

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001067.D
 Acq On : 26 Dec 2019 13:24
 Operator : SY/MD
 Sample : K6431-02
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Dec 27 02:09:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

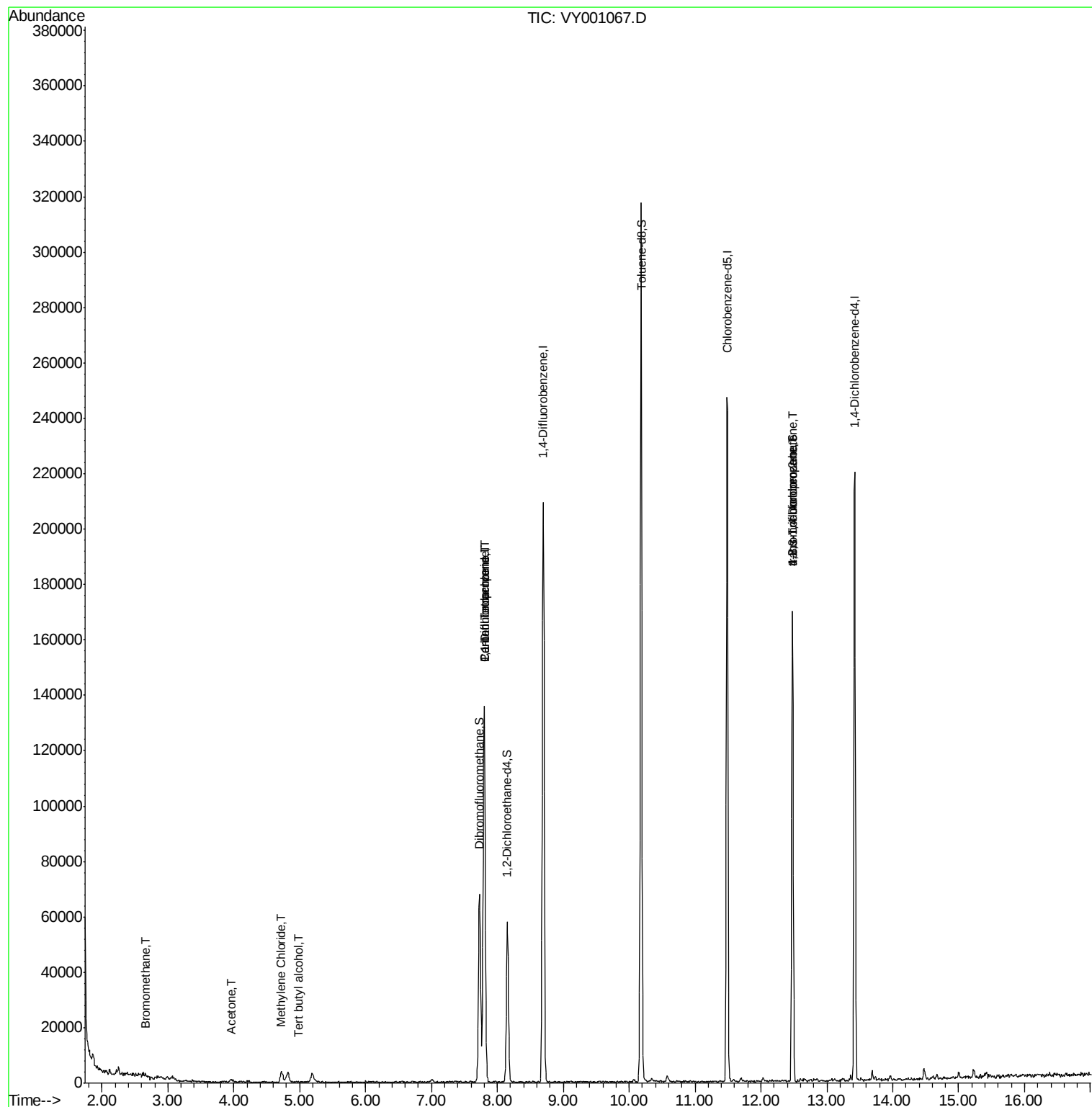
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	110635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	183654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	139117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	57239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	42479	38.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.86%	
35) Dibromofluoromethane	7.73	113	48423	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
50) Toluene-d8	10.18	98	208371	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.48	95	56823	36.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.54%	
Target Compounds						
5) Bromomethane	2.66	94	349	1.129	ug/l	86
11) Tert butyl alcohol	4.98	59	145	1.209	ug/l #	74
16) Acetone	3.95	43	1548	6.158	ug/l #	77
20) Methylene Chloride	4.72	84	2720	1.838	ug/l #	78
36) 1,1-Dichloropropene	7.80	75	8654	4.939	ug/l #	46
38) Carbon Tetrachloride	7.80	117	11117	7.242	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	26492	37.543	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	26492	80.071	ug/l #	19

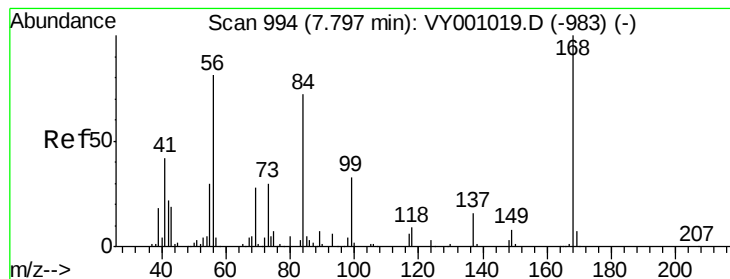
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

Instrument :

MSVOA_Y

ClientSampleId :

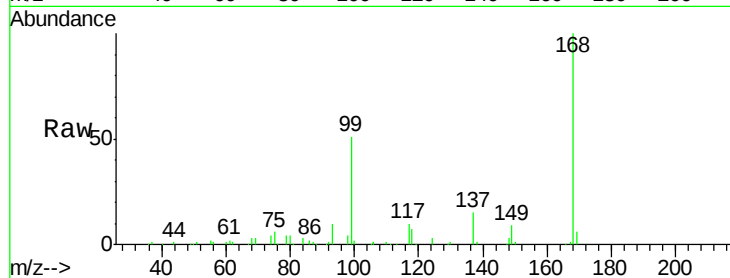
SB-4-(0-2)

Tgt Ion:168 Resp: 110635

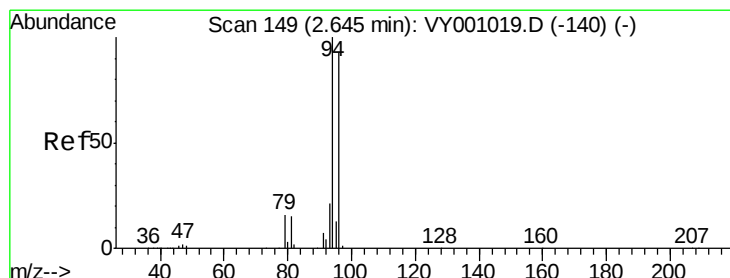
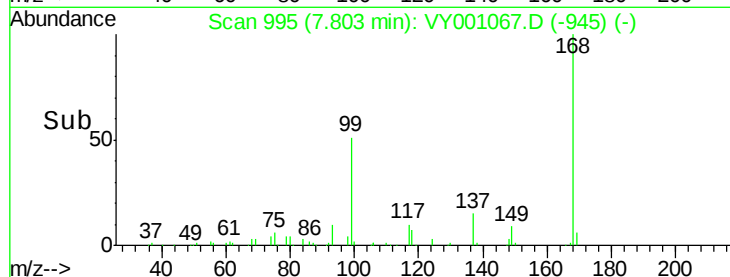
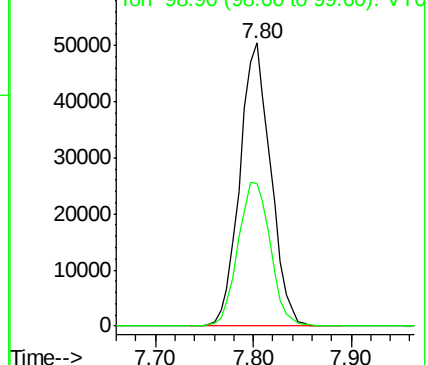
Ion Ratio Lower Upper

168 100

99 50.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)



#5

Bromomethane

Concen: 1.129 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY001067.D

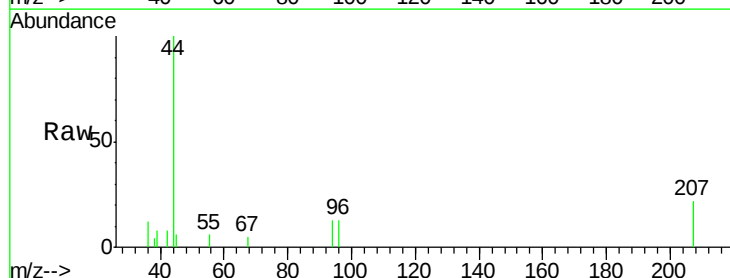
Acq: 26 Dec 2019 13:24

Tgt Ion: 94 Resp: 349

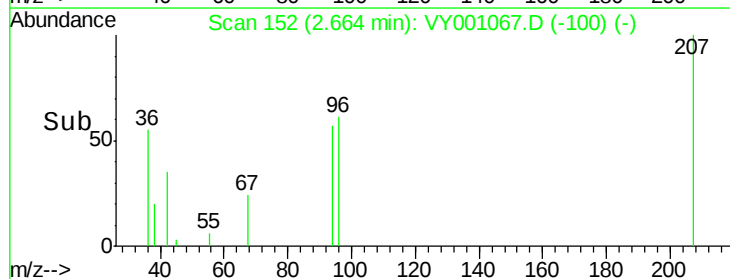
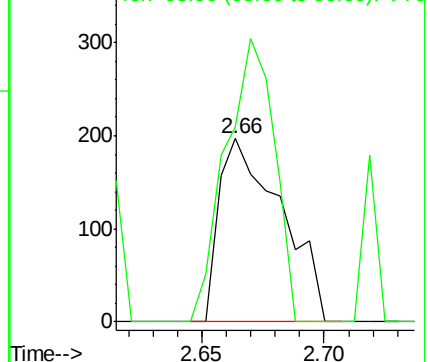
Ion Ratio Lower Upper

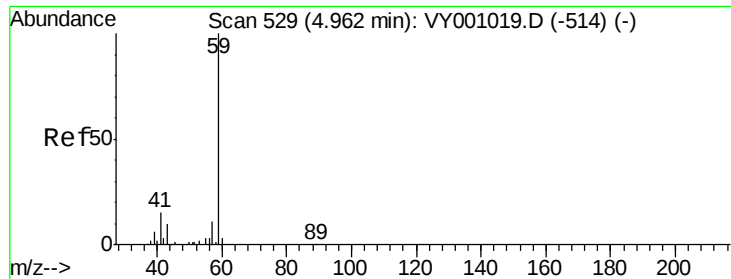
94 100

96 106.1 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY001019.D (-140) (-)

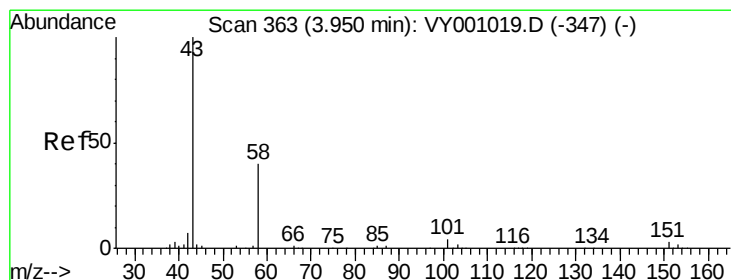
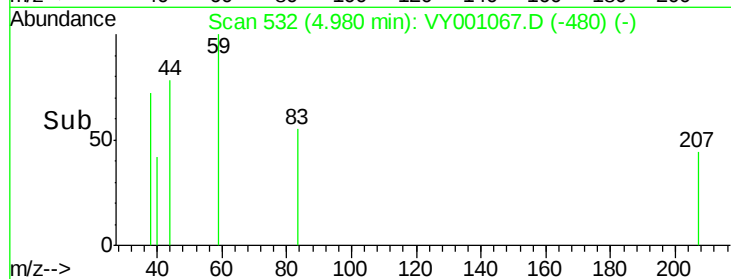
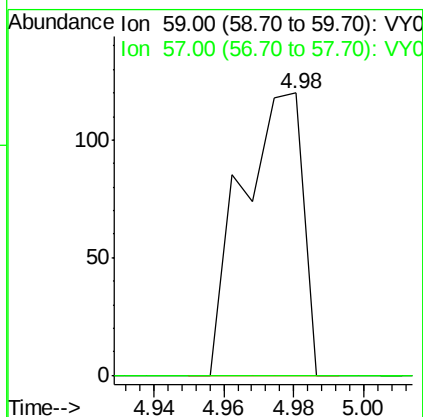
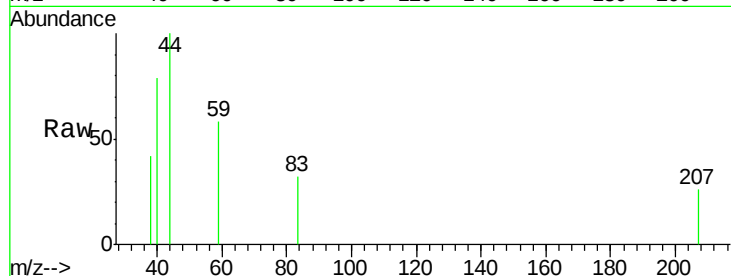




#11
Tert butyl alcohol
Concen: 1.209 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.02 min
Lab File: VY001067.D
Acq: 26 Dec 2019 13:24

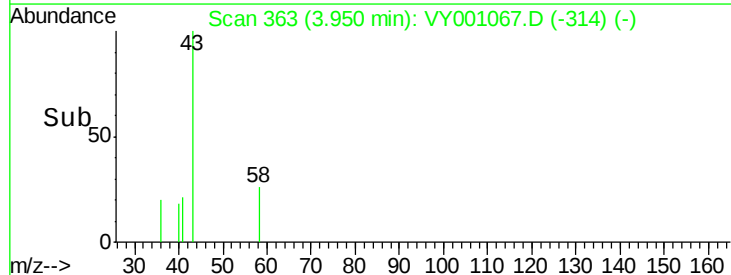
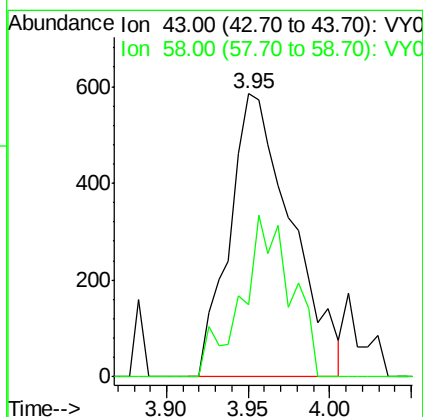
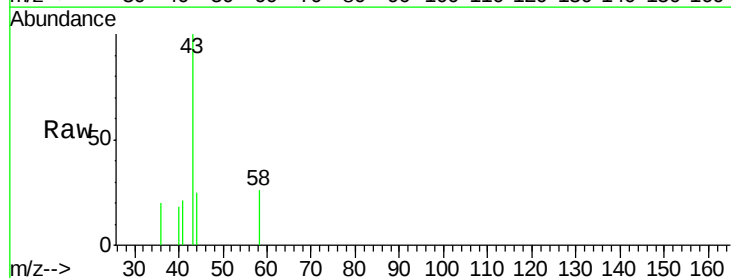
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(0-2)

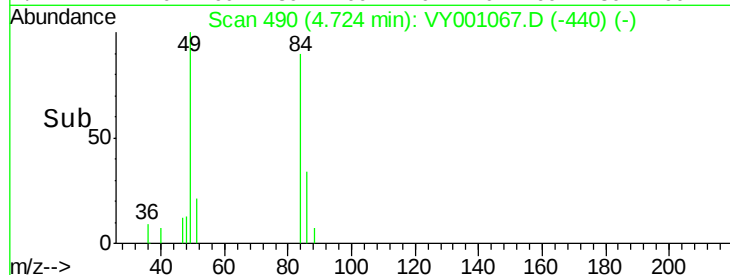
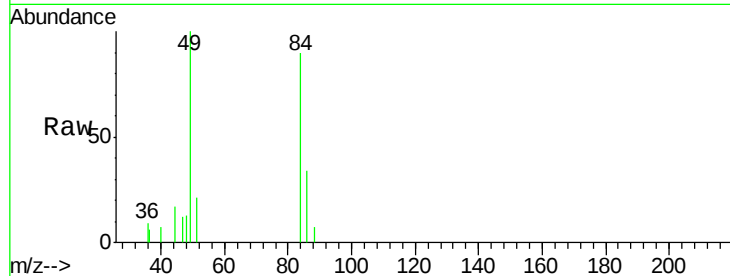
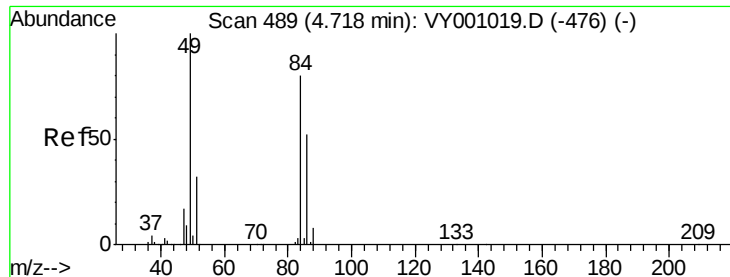
Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.158 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY001067.D
Acq: 26 Dec 2019 13:24

Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 25.6 32.1 48.1#

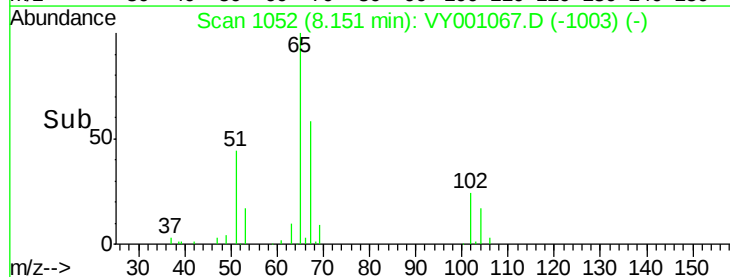
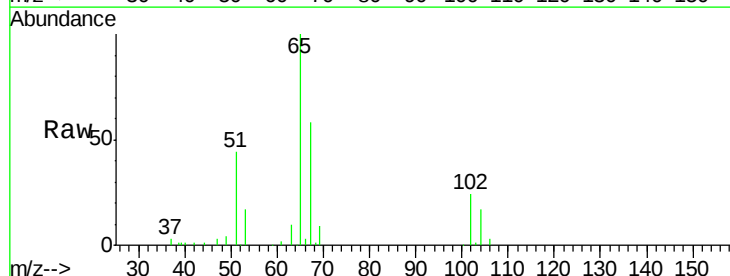
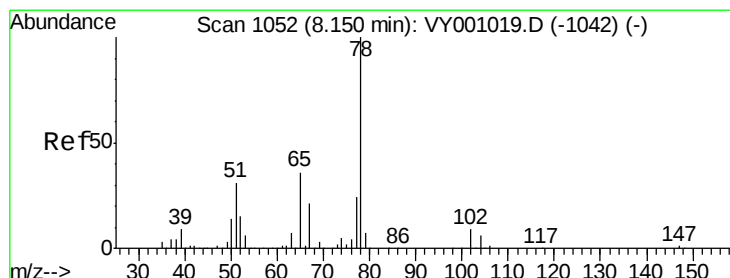
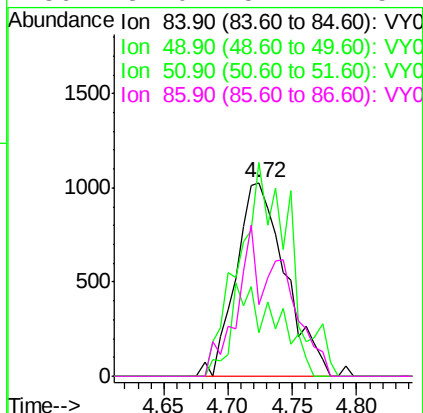




#20
Methylene Chloride
Concen: 1.838 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001067.D
Acq: 26 Dec 2019 13:24

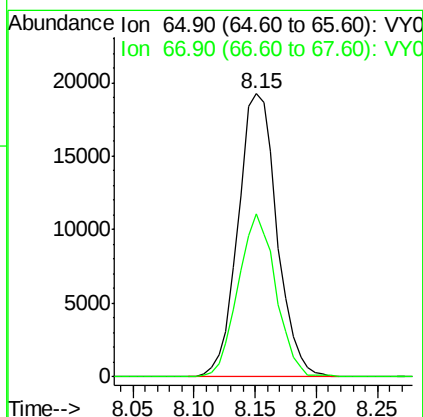
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(0-2)

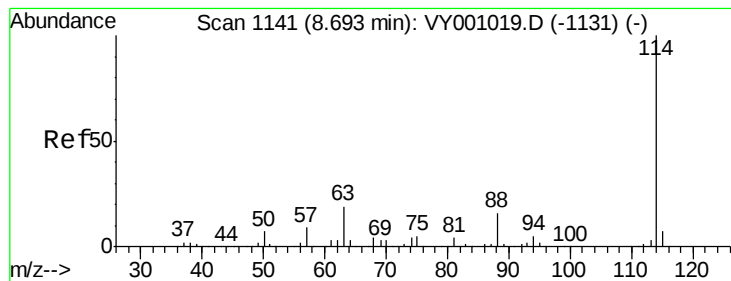
Tgt Ion: 84 Resp: 2720
Ion Ratio Lower Upper
84 100
49 110.5 99.8 149.6
51 22.7 31.4 47.2#
86 37.0 52.2 78.2#



#33
1,2-Dichloroethane-d4
Concen: 38.930 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001067.D
Acq: 26 Dec 2019 13:24

Tgt Ion: 65 Resp: 42479
Ion Ratio Lower Upper
65 100
67 55.7 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-(0-2)

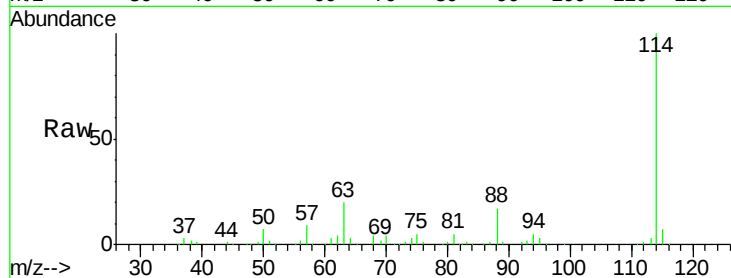
Tgt Ion:114 Resp: 183654

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.0

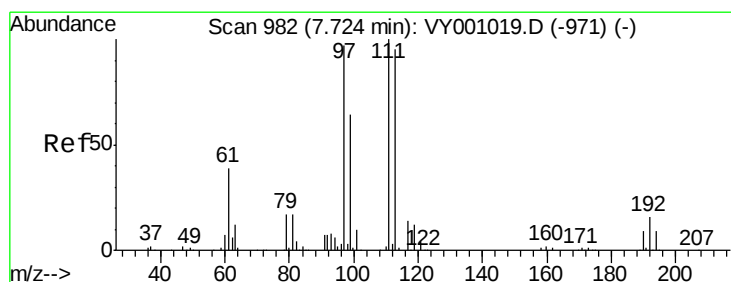
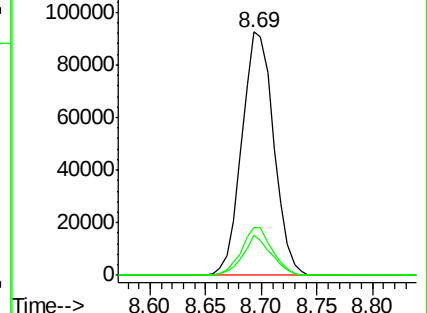
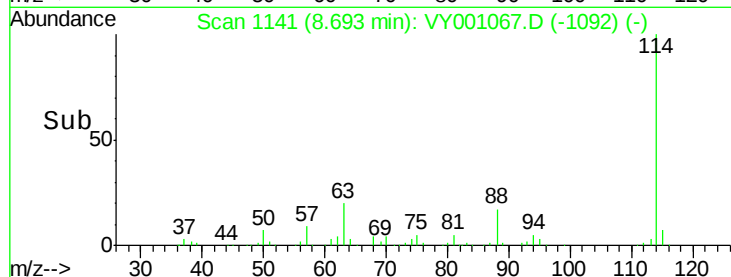
88 16.7 0.0 32.0



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: 44.776 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

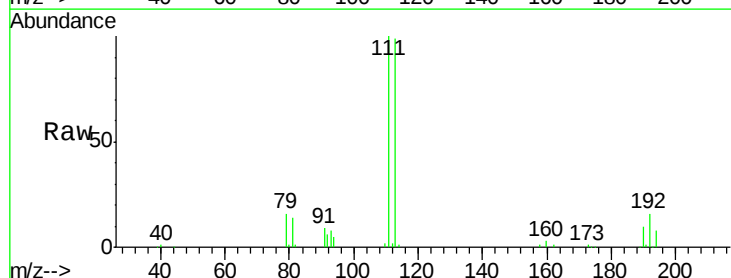
Tgt Ion:113 Resp: 48423

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

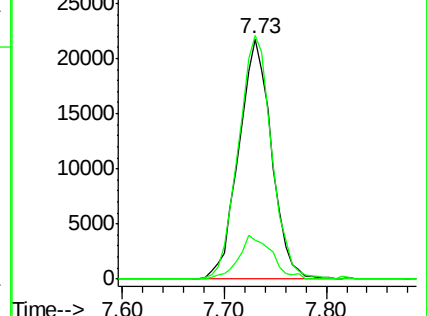
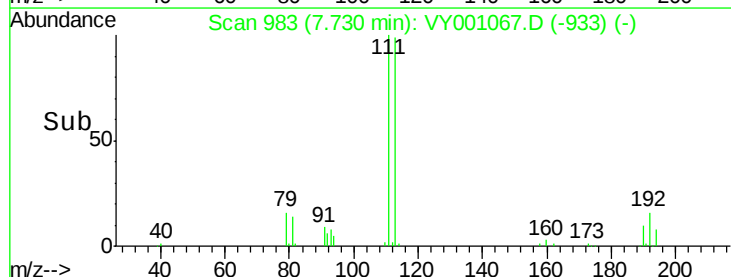
192 18.6 14.6 21.8

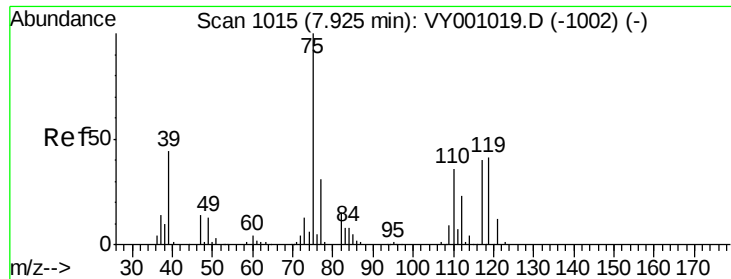


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

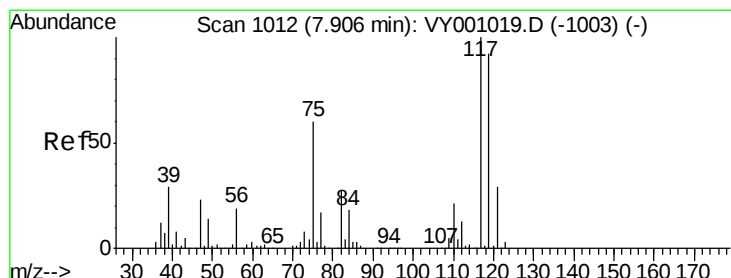
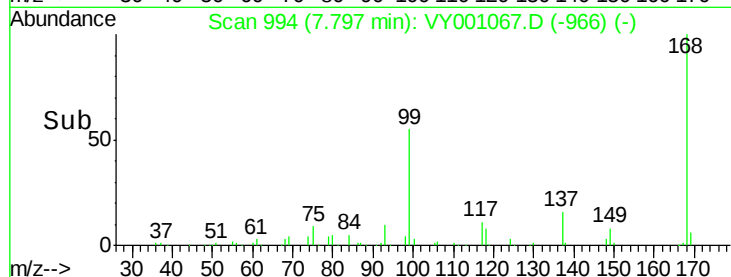
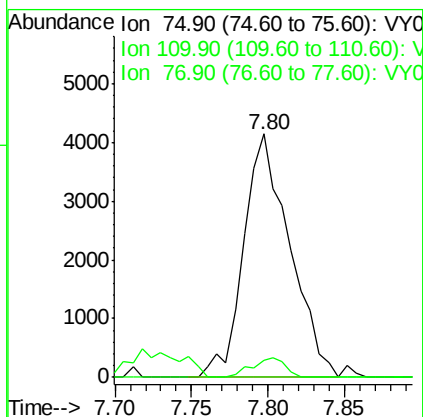
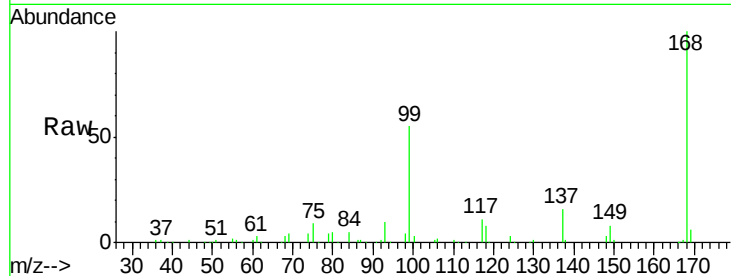




#36
 1,1-Dichloropropene
 Concen: 4.939 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001067.D
 Acq: 26 Dec 2019 13:24

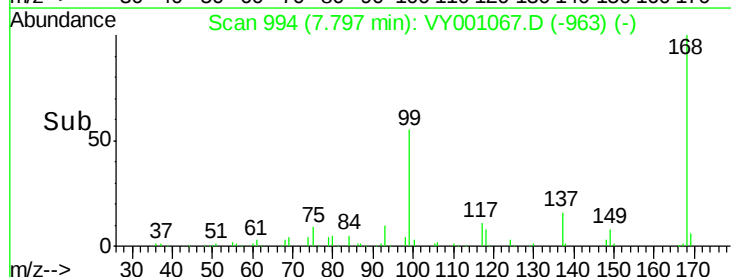
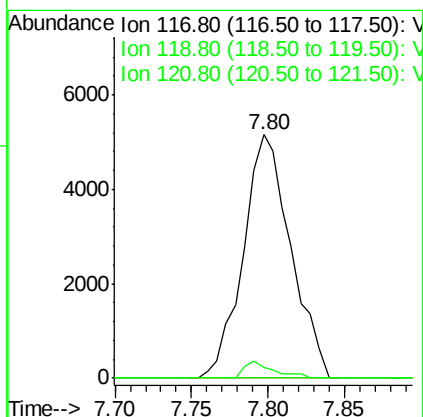
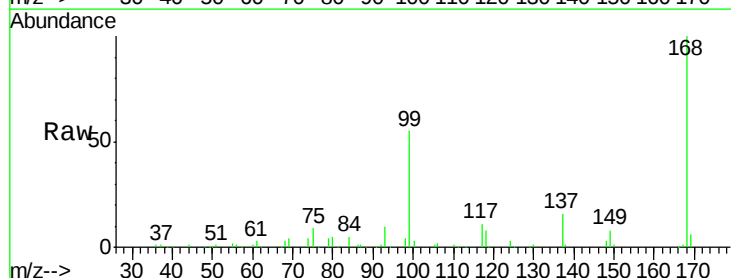
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(0-2)

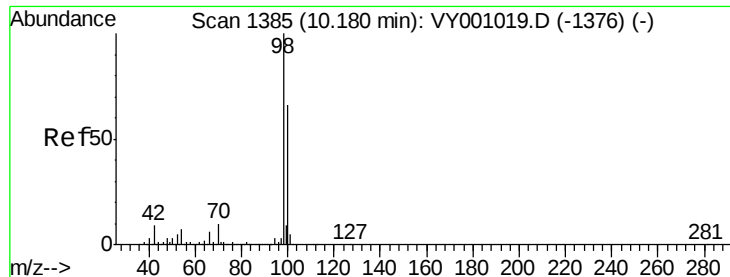
Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.8	18.1	54.4#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 7.242 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001067.D
 Acq: 26 Dec 2019 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.2	111.2#
121	0.0	22.9	34.3#





#50

Toluene-d8

Concen: 49.303 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

Instrument :

MSVOA_Y

ClientSampleId :

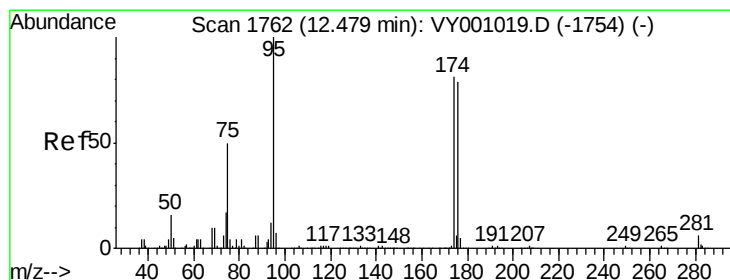
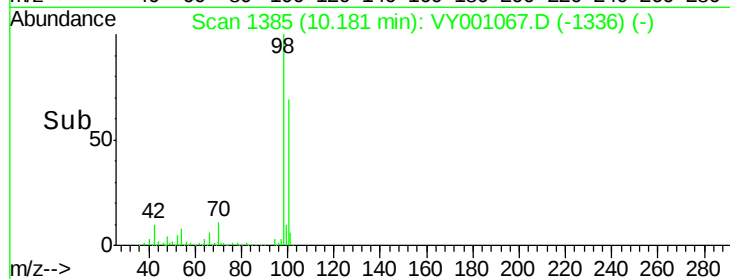
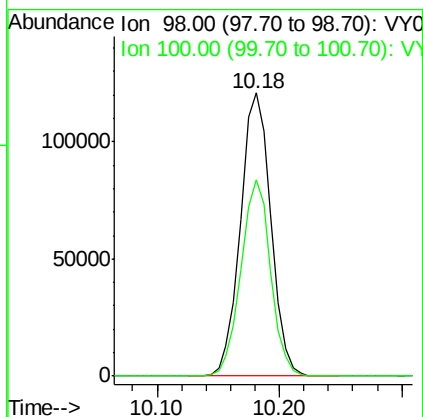
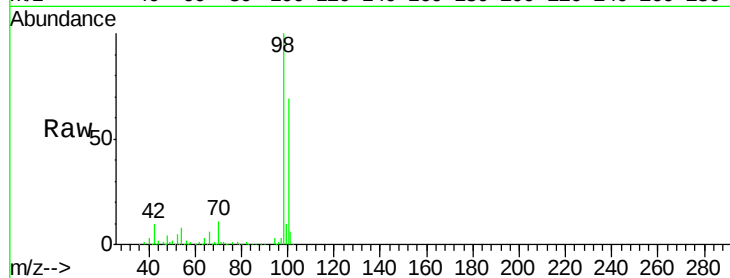
SB-4-(0-2)

Tgt Ion: 98 Resp: 208371

Ion Ratio Lower Upper

98 100

100 67.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 36.774 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

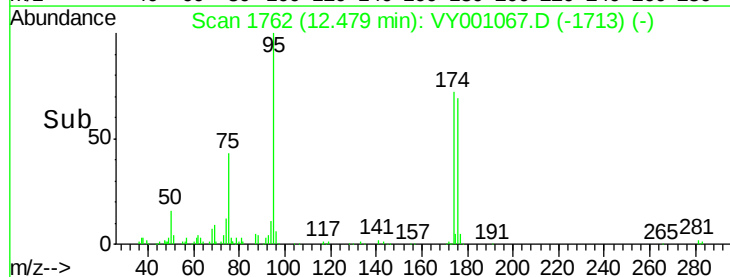
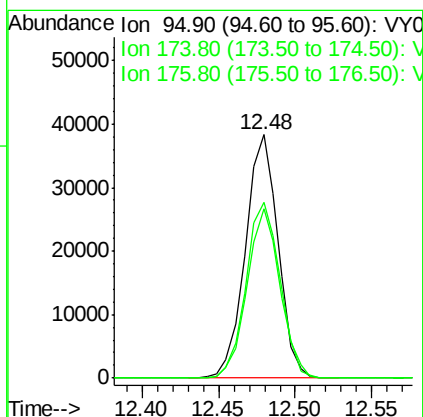
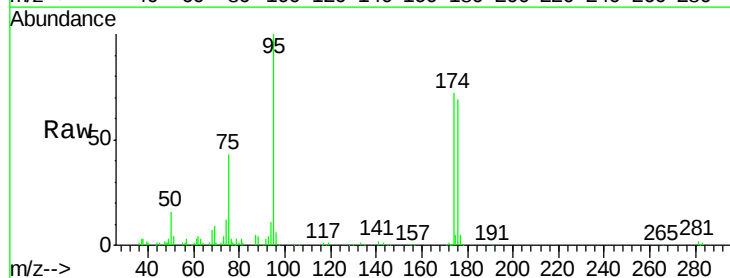
Tgt Ion: 95 Resp: 56823

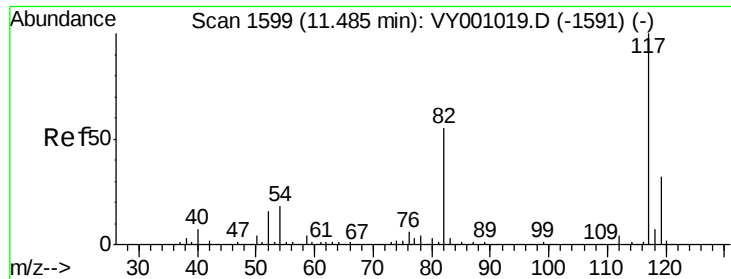
Ion Ratio Lower Upper

95 100

174 75.6 0.0 156.4

176 69.9 0.0 155.0

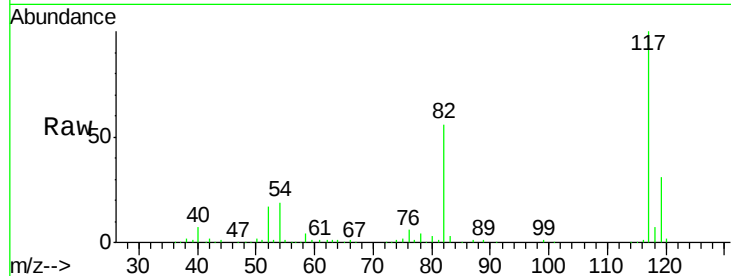




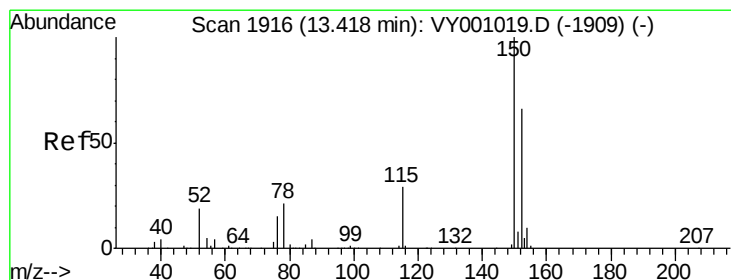
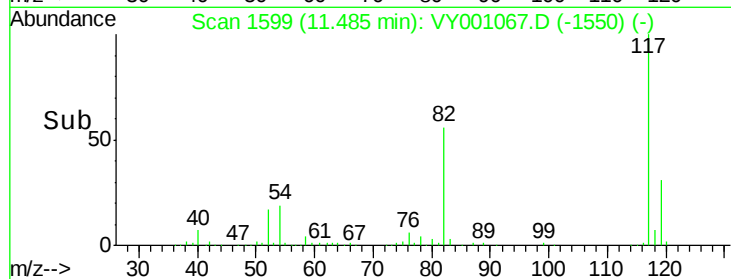
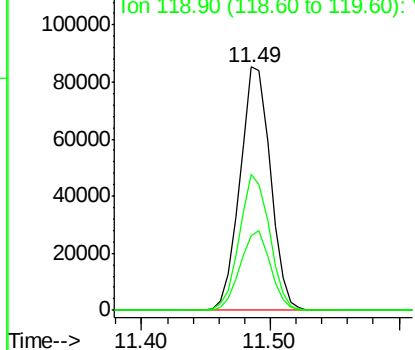
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001067.D
Acq: 26 Dec 2019 13:24

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(0-2)

Tgt Ion:117 Resp: 139117
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 30.5 25.8 38.6

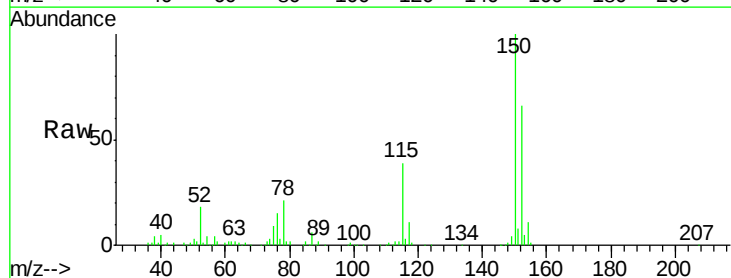


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

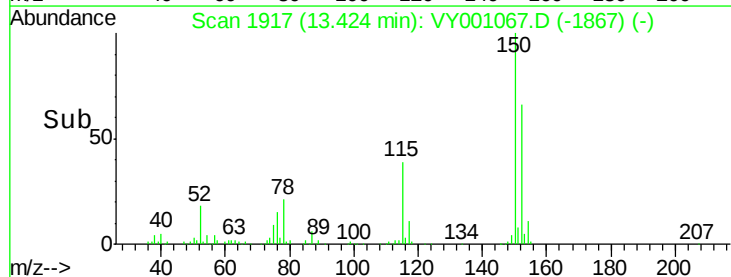
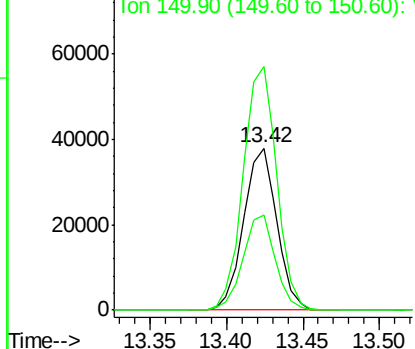


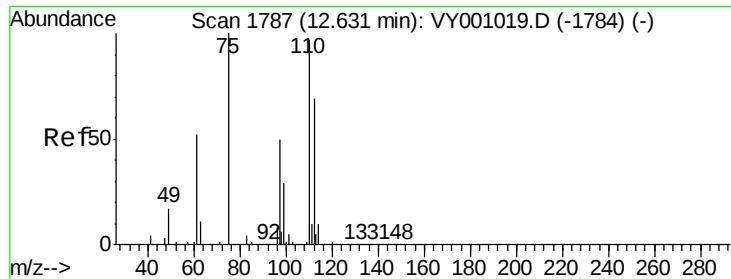
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001067.D
Acq: 26 Dec 2019 13:24

Tgt Ion:152 Resp: 57239
Ion Ratio Lower Upper
152 100
115 56.5 29.8 89.3
150 151.5 0.0 352.6



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: 37.543 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

Instrument :

MSVOA_Y

ClientSampleId :

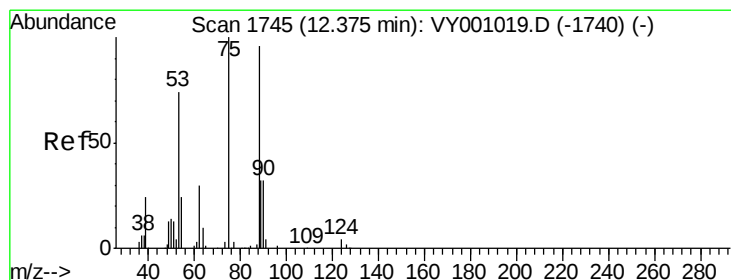
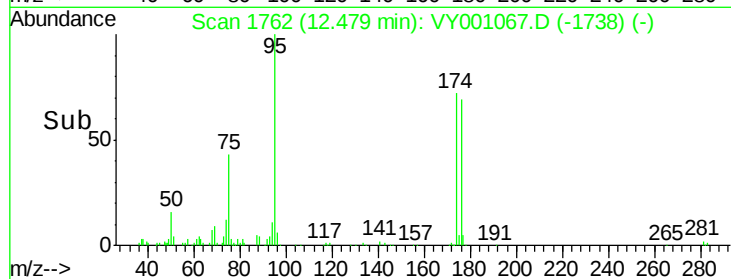
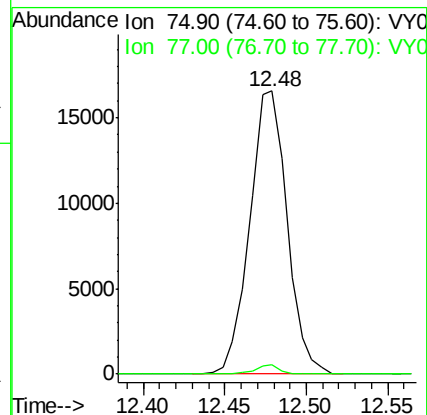
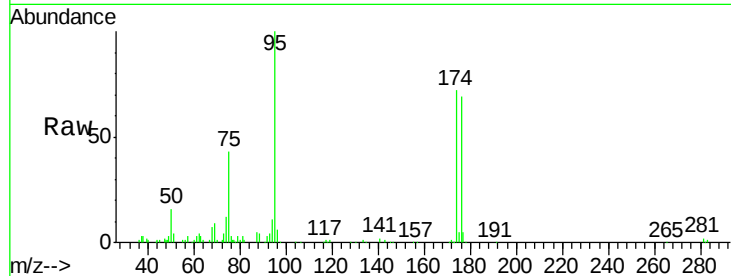
SB-4-(0-2)

Tgt Ion: 75 Resp: 26492

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.071 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

Tgt Ion: 75 Resp: 26492

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.2 35.4 53.0#

