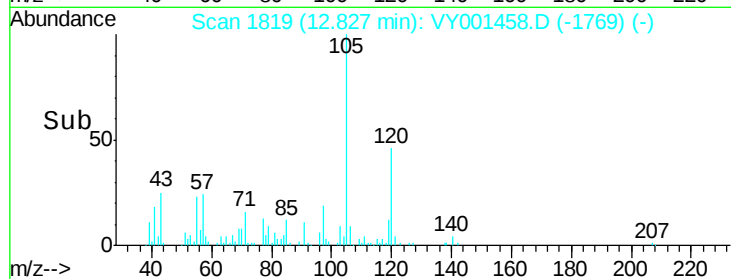
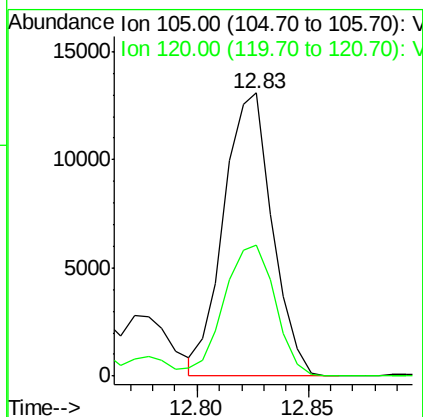
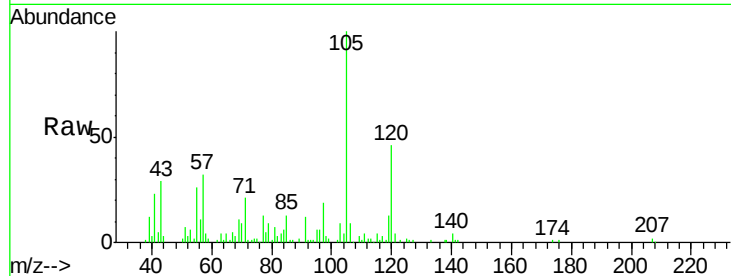




#80
 1,3,5-Trimethylbenzene
 Concen: 2.70 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001458.D
 Acq: 31 Jan 2020 16:15

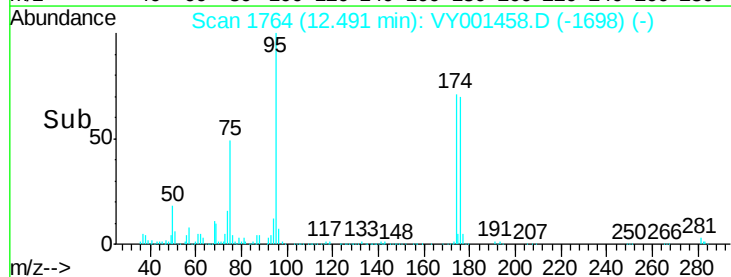
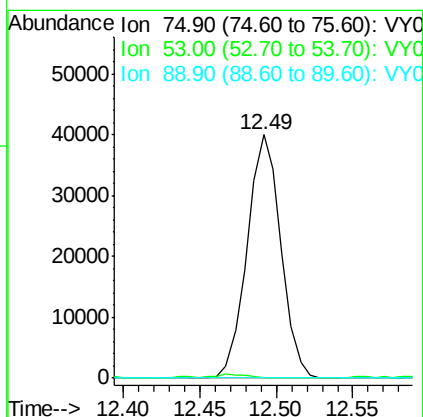
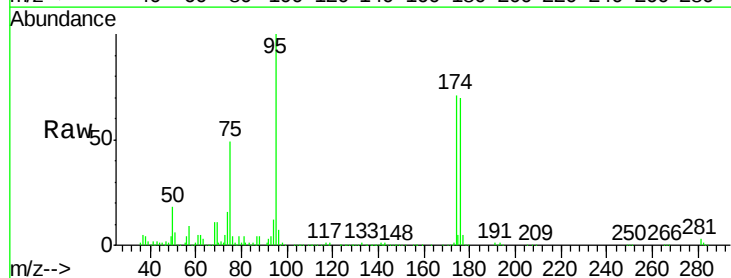
Instrument :
 MSVOA_Y
 ClientSampled :
 TAL-2

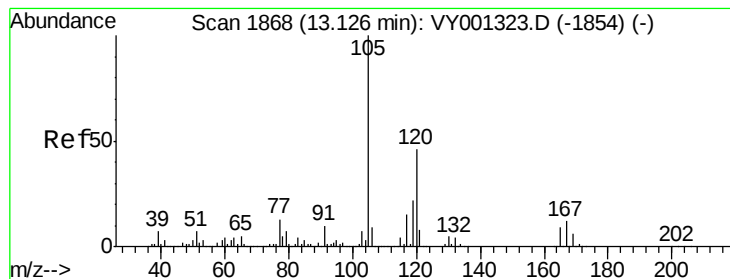
Tgt Ion: 105 Resp: 19811
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.10 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001458.D
 Acq: 31 Jan 2020 16:15

Tgt Ion: 75 Resp: 61040
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.9 104.9#
 89 0.0 36.6 54.8#





#84

1,2,4-Trimethylbenzene

Concen: 4.88 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

Instrument :

MSVOA_Y

ClientSampled :

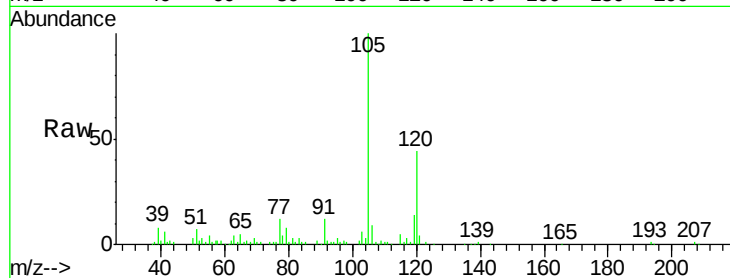
TAL-2

Tgt Ion:105 Resp: 35935

Ion Ratio Lower Upper

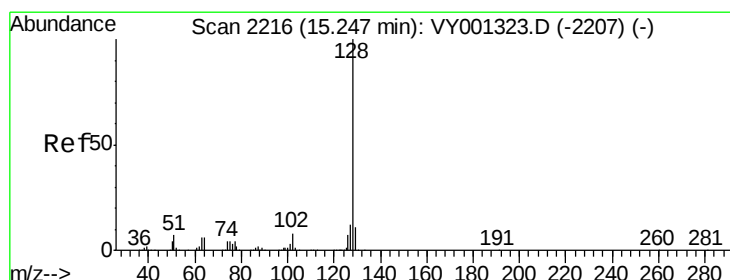
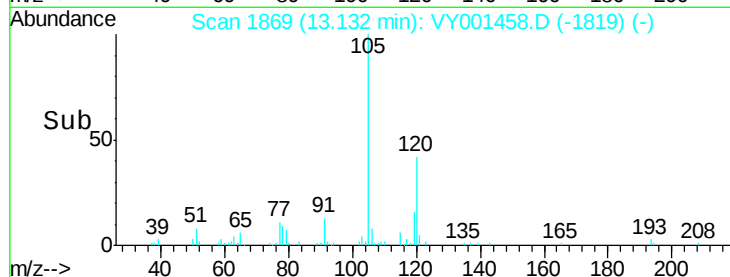
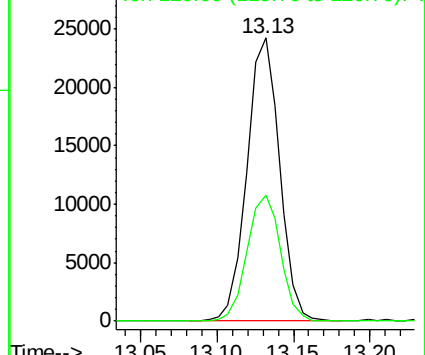
105 100

120 45.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 6.27 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001458.D

Acq: 31 Jan 2020 16:15

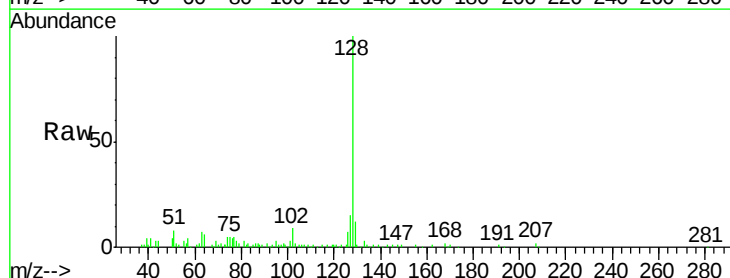
Tgt Ion:128 Resp: 33282

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.2

129 12.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

