

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022620\
 Data File : VY001779.D
 Acq On : 26 Feb 2020 12:52
 Operator : SY/MD
 Sample : L1679-03
 Misc : 7.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-12-12.5

Quant Time: Feb 26 15:32:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	18616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	31865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	25750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	10500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	9696	48.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.74	113	8501	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	10.19	98	36411	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.49	95	11116	40.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.04%	

Target Compounds						Qvalue
3) Chloromethane	2.12	50	257	1.05	ug/l	# 42
11) Tert butyl alcohol	4.99	59	72	Below	Cal	# 74
16) Acetone	3.98	43	317	4.58	ug/l	# 41
20) Methylene Chloride	4.74	84	362	1.47	ug/l	# 70
31) Cyclohexane	7.80	56	502	1.19	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	1604	5.27	ug/l	# 47
38) Carbon Tetrachloride	7.81	117	1979	7.40	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.19	43	271	1.53	ug/l	# 1
76) 1,2,3-Trichloropropane	12.49	75	5714	47.44	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	5714	90.00	ug/l	# 17
95) Naphthalene	15.23	128	478	1.01	ug/l	# 82

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\DATA\VY022620\
Data File : VY001779.D
Acq On    : 26 Feb 2020   12:52
Operator  : SY/MD
Sample    : L1679-03
Misc      : 7.41G/5ML/MSV0A_Y/SOIL
ALS Vial  : 8      Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001779.D

Acq: 26 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

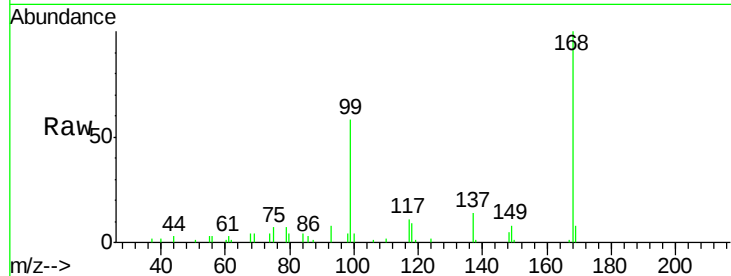
SB-3-12-12.5

Tgt Ion:168 Resp: 18616

Ion Ratio Lower Upper

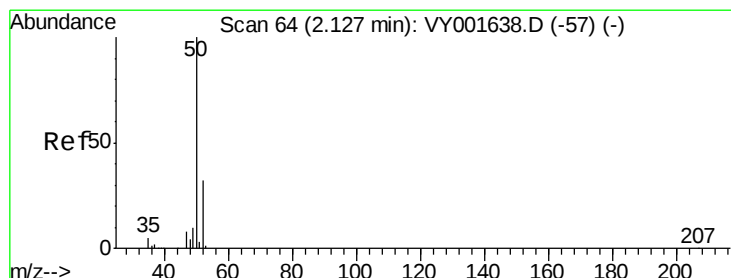
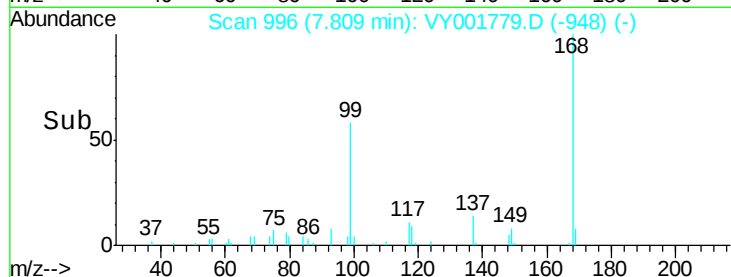
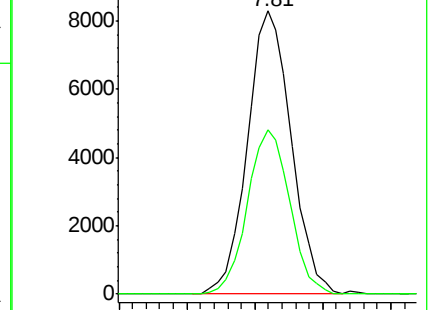
168 100

99 58.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001779.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001779.D (-948) (-)



#3

Chloromethane

Concen: 1.05 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001779.D

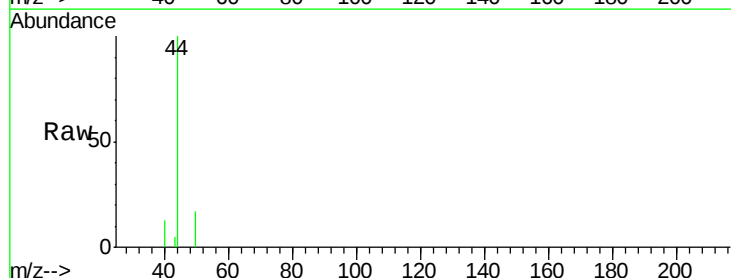
Acq: 26 Feb 2020 12:52

Tgt Ion: 50 Resp: 257

Ion Ratio Lower Upper

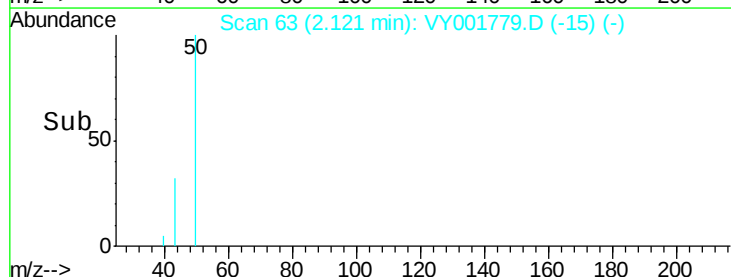
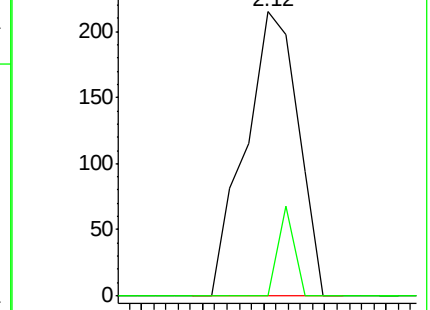
50 100

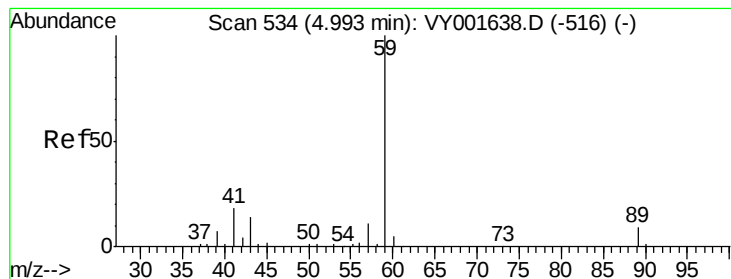
52 0.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY001779.D (-15) (-)

Ion 51.90 (51.60 to 52.60): VY001779.D (-15) (-)



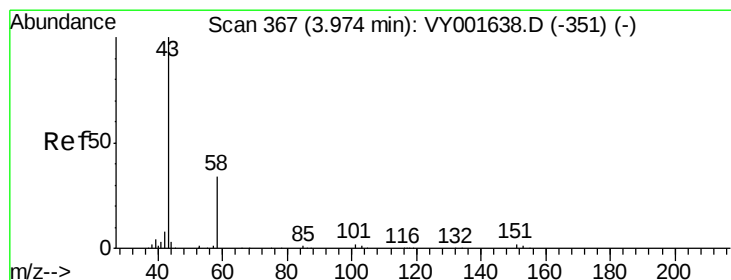
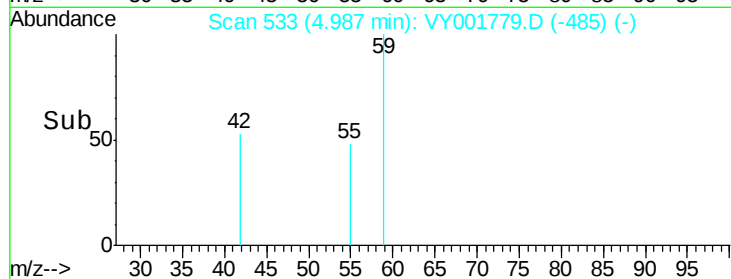
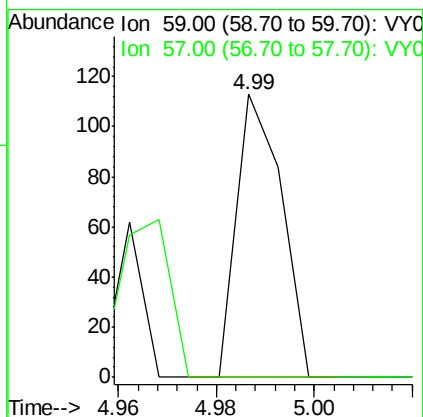
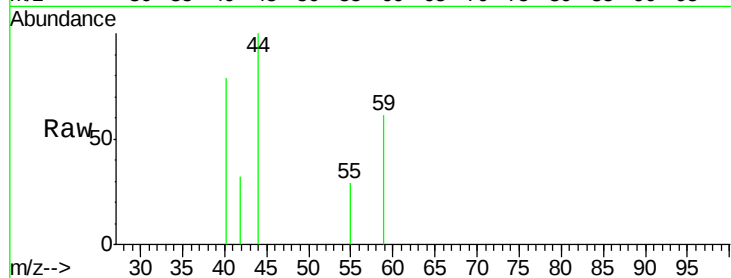


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001779.D
 Acq: 26 Feb 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-3-12-12.5

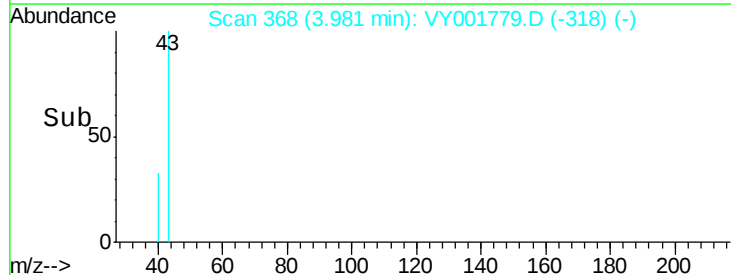
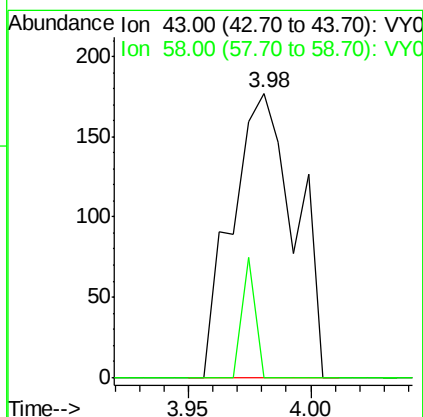
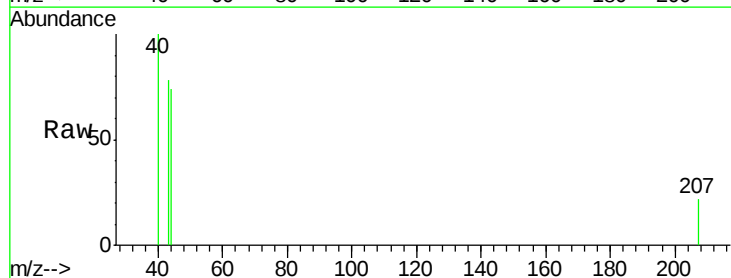
Tgt Ion: 59 Resp: 72
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

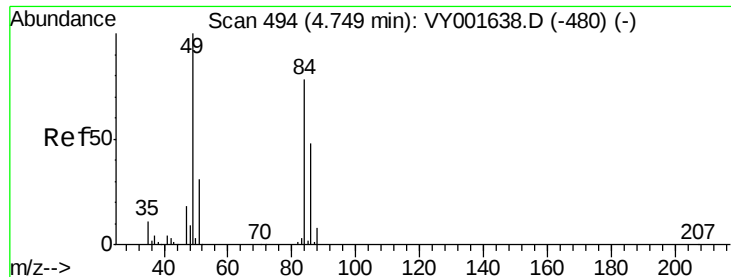


#16

Acetone
 Concen: 4.58 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VY001779.D
 Acq: 26 Feb 2020 12:52

Tgt Ion: 43 Resp: 317
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.3 40.9#

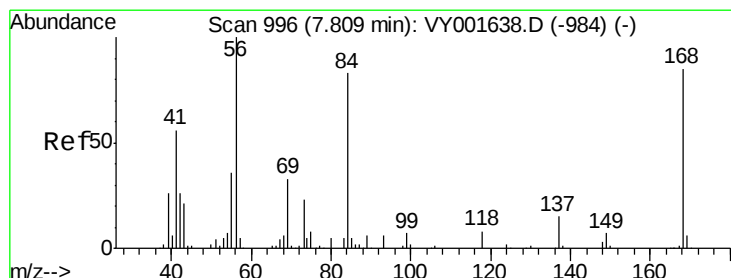
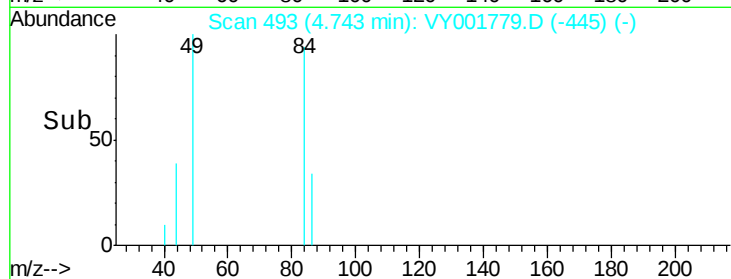
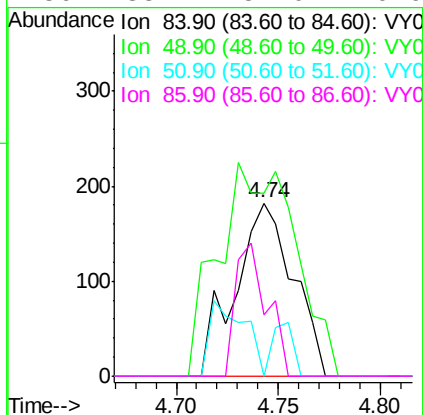
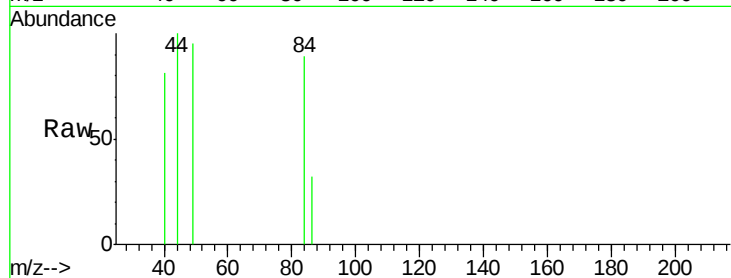




#20
Methylene Chloride
Concen: 1.47 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001779.D
Acq: 26 Feb 2020 12:52

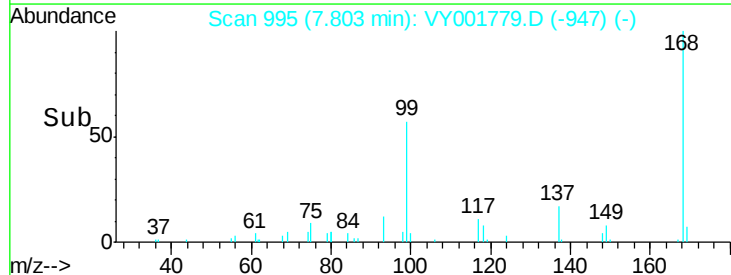
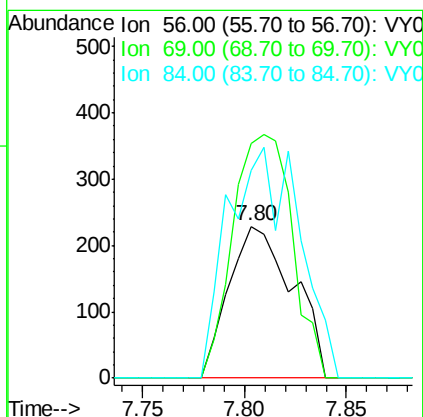
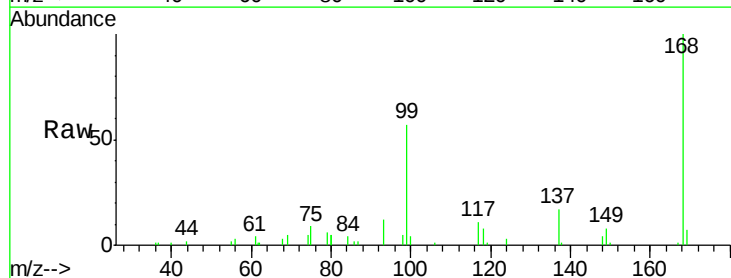
Instrument :
MSVOA_Y
ClientSampled :
SB-3-12-12.5

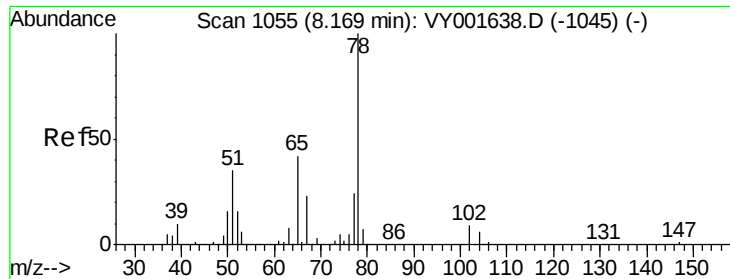
Tgt Ion: 84 Resp: 362
Ion Ratio Lower Upper
84 100
49 106.0 99.2 148.8
51 0.0 31.5 47.3#
86 35.7 51.0 76.6#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001779.D
Acq: 26 Feb 2020 12:52

Tgt Ion: 56 Resp: 502
Ion Ratio Lower Upper
56 100
69 154.1 25.1 37.7#
84 136.7 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.42 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001779.D

Acq: 26 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

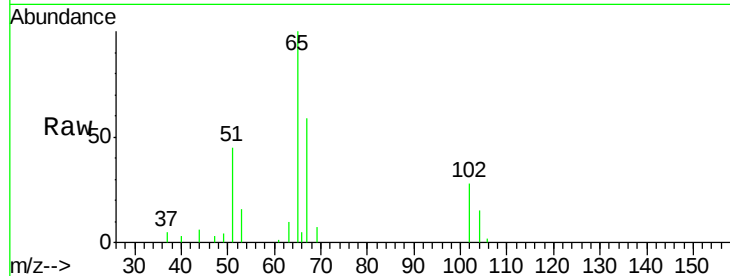
SB-3-12-12.5

Tgt Ion: 65 Resp: 9696

Ion Ratio Lower Upper

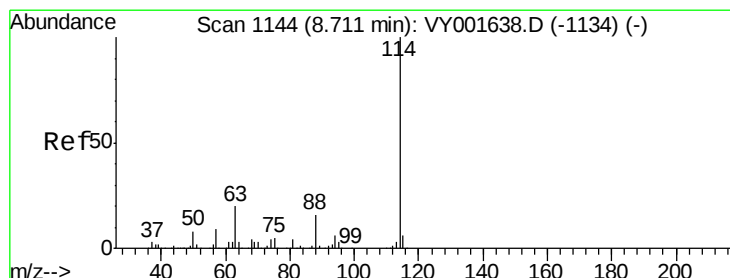
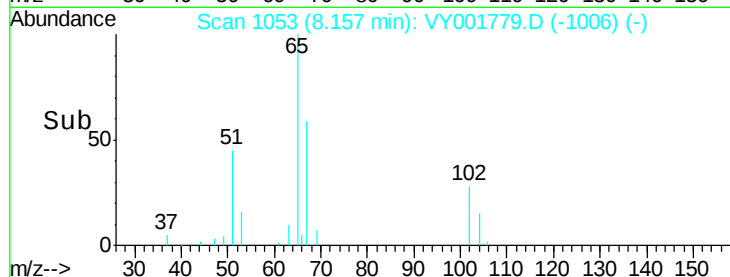
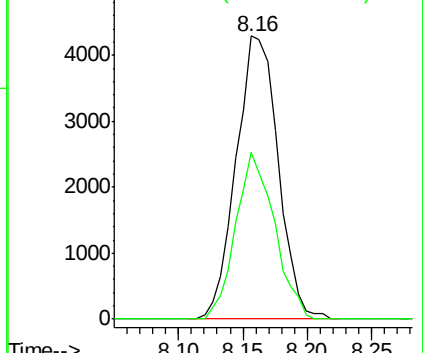
65 100

67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001779.D

Acq: 26 Feb 2020 12:52

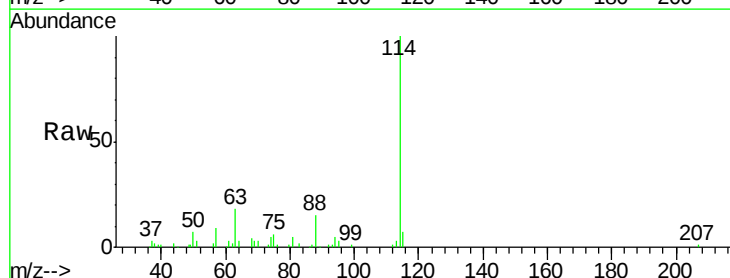
Tgt Ion: 114 Resp: 31865

Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.4

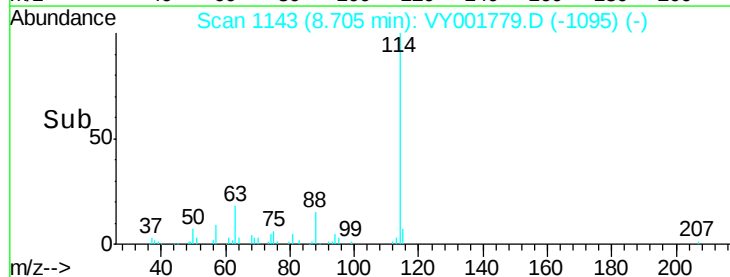
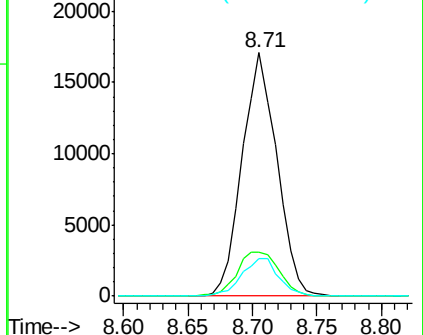
88 15.4 0.0 32.8

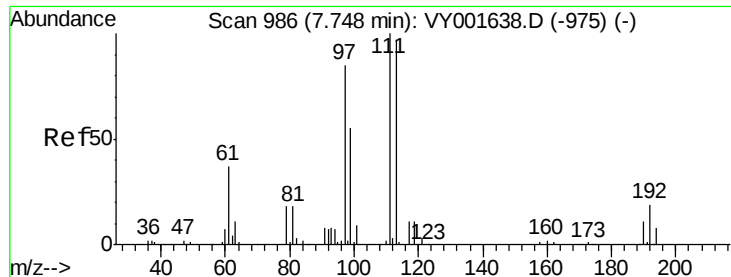


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 46.58 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001779.D

Acq: 26 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-12-12.5

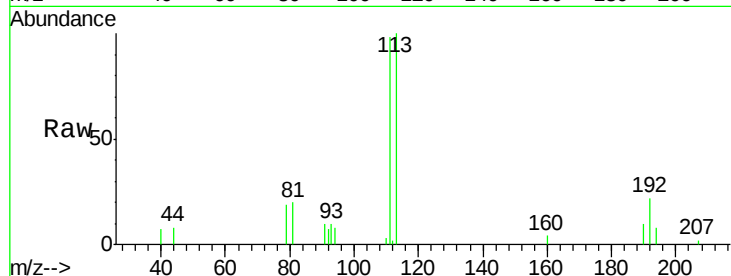
Tgt Ion:113 Resp: 8501

Ion Ratio Lower Upper

113 100

111 99.6 81.9 122.9

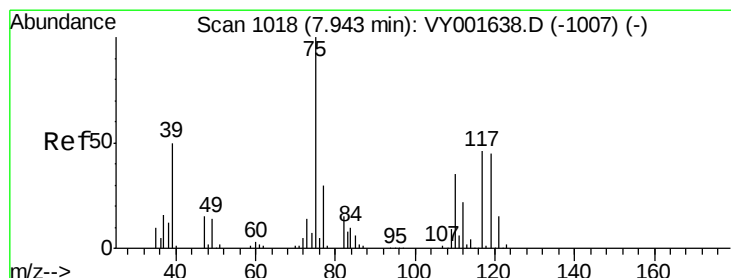
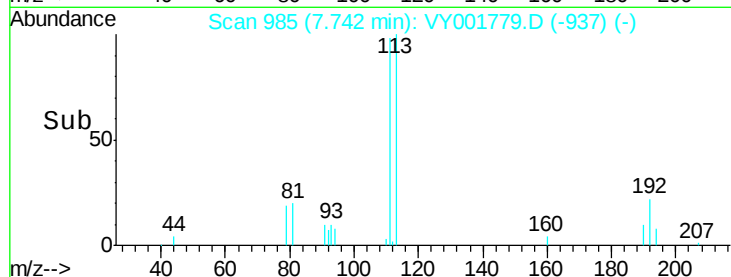
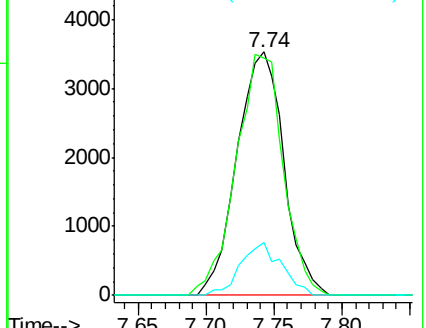
192 18.8 14.3 21.5



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: 5.27 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.14 min

Lab File: VY001779.D

Acq: 26 Feb 2020 12:52

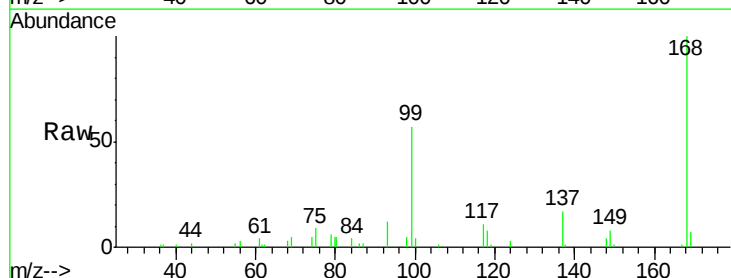
Tgt Ion: 75 Resp: 1604

Ion Ratio Lower Upper

75 100

110 5.2 17.2 51.6#

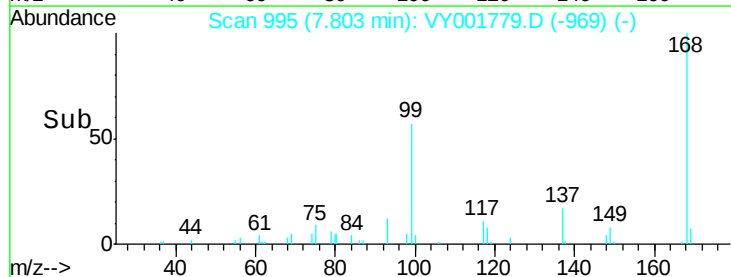
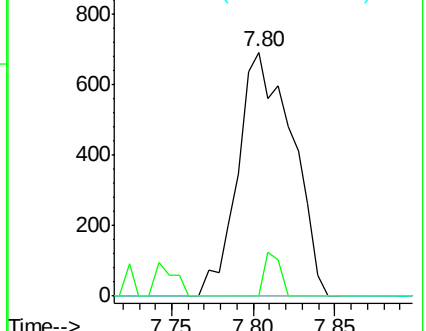
77 0.0 24.8 37.2#

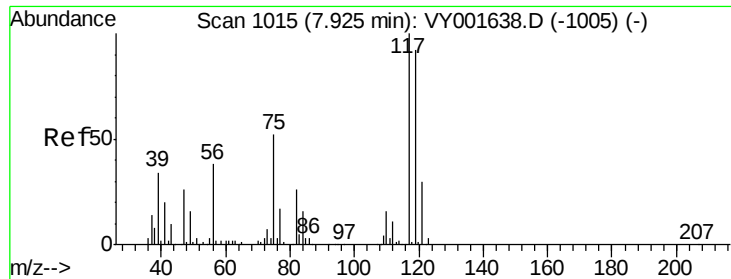


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

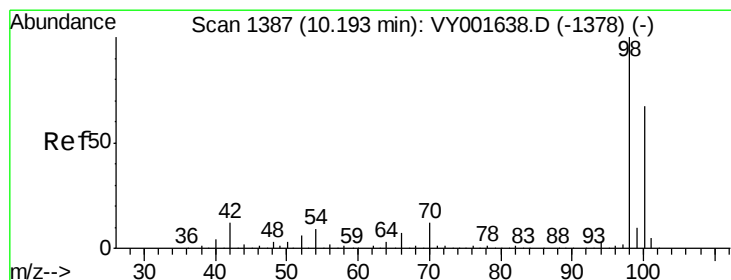
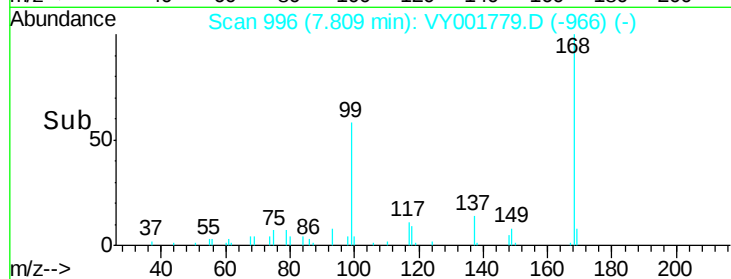
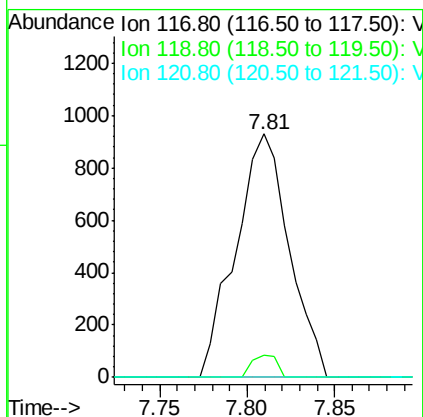
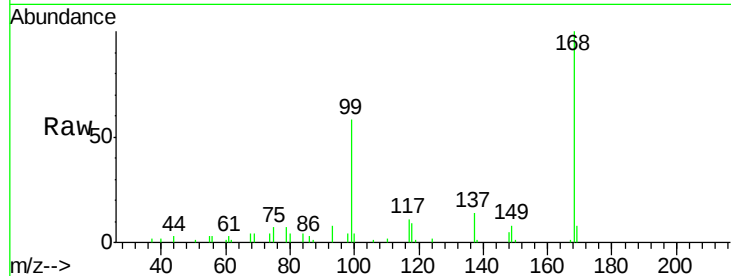




#38
Carbon Tetrachloride
Concen: 7.40 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001779.D
Acq: 26 Feb 2020 12:52

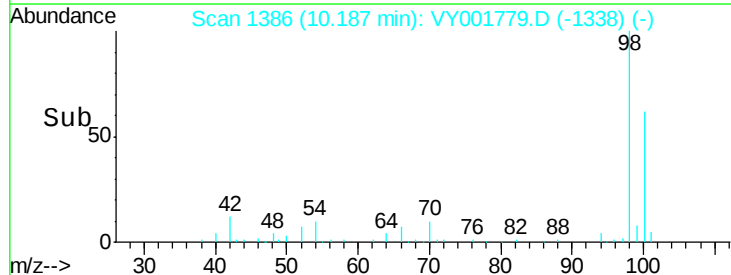
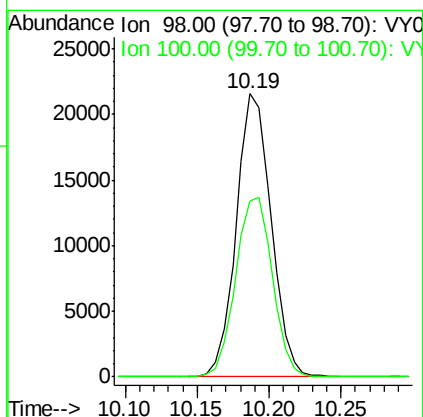
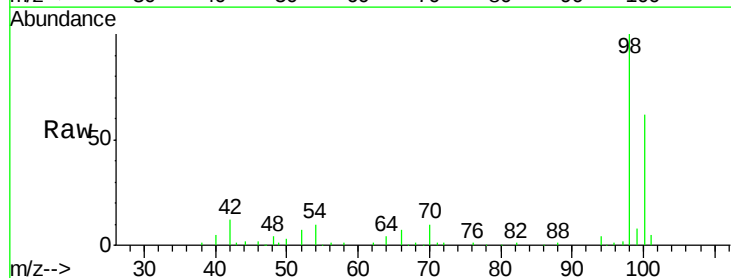
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-12-12.5

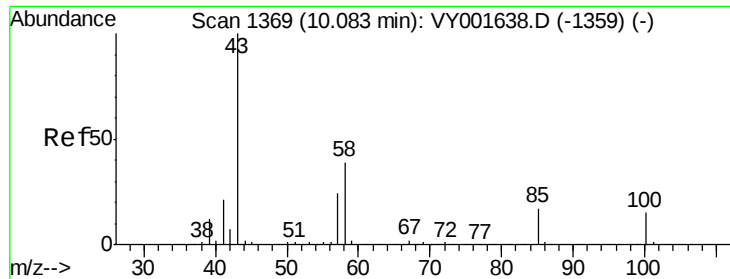
Tgt Ion: 117 Resp: 1979
Ion Ratio Lower Upper
117 100
119 9.2 74.8 112.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.92 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001779.D
Acq: 26 Feb 2020 12:52

Tgt Ion: 98 Resp: 36411
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

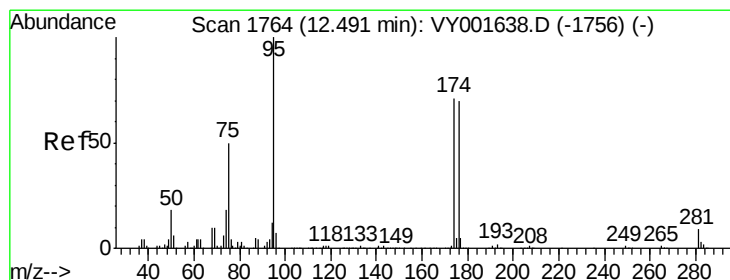
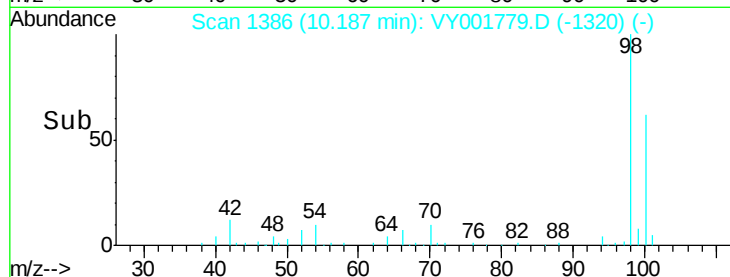
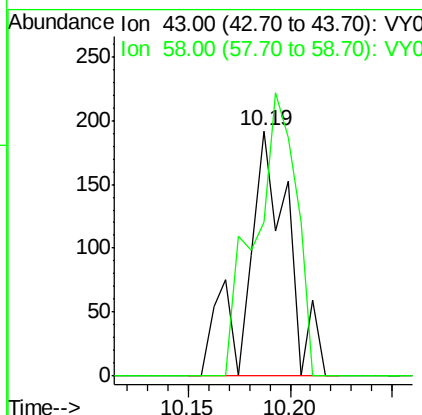
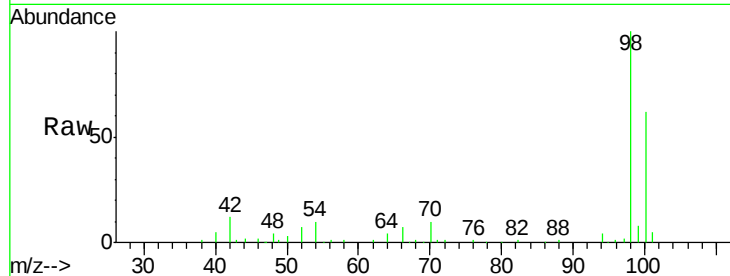




#51
 4-Methyl-2-Pentanone
 Concen: 1.53 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.10 min
 Lab File: VY001779.D
 Acq: 26 Feb 2020 12:52

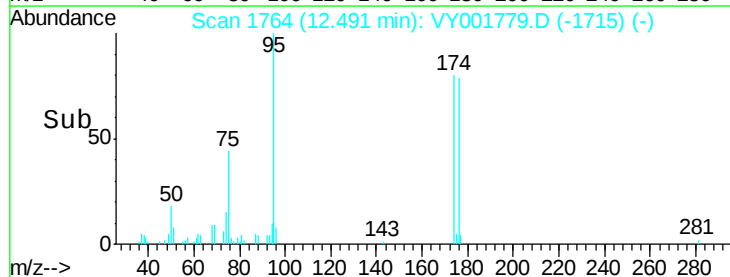
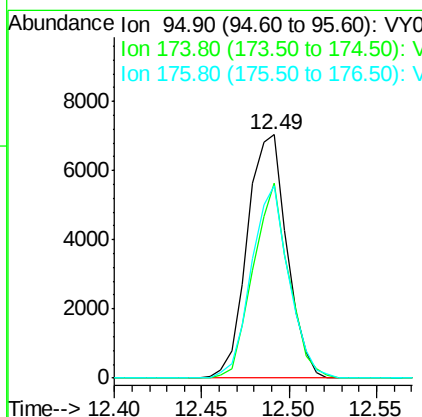
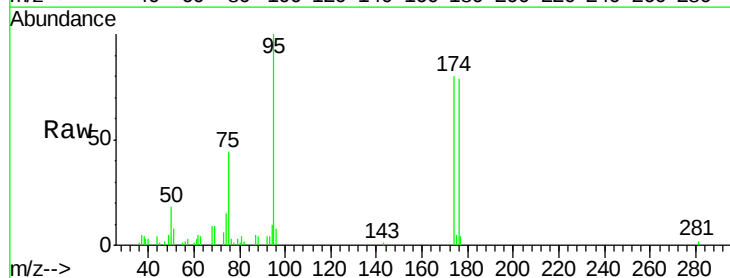
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-12-12.5

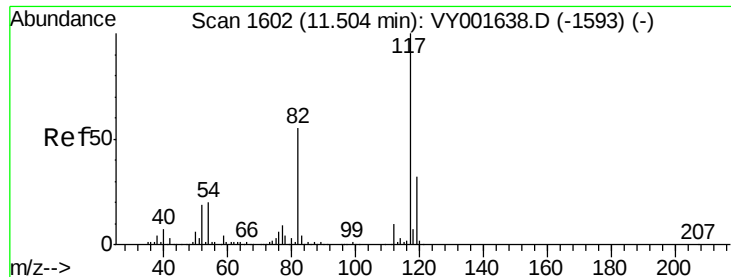
Tgt Ion: 43 Resp: 271
 Ion Ratio Lower Upper
 43 100
 58 115.9 32.2 48.4#



#62
 4-Bromofluorobenzene
 Concen: 40.02 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001779.D
 Acq: 26 Feb 2020 12:52

Tgt Ion: 95 Resp: 11116
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 138.4
 176 74.5 0.0 131.8

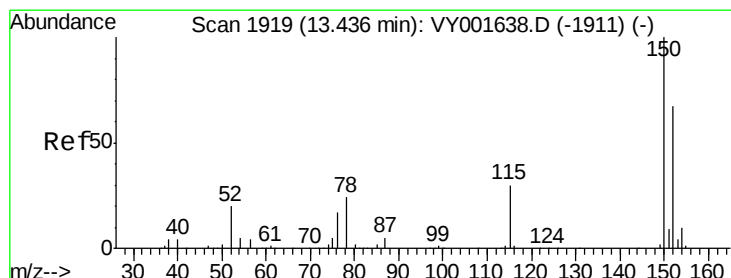
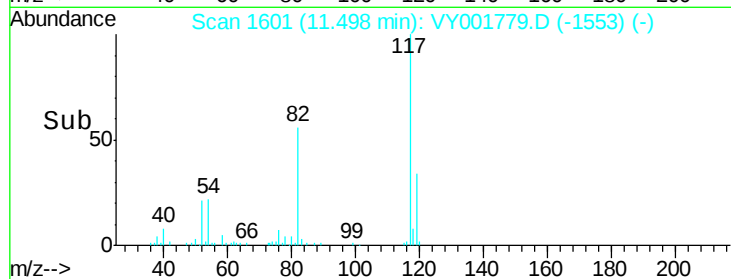
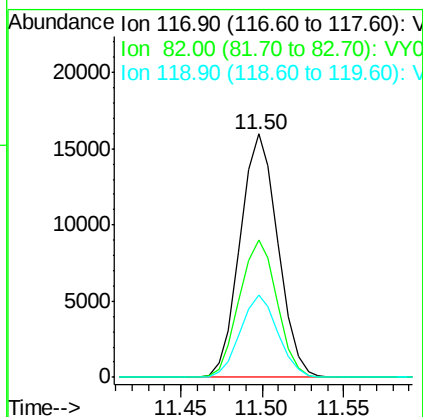
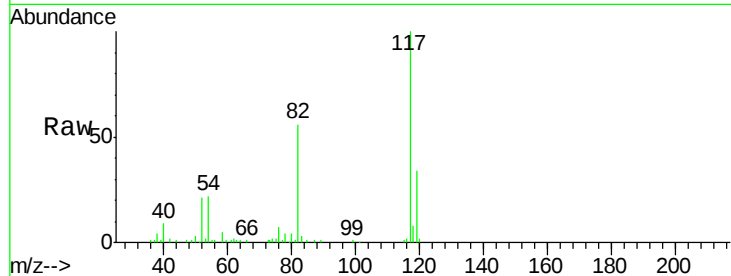




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001779.D
Acq: 26 Feb 2020 12:52

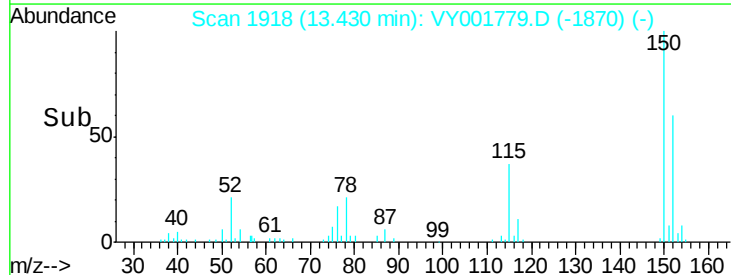
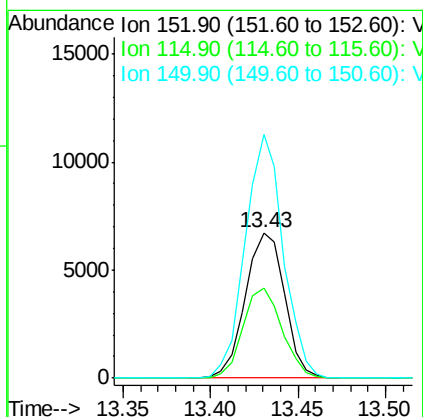
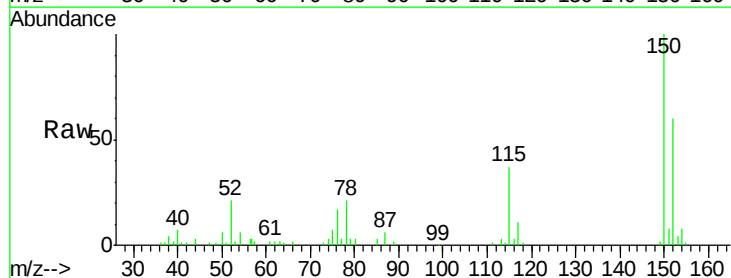
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-12-12.5

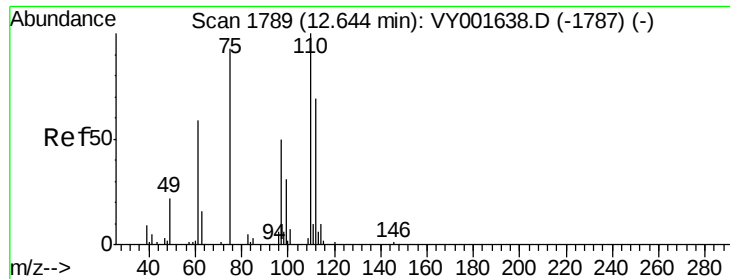
Tgt Ion:117 Resp: 25750
Ion Ratio Lower Upper
117 100
82 56.4 45.5 68.3
119 33.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001779.D
Acq: 26 Feb 2020 12:52

Tgt Ion:152 Resp: 10500
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.2
150 161.7 0.0 407.2

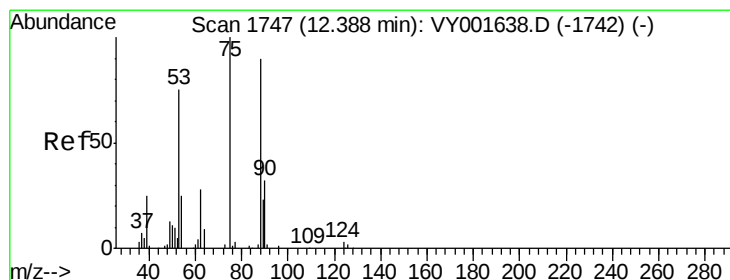
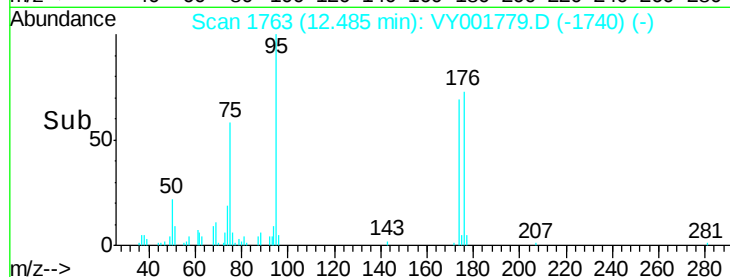
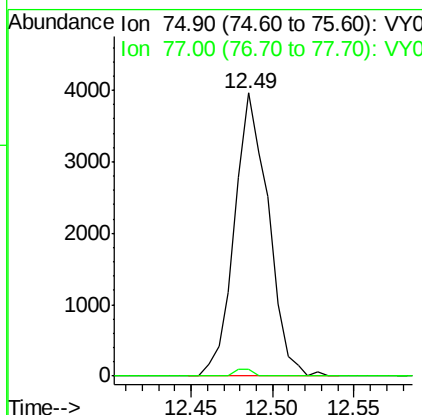
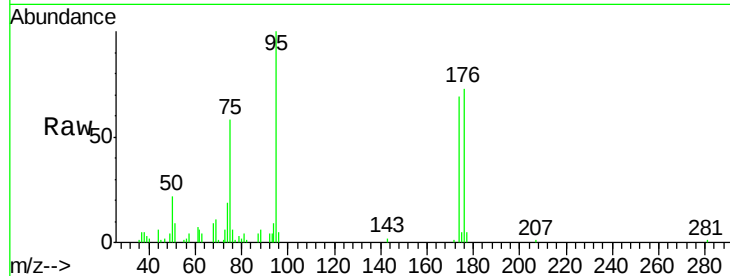




#76
 1,2,3-Trichloropropane
 Concen: 47.44 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY001779.D
 Acq: 26 Feb 2020 12:52

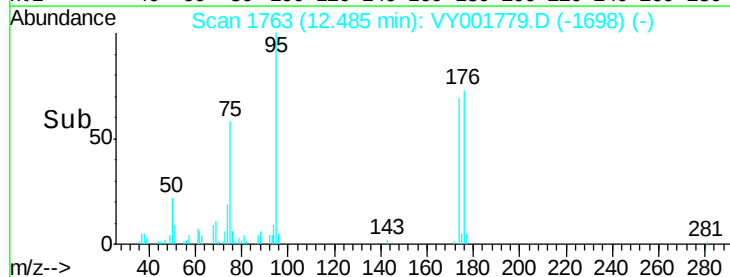
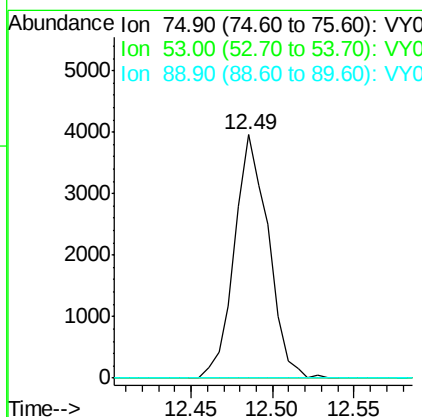
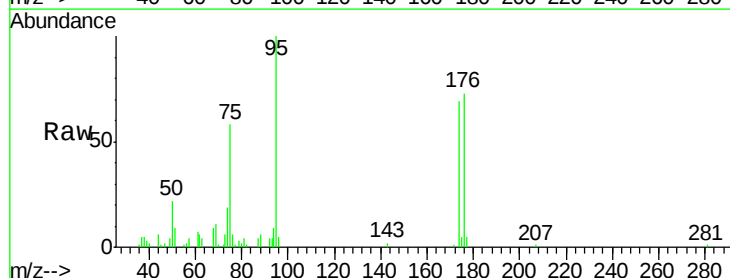
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-12-12.5

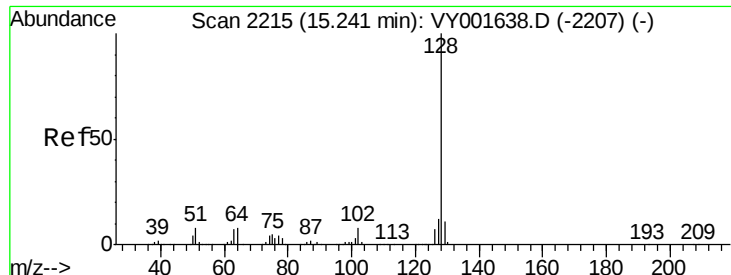
Tgt Ion: 75 Resp: 5714
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.00 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001779.D
 Acq: 26 Feb 2020 12:52

Tgt Ion: 75 Resp: 5714
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.0 36.3 54.5#





#95

Naphthalene

Concen: 1.01 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.01 min

Lab File: VY001779.D

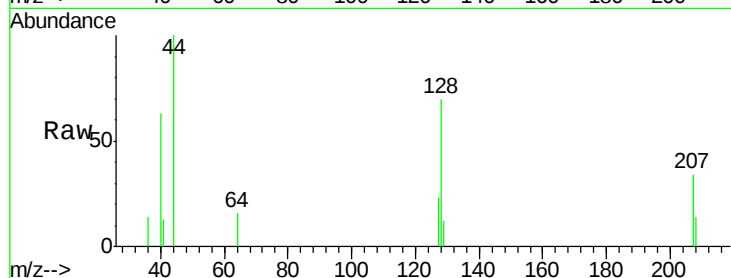
Acq: 26 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-12-12.5



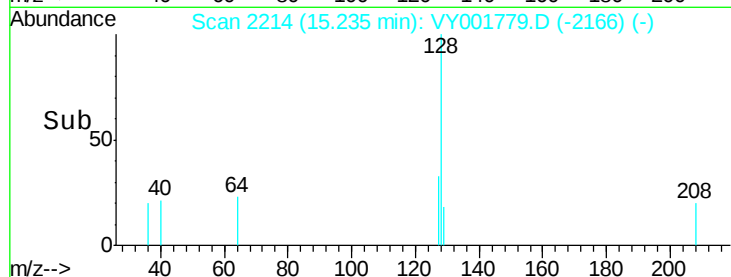
Tgt Ion:128 Resp: 478

Ion Ratio Lower Upper

128 100

127 20.3 9.9 14.9#

129 4.6 8.6 13.0#



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

