

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000158.D
 Acq On : 26 Sep 2019 17:25
 Operator : SY/MD
 Sample : K5060-02
 Misc : 7.17g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 18:41:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

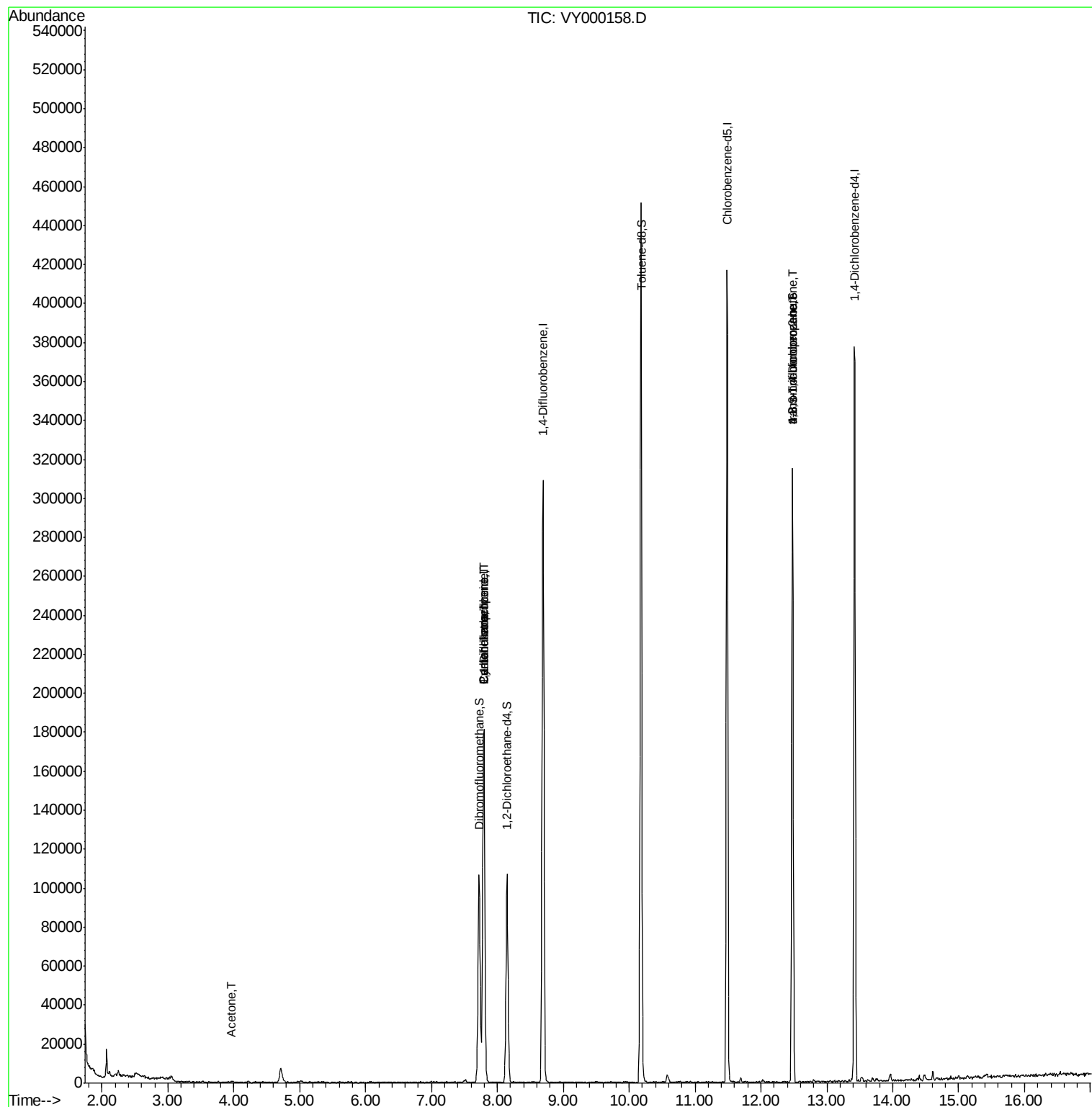
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	284286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	235400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	77784	60.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.90%	
35) Dibromofluoromethane	7.72	113	77019	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.18	98	310419	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.48	95	97579	42.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.98%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.11	50	1744	Below Cal	#	88
16) Acetone	3.96	43	377	1.165	ug/l #	37
20) Methylene Chloride	4.71	84	4950	Below Cal		96
31) Cyclohexane	7.80	56	2967	1.203	ug/l #	17
36) 1,1-Dichloropropene	7.79	75	10298	4.359	ug/l #	45
38) Carbon Tetrachloride	7.80	117	13614	5.903	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	46974	48.323	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	46974	96.300	ug/l #	18

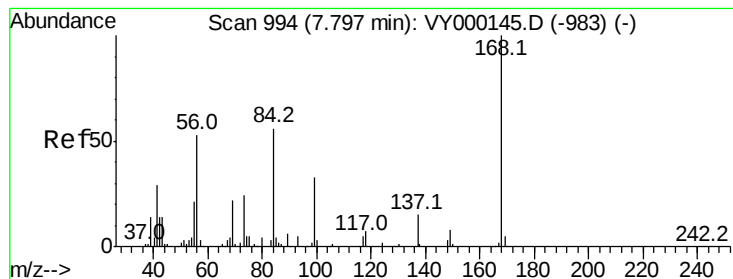
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
Data File : VY000158.D
Acq On : 26 Sep 2019 17:25
Operator : SY/MD
Sample : K5060-02
Misc : 7.17g/5.00ml/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 26 18:41:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:30:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

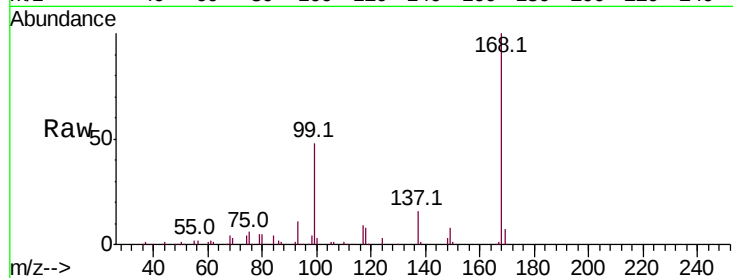
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 145715

Ion Ratio Lower Upper

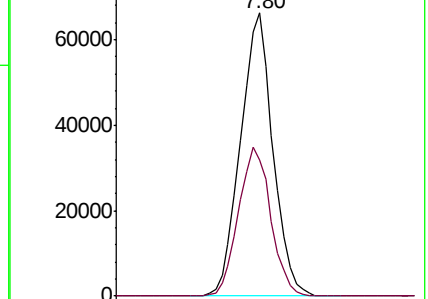
168 100

99 48.2 37.9 56.9

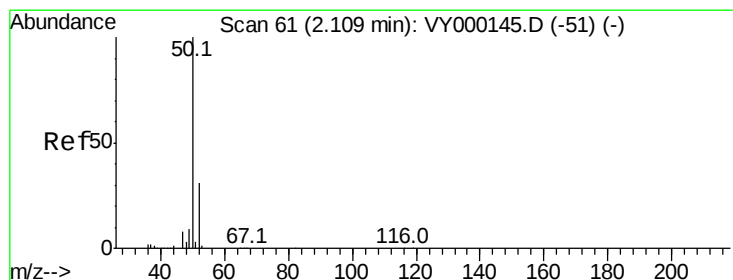
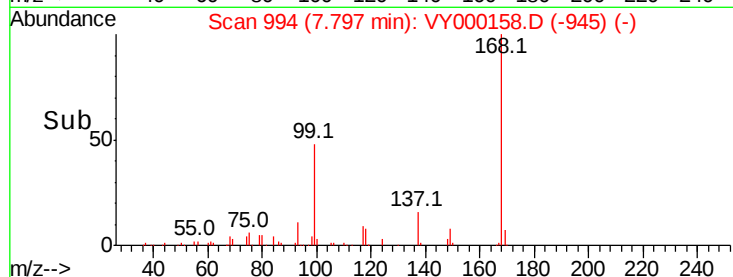


Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000145.D (-983) (-)



Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000158.D

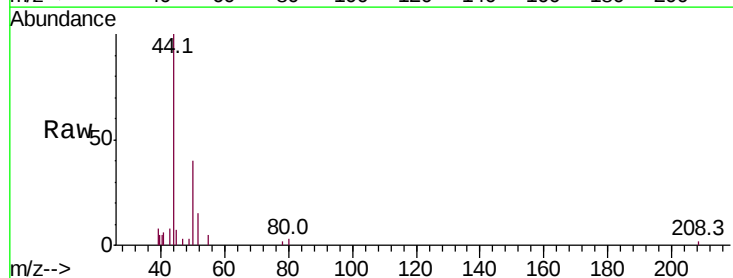
Acq: 26 Sep 2019 17:25

Tgt Ion: 50 Resp: 1744

Ion Ratio Lower Upper

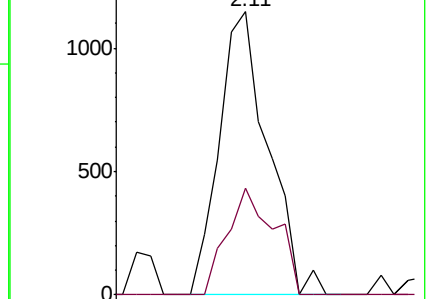
50 100

52 37.8 25.0 37.6#

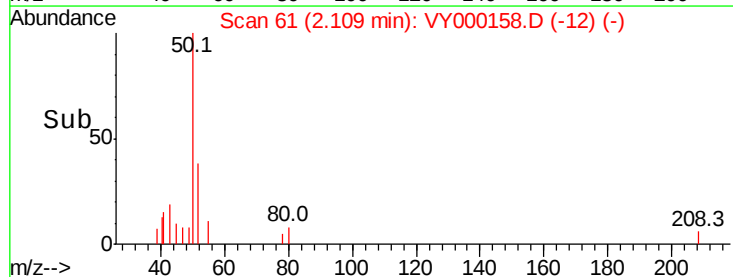


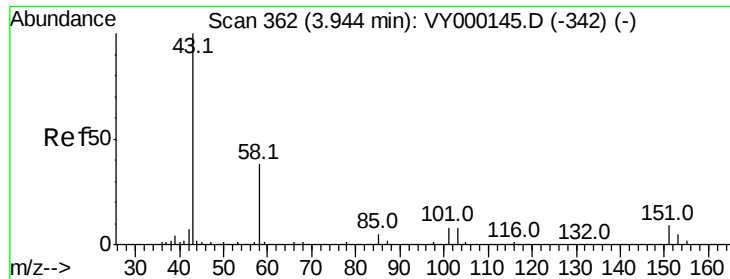
Abundance Ion 49.90 (49.60 to 50.60): VY000145.D (-51) (-)

Ion 51.90 (51.60 to 52.60): VY000145.D (-51) (-)



Time-->





#16

Acetone

Concen: 1.165 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

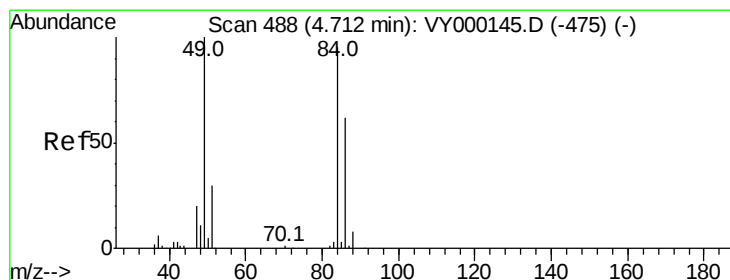
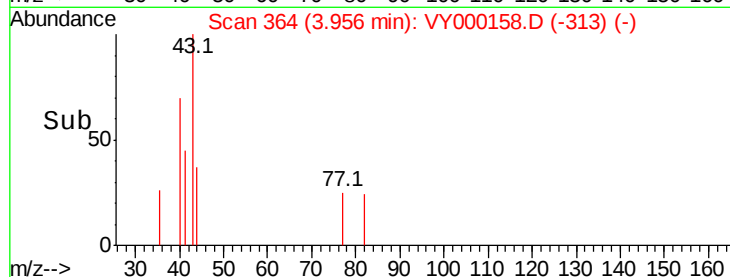
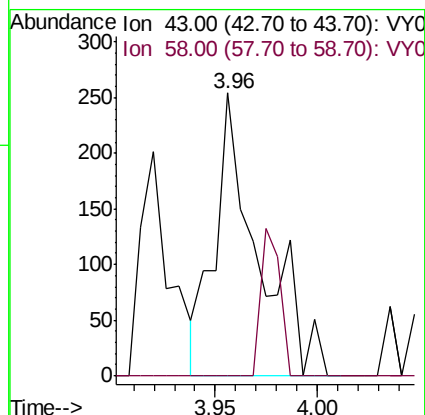
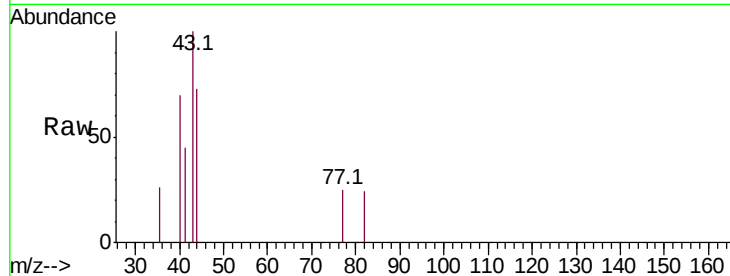
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

Tgt Ion: 84 Resp: 4950

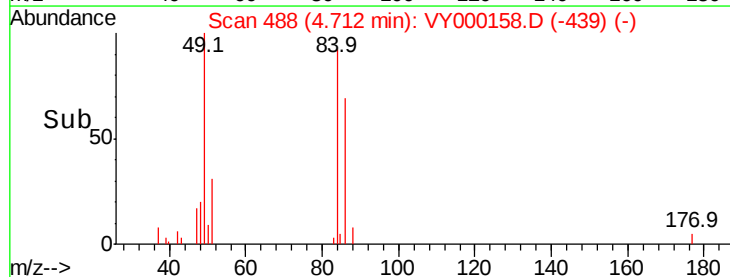
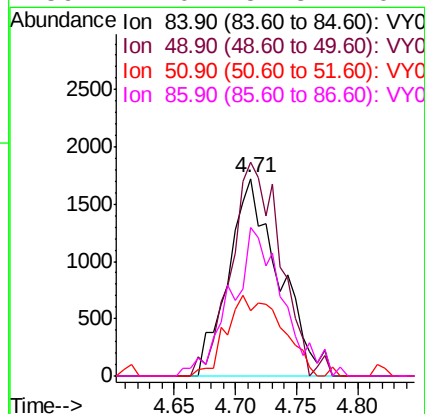
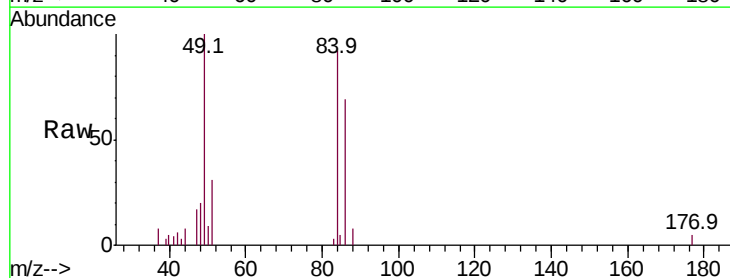
Ion Ratio Lower Upper

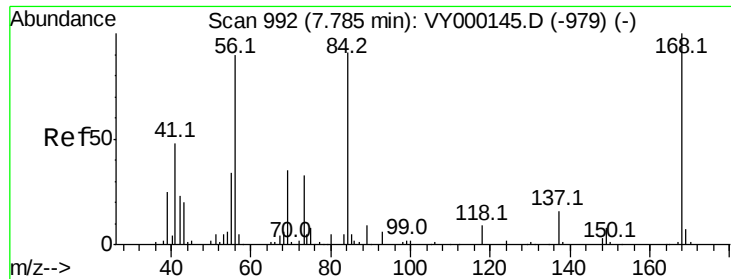
84 100

49 108.2 84.6 126.8

51 33.4 25.4 38.2

86 71.0 52.8 79.2

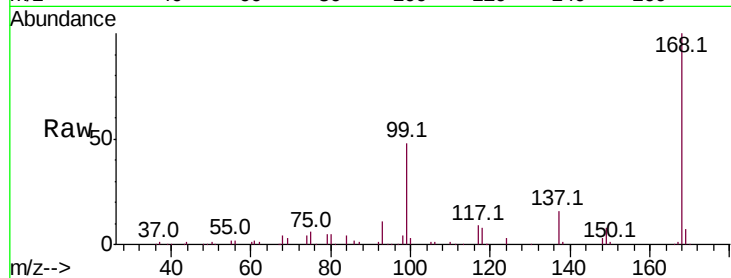




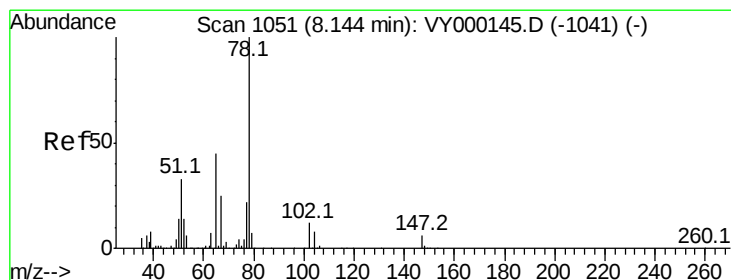
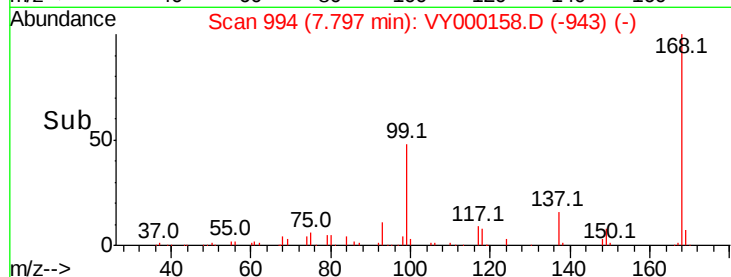
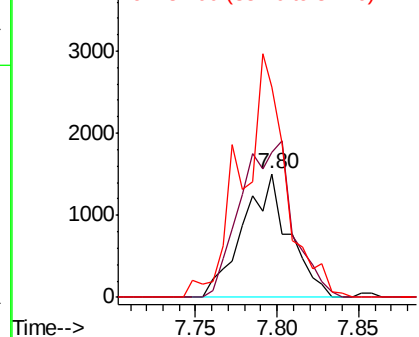
#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000158.D
Acq: 26 Sep 2019 17:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 2967
Ion Ratio Lower Upper
56 100
69 117.1 31.1 46.7#
84 166.5 80.5 120.7#

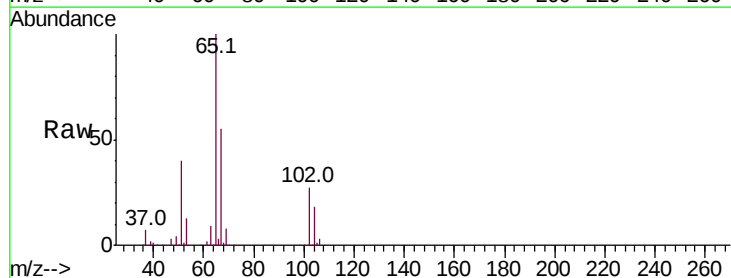


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

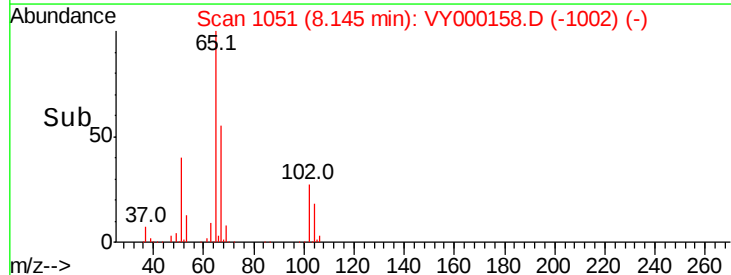
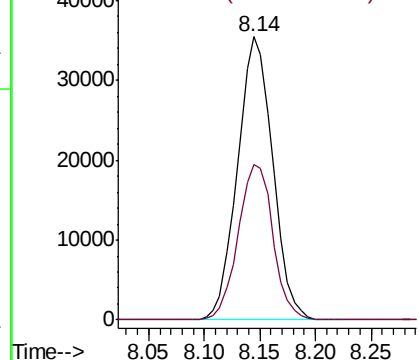


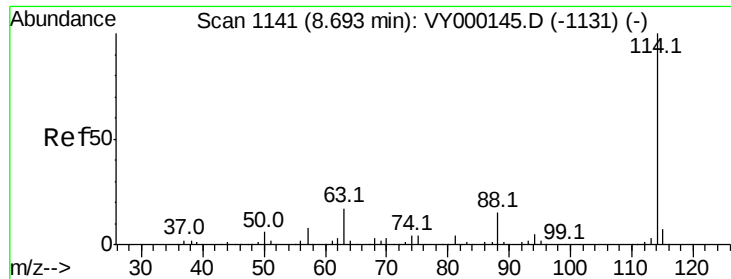
#33
1,2-Dichloroethane-d4
Concen: 60.954 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY000158.D
Acq: 26 Sep 2019 17:25

Tgt Ion: 65 Resp: 77784
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

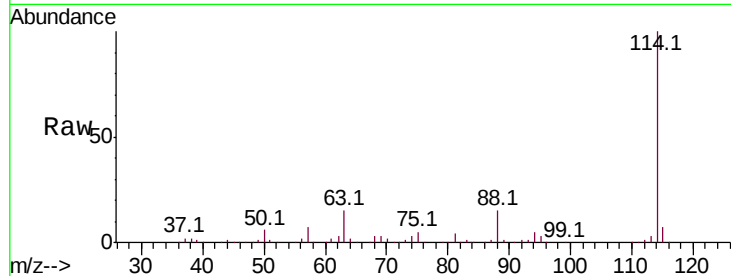




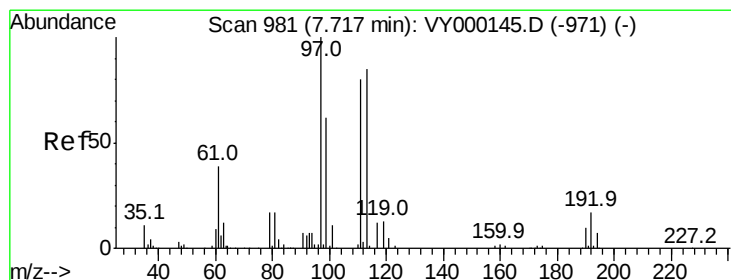
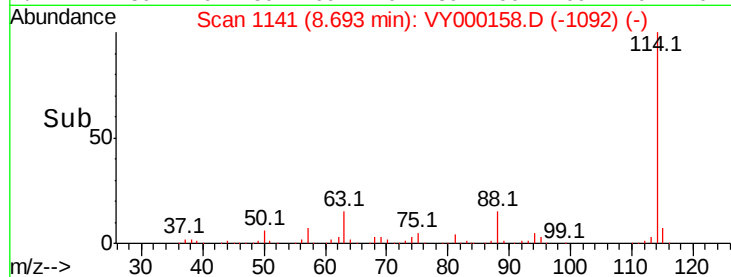
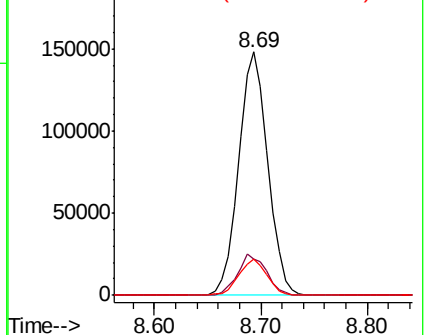
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000158.D
 Acq: 26 Sep 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	15.0	0.0	34.6
88	15.0	0.0	30.6

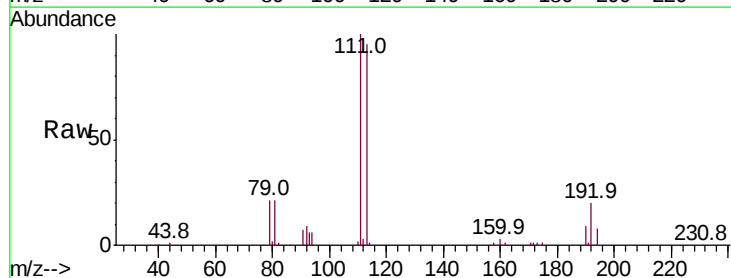


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

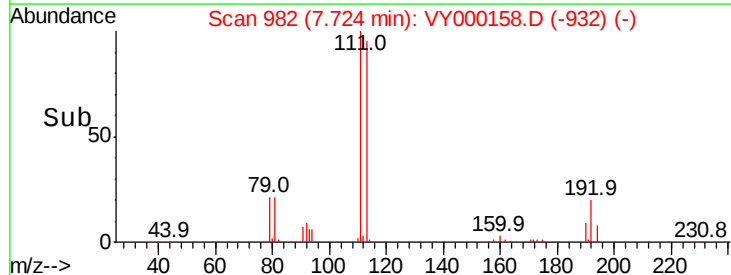
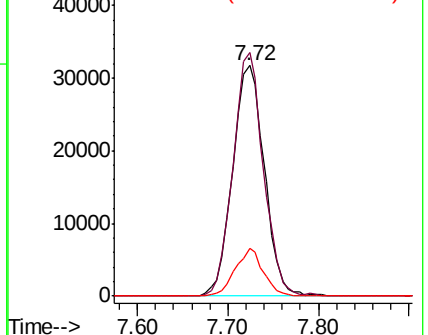


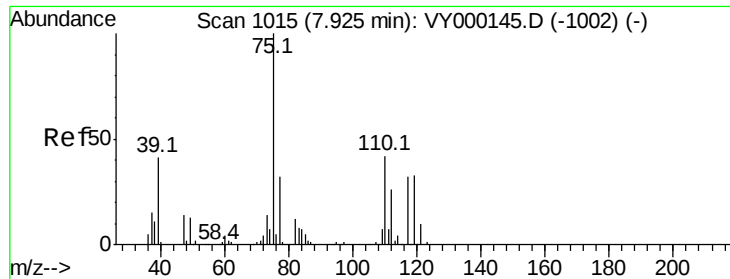
#35
 Dibromofluoromethane
 Concen: 51.733 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VY000158.D
 Acq: 26 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	18.4	17.3	25.9



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

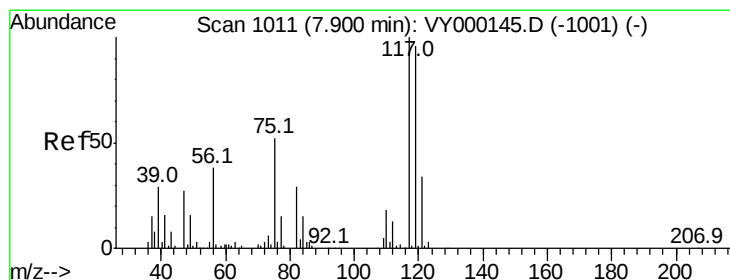
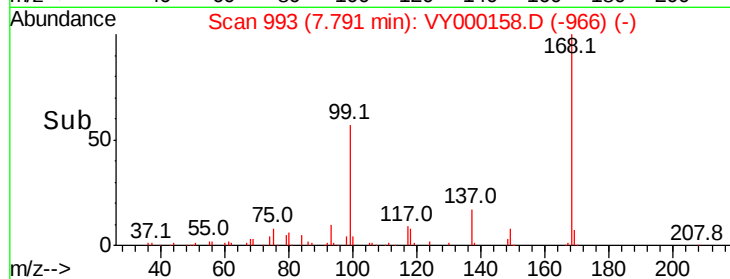
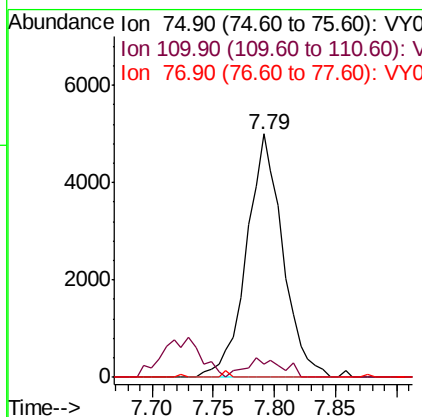
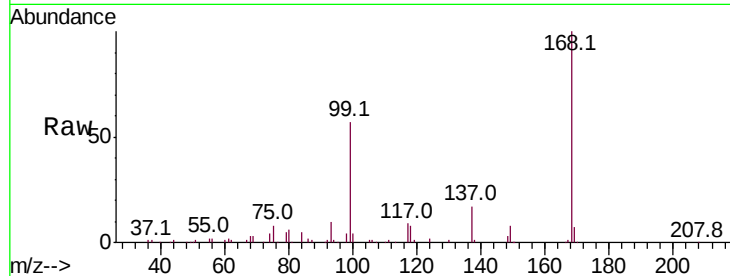




#36
 1,1-Dichloropropene
 Concen: 4.359 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY000158.D
 Acq: 26 Sep 2019 17:25

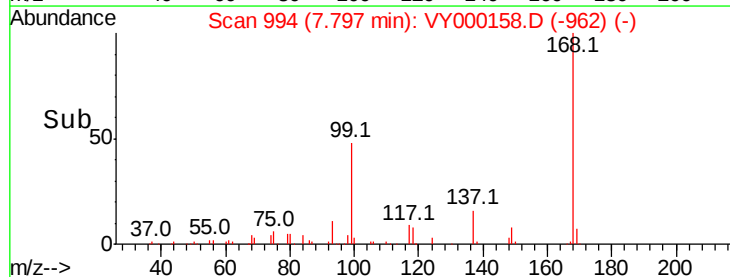
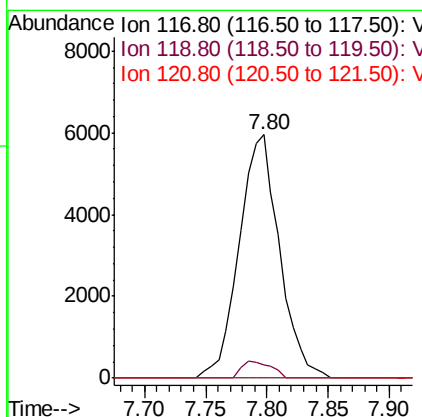
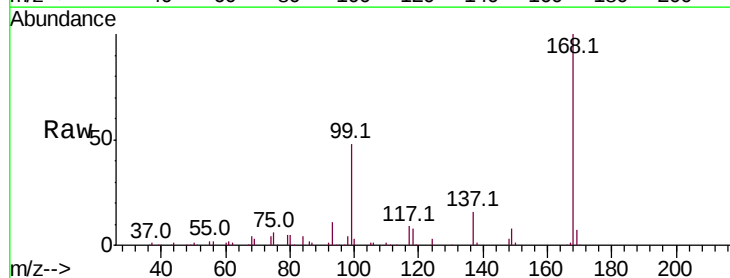
Instrument :
 MSVOA_Y
 ClientSampleId :

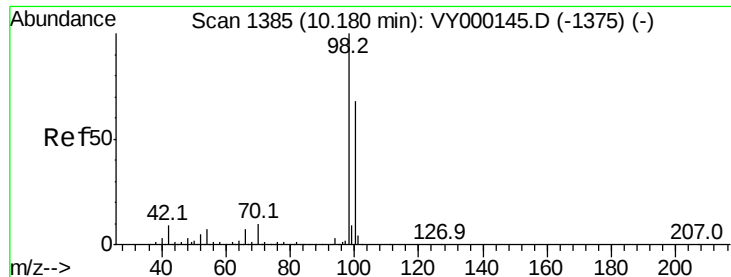
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	21.1	63.1#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.903 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.10 min
 Lab File: VY000158.D
 Acq: 26 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.9	115.3#
121	0.0	27.4	41.0#





#50

Toluene-d8

Concen: 49.272 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

Instrument :

MSVOA_Y

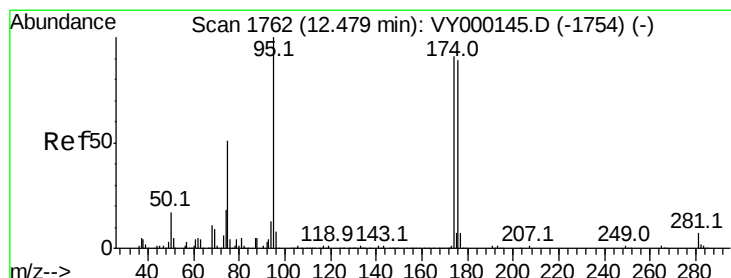
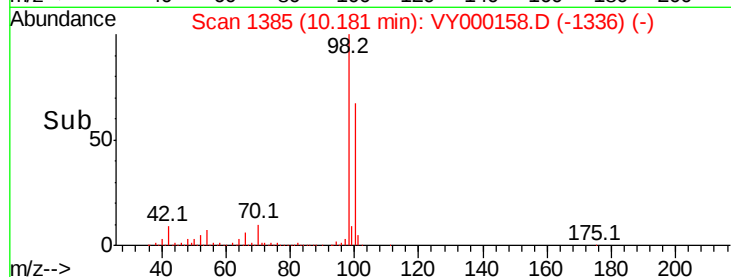
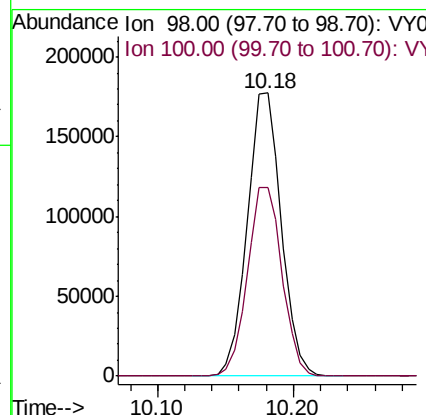
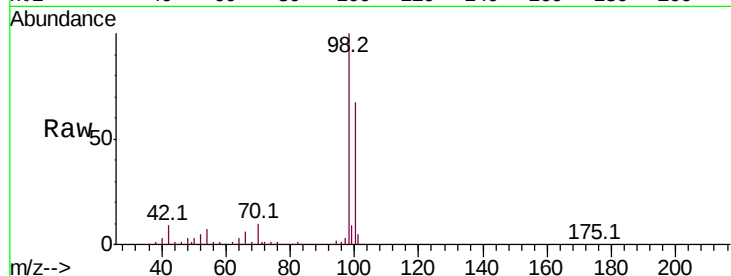
ClientSampleId :

Tot Ion: 98 Resp: 310419

Ion Ratio Lower Upper

98 100

100 67.9 54.2 81.2



#62

4-Bromofluorobenzene

Concen: 42.494 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

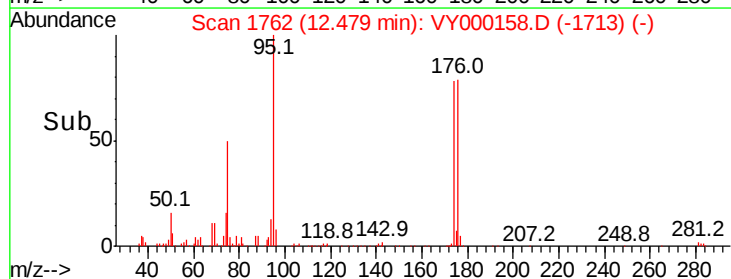
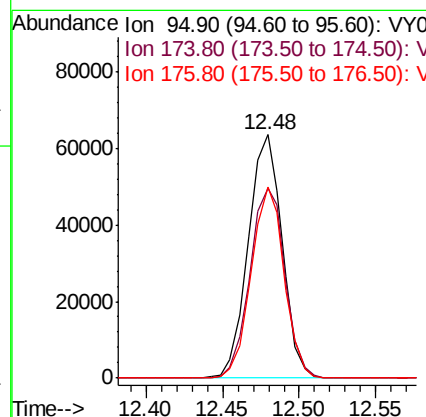
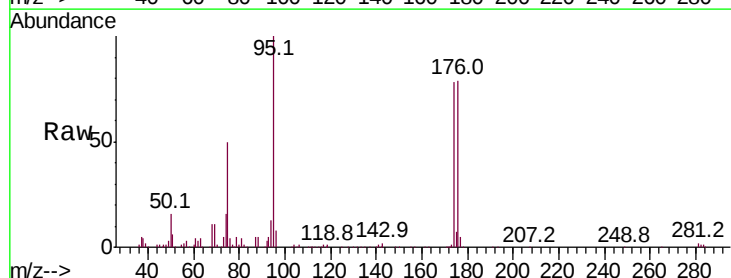
Tgt Ion: 95 Resp: 97579

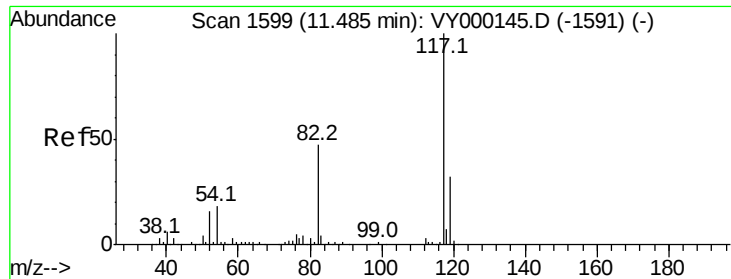
Ion Ratio Lower Upper

95 100

174 80.6 0.0 180.6

176 76.6 0.0 171.6

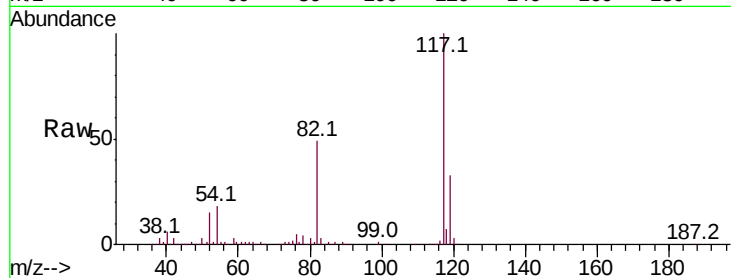




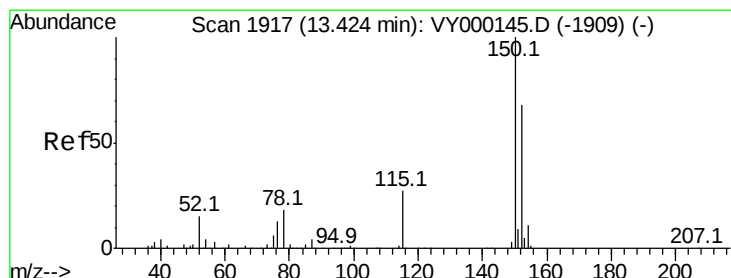
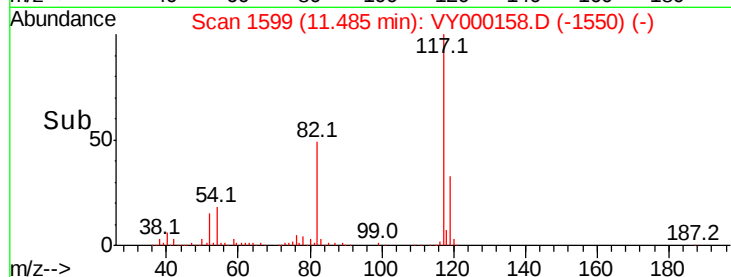
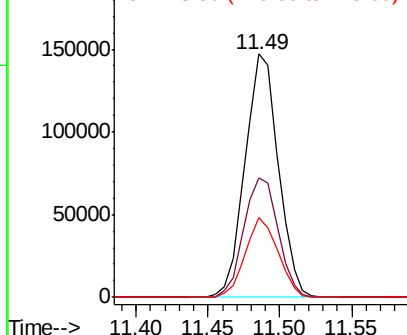
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000158.D
Acq: 26 Sep 2019 17:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.2	37.7	56.5
119	32.8	25.4	38.2

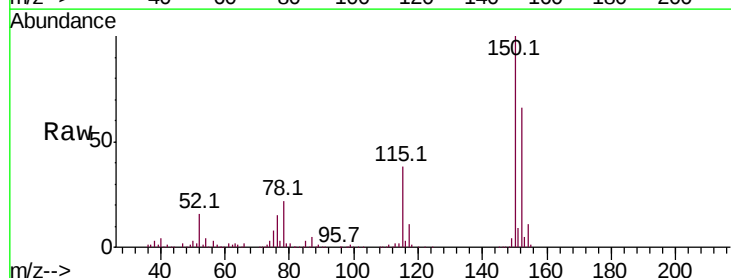


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

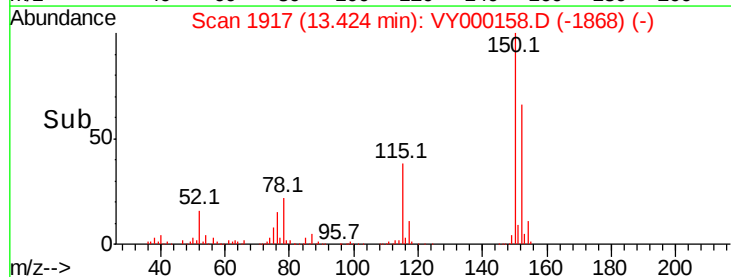
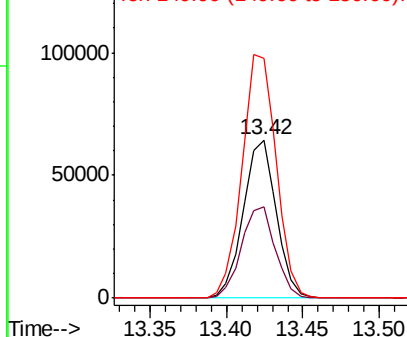


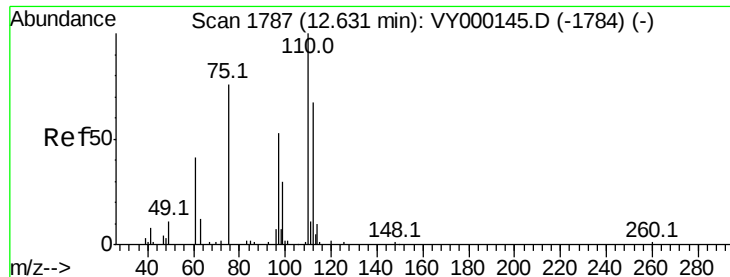
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000158.D
Acq: 26 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	26.8	80.4
150	159.5	0.0	347.8



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: 48.323 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

Instrument :

MSVOA_Y

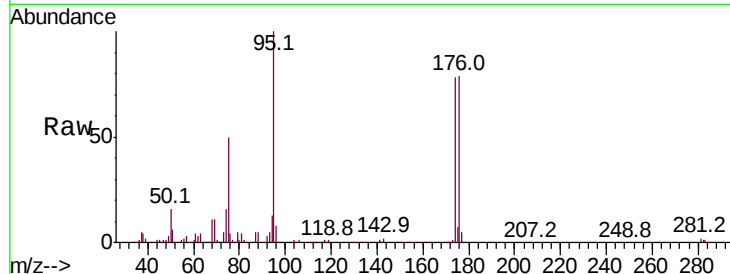
ClientSampleId :

Tot Ion: 75 Resp: 46974

Ion Ratio Lower Upper

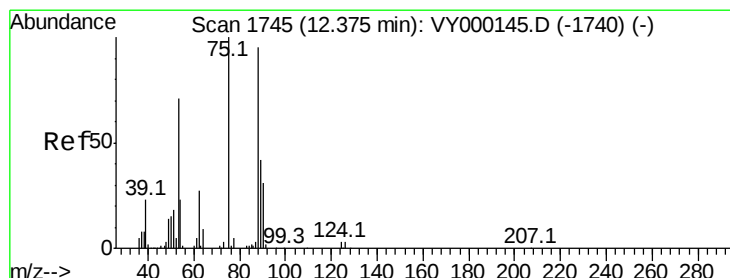
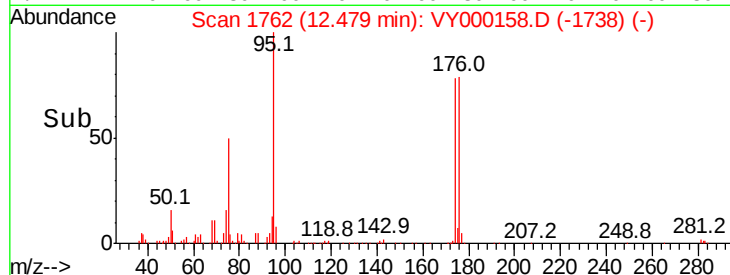
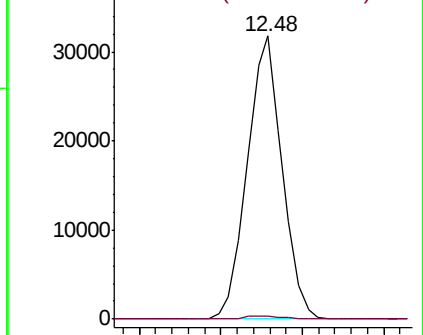
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 96.300 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

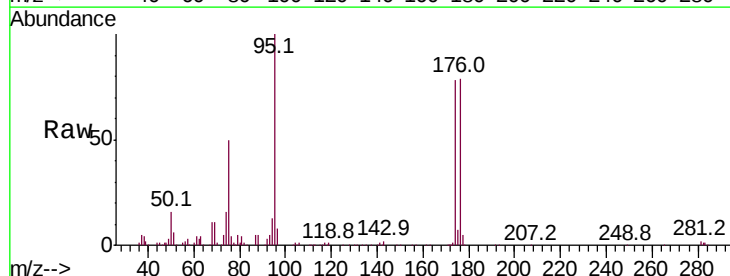
Tgt Ion: 75 Resp: 46974

Ion Ratio Lower Upper

75 100

53 0.0 61.8 92.8#

89 0.0 35.6 53.4#



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

