

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000956.D
 Acq On : 16 Dec 2019 15:49
 Operator : SY/MD
 Sample : K6317-02
 Misc : 4.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB2

Quant Time: Dec 17 06:06:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	443079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185577	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	145908	58.24	ug/l	0.00
Spiked Amount						
Recovery						
35) Dibromofluoromethane	7.73	113	130340	50.48	ug/l	0.00
Spiked Amount						
Recovery						
50) Toluene-d8	10.18	98	526963	51.04	ug/l	0.00
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	12.48	95	180390	46.53	ug/l	0.00
Spiked Amount						
Recovery						

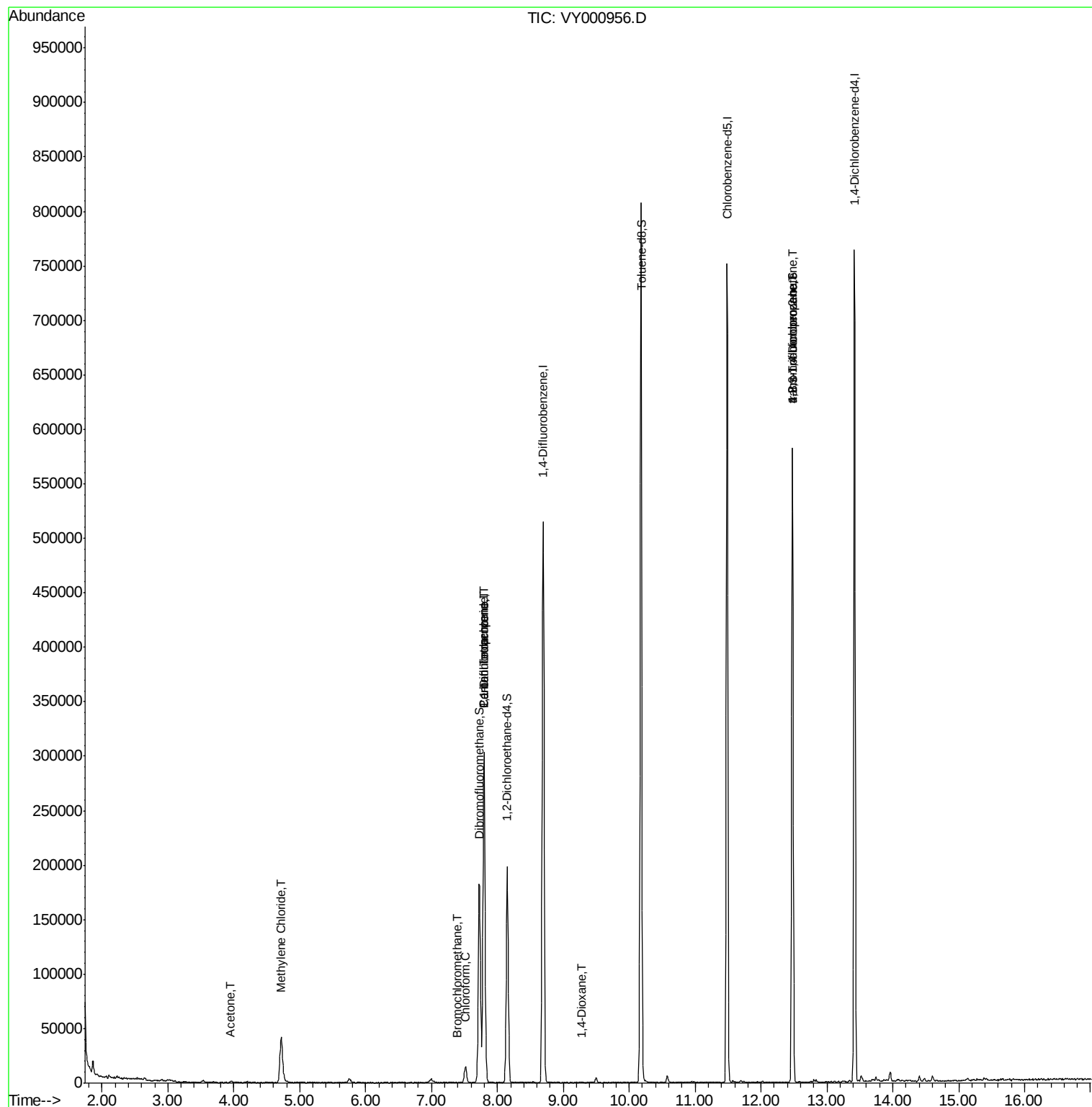
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	322	Below Cal	#	30
16) Acetone	3.95	43	1112	1.935	ug/l	92
20) Methylene Chloride	4.72	84	29652	9.789	ug/l	96
28) Bromochloromethane	7.39	49	43	2.038	ug/l #	15
30) Chloroform	7.52	83	14720	2.922	ug/l	92
36) 1,1-Dichloropropene	7.80	75	18861	4.281	ug/l #	51
38) Carbon Tetrachloride	7.80	117	22820	5.816	ug/l #	16
49) 1,4-Dioxane	9.28	88	55	2.305	ug/l #	27
76) 1,2,3-Trichloropropane	12.48	75	92815	44.144	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	92815	86.711	ug/l #	17

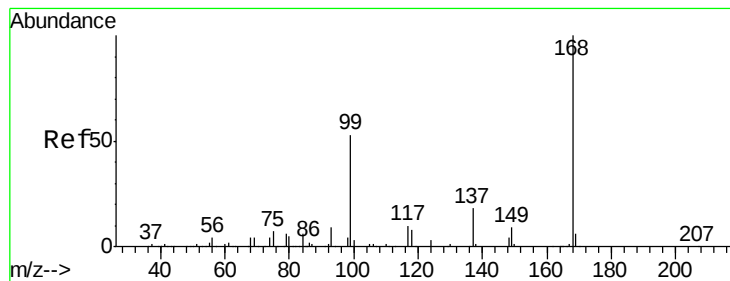
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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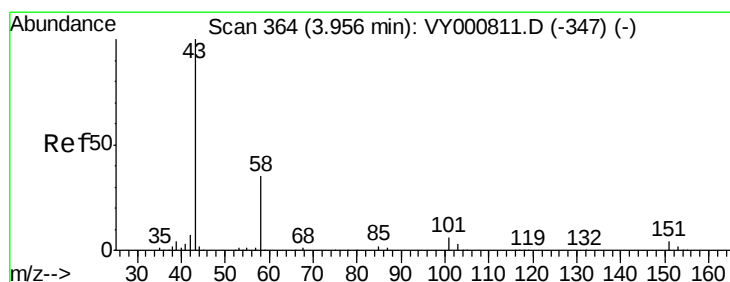
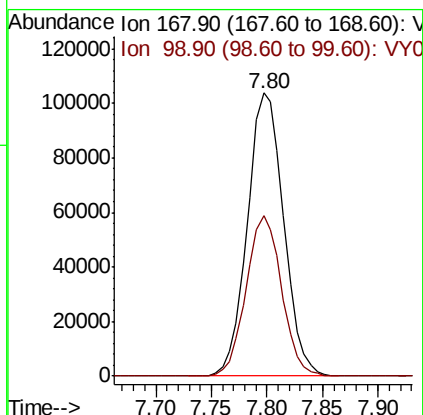
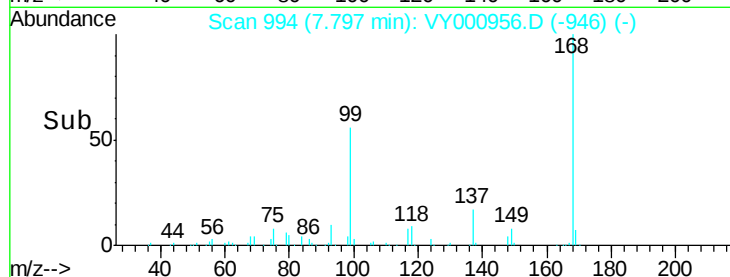
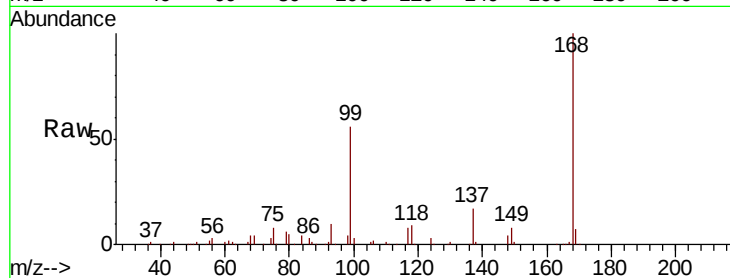




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

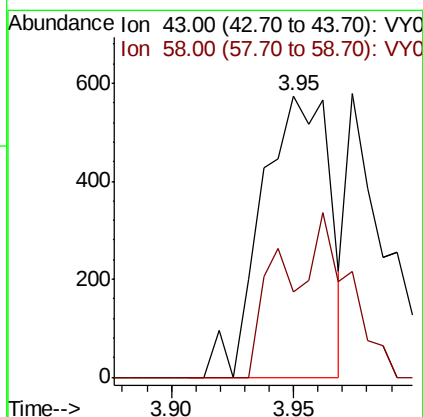
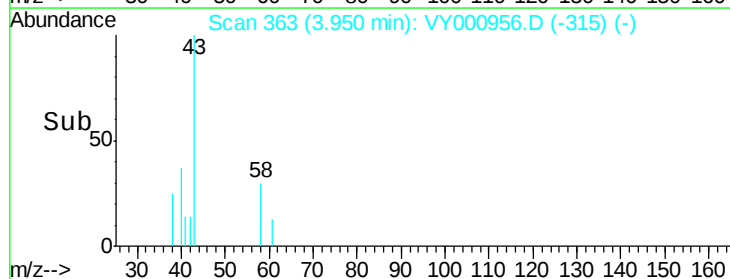
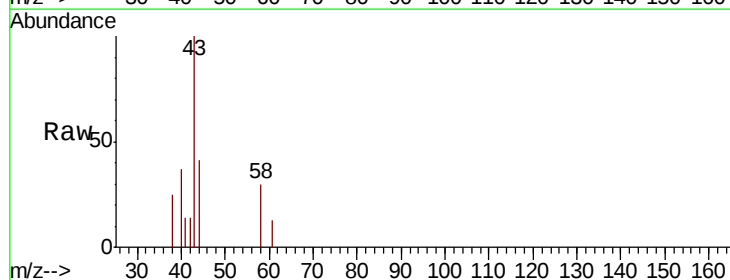
Instrument :
MSVOA_Y
ClientSampleId :
178K-SB2

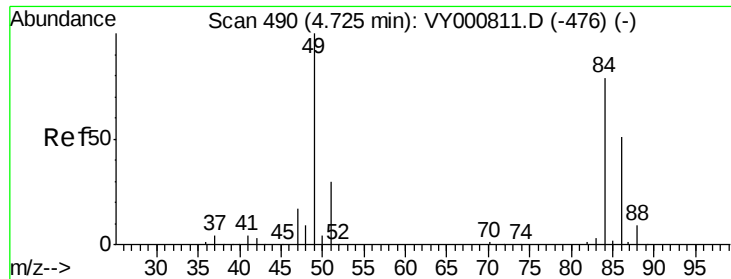
Tgt Ion: 168 Resp: 235758
Ion Ratio Lower Upper
168 100
99 56.5 45.0 67.6



#16
Acetone
Concen: 1.935 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

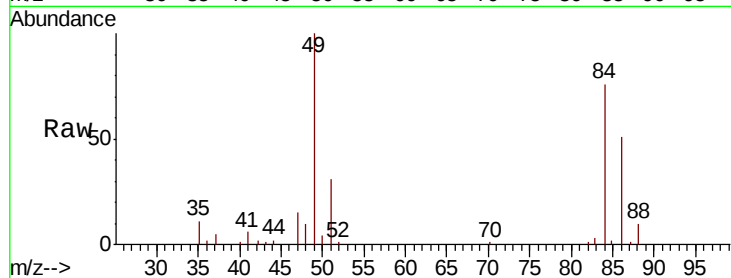




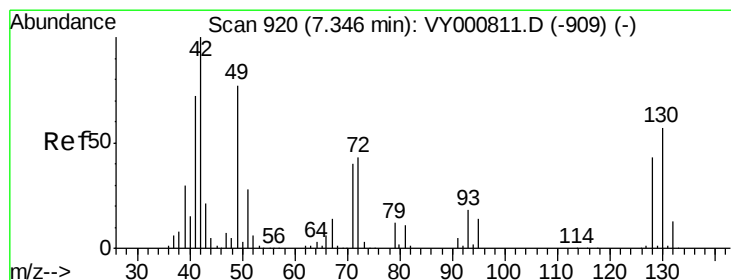
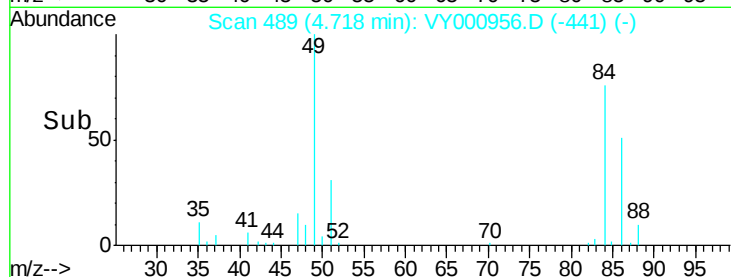
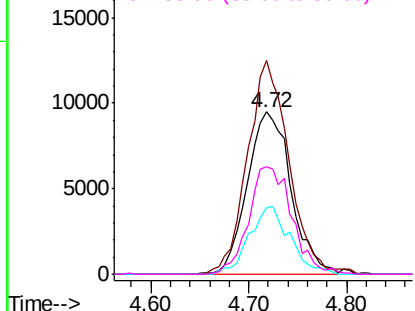
#20
Methylene Chloride
Concen: 9.789 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :
178K-SB2

Tgt Ion:	84	Resp:	29652
Ion	Ratio	Lower	Upper
84	100		
49	131.8	101.3	151.9
51	41.3	30.6	45.8
86	66.6	51.3	76.9

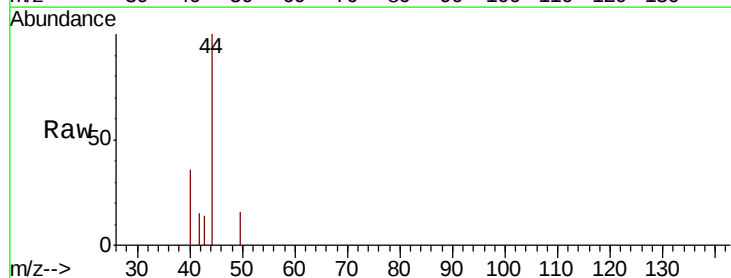


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

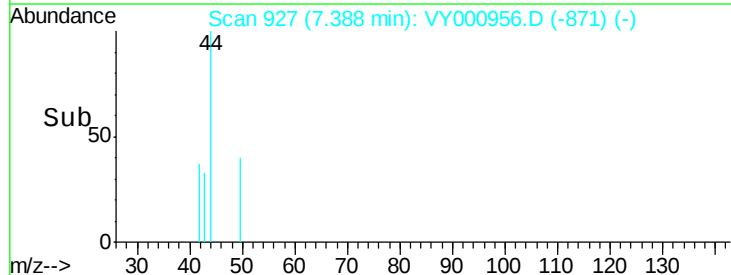
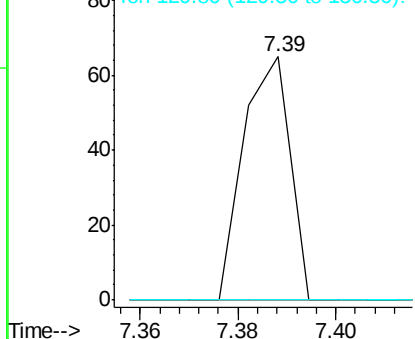


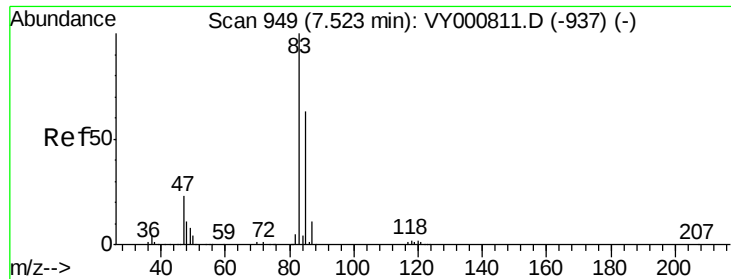
#28
Bromochloromethane
Concen: 2.038 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.04 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion:	49	Resp:	43
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

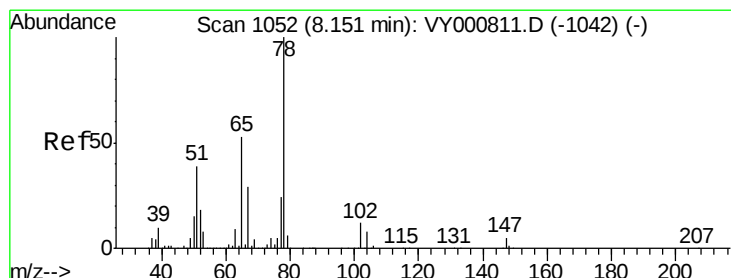
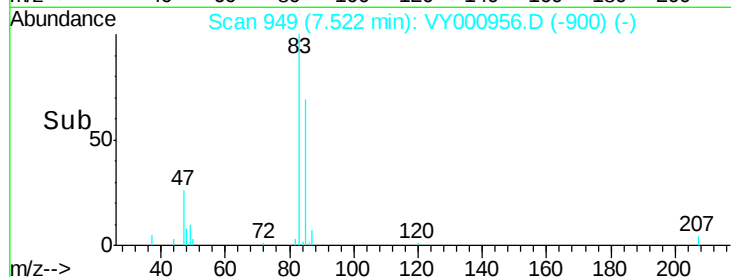
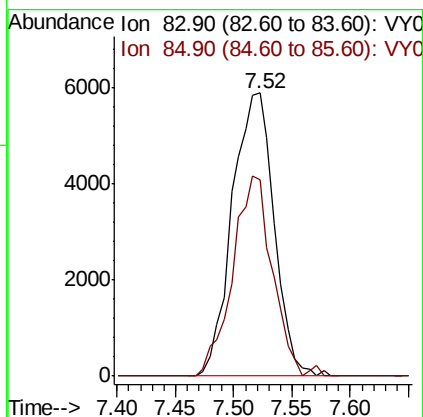
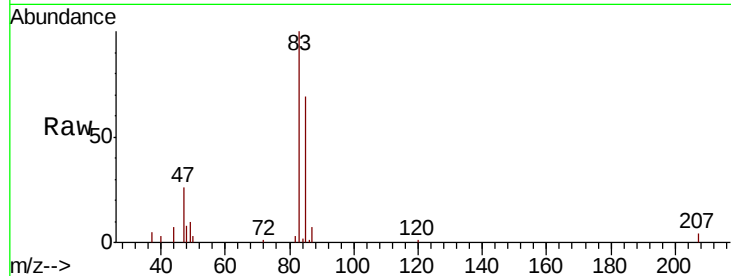




#30
Chloroform
Concen: 2.922 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

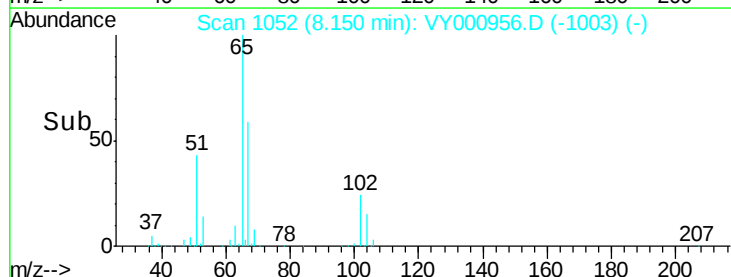
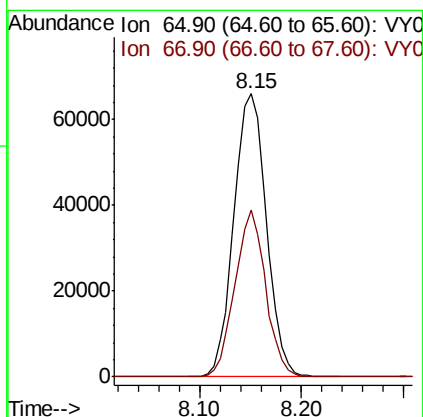
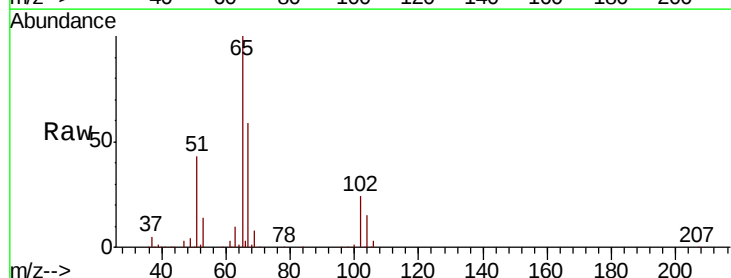
Instrument :
MSVOA_Y
ClientSampled :
178K-SB2

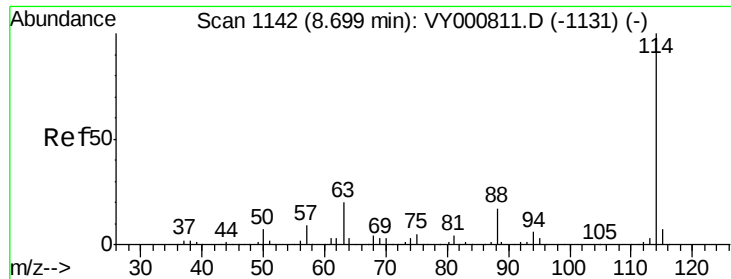
Tgt Ion: 83 Resp: 14720
Ion Ratio Lower Upper
83 100
85 69.5 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 58.244 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion: 65 Resp: 145908
Ion Ratio Lower Upper
65 100
67 55.5 0.0 112.0

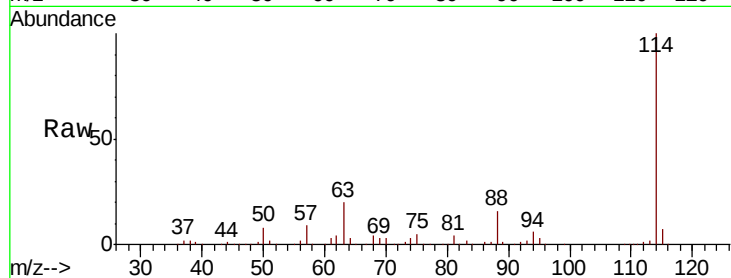




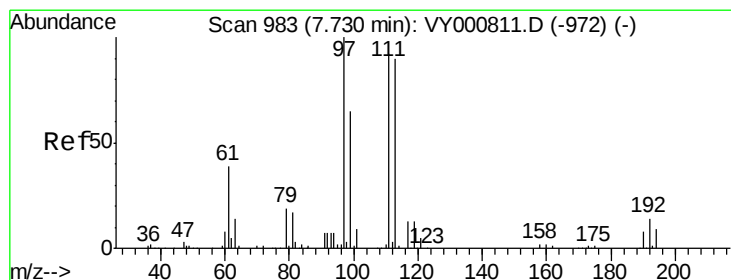
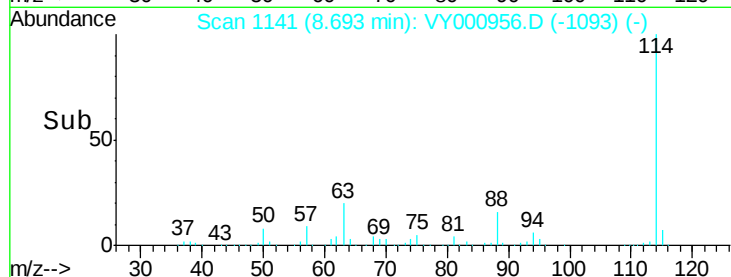
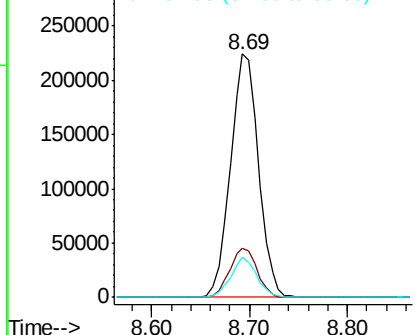
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :
178K-SB2

Tgt Ion:114 Resp: 443079
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.8
88 16.3 0.0 33.2

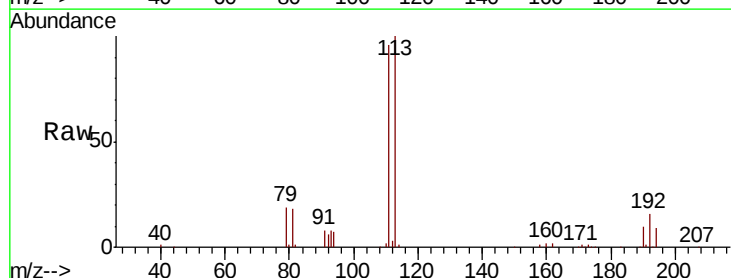


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

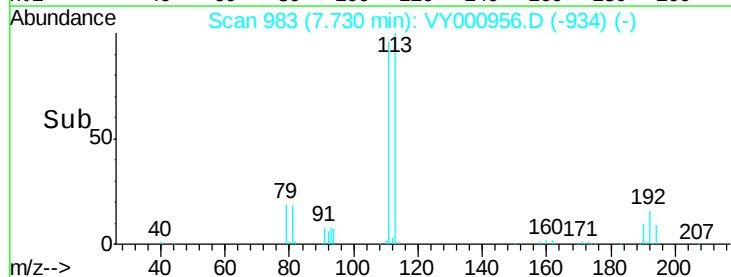
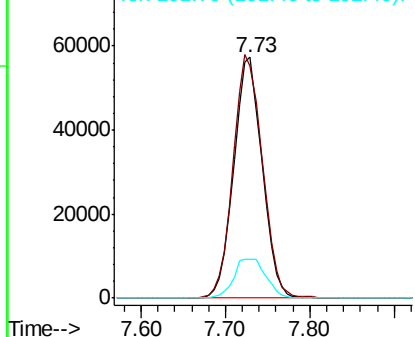


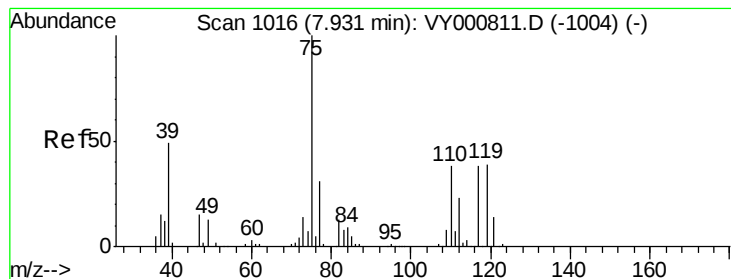
#35
Dibromofluoromethane
Concen: 50.475 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion:113 Resp: 130340
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.4 14.2 21.2



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: 4.281 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000956.D

Acq: 16 Dec 2019 15:49

Instrument :

MSVOA_Y

ClientSampled :

178K-SB2

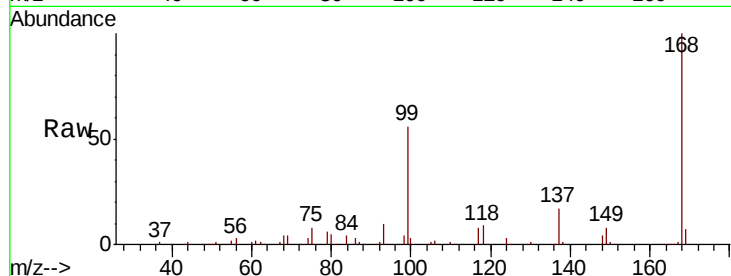
Tgt Ion: 75 Resp: 18861

Ion Ratio Lower Upper

75 100

110 10.4 17.9 53.7#

77 0.0 24.7 37.1#

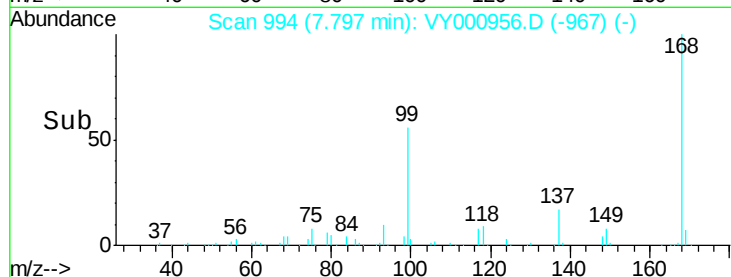


Abundance Ion 74.90 (74.60 to 75.60): VY000956.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY000956.D (-964) (-)

Ion 76.90 (76.60 to 77.60): VY000956.D (-967) (-)

Time-->

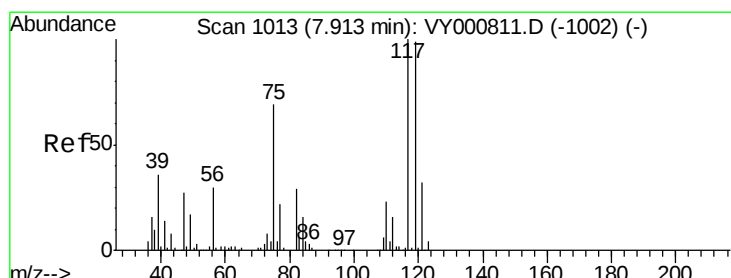


Abundance Ion 74.90 (74.60 to 75.60): VY000956.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY000956.D (-964) (-)

Ion 76.90 (76.60 to 77.60): VY000956.D (-967) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.816 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000956.D

Acq: 16 Dec 2019 15:49

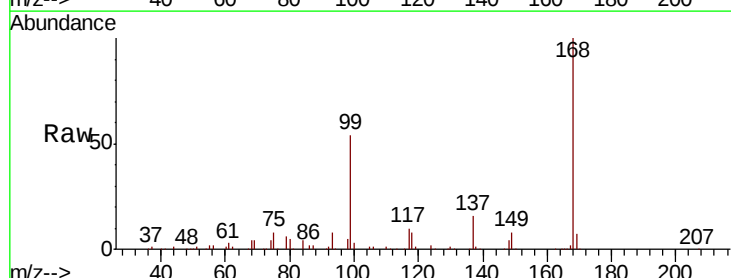
Tgt Ion: 117 Resp: 22820

Ion Ratio Lower Upper

117 100

119 7.0 79.3 118.9#

121 0.0 25.5 38.3#

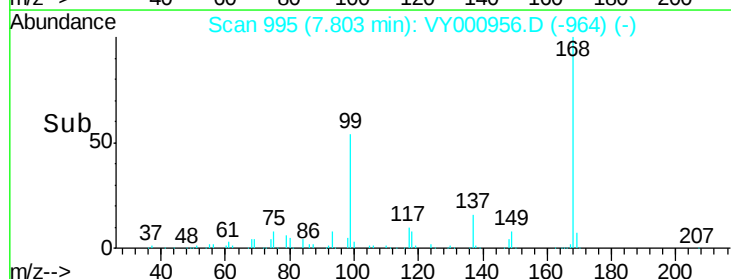


Abundance Ion 116.80 (116.50 to 117.50): VY000956.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000956.D (-967) (-)

Ion 120.80 (120.50 to 121.50): VY000956.D (-964) (-)

Time-->

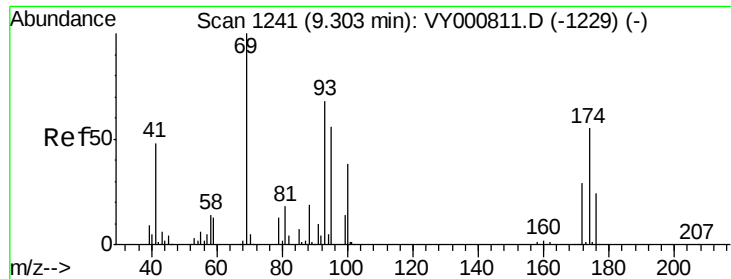


Abundance Ion 116.80 (116.50 to 117.50): VY000956.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000956.D (-967) (-)

Ion 120.80 (120.50 to 121.50): VY000956.D (-964) (-)

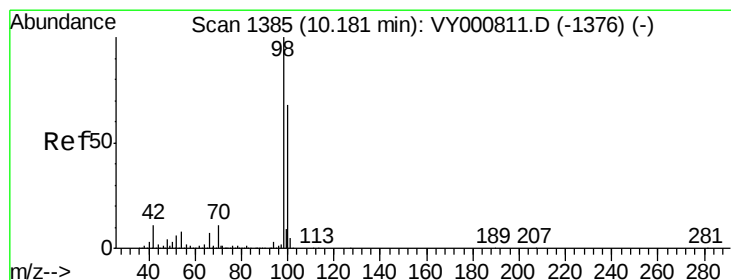
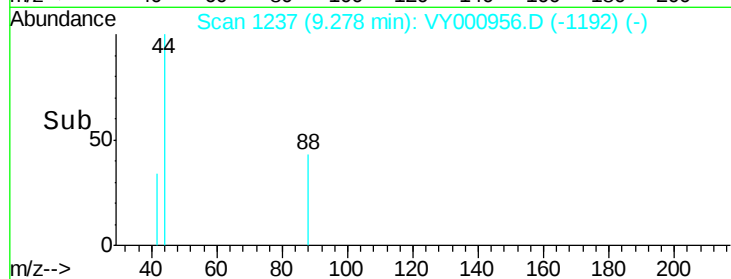
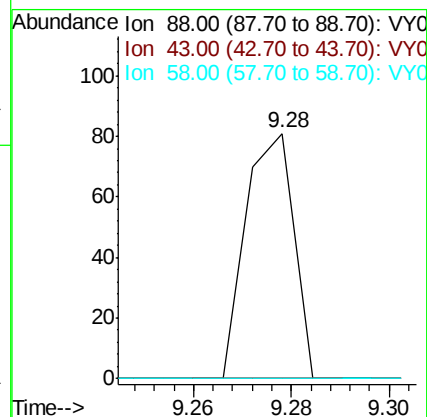
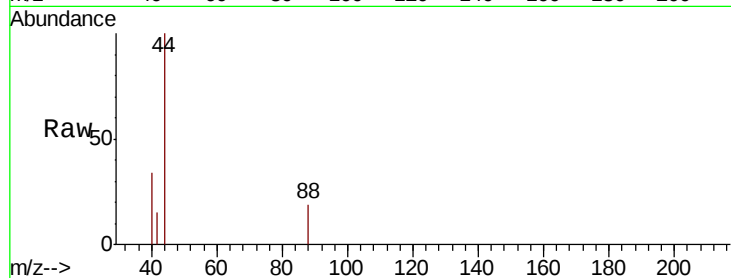
Time-->



#49
1,4-Dioxane
Concen: 2.305 ug/l
RT: 9.28 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

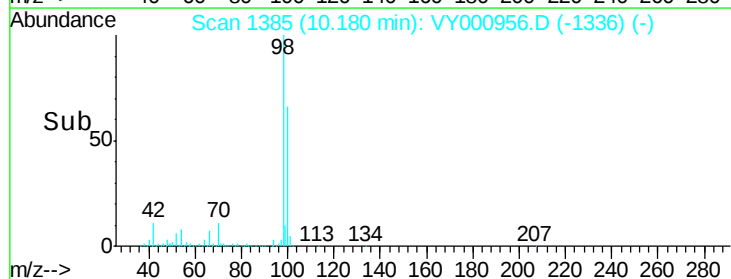
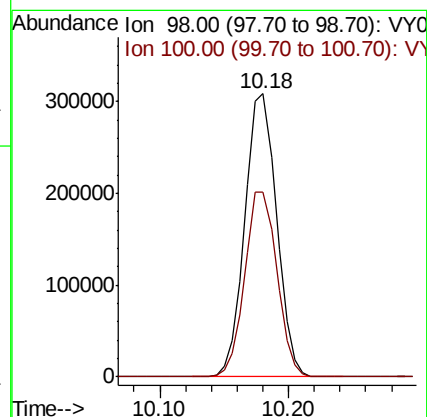
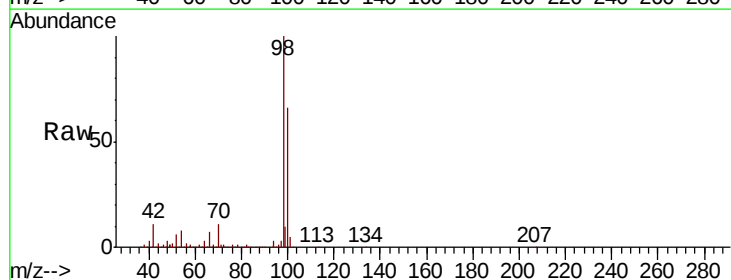
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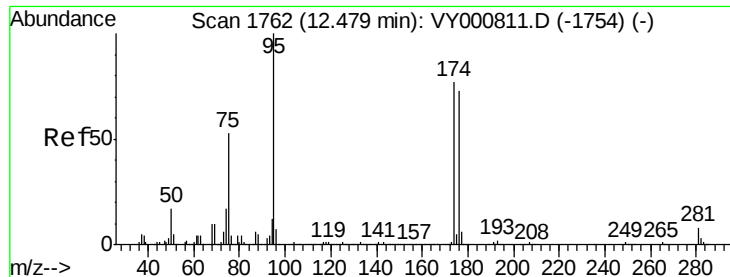
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 21.1 31.7#
58 0.0 50.7 76.1#



#50
Toluene-d8
Concen: 51.044 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion: 98 Resp: 526963
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

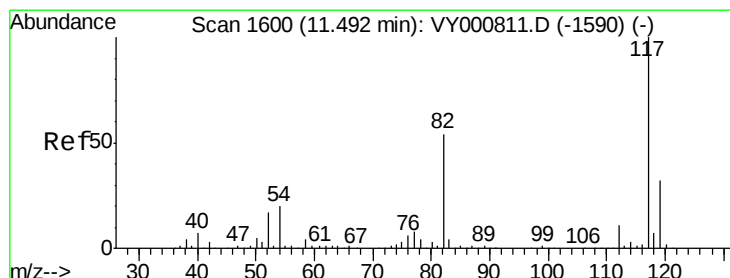
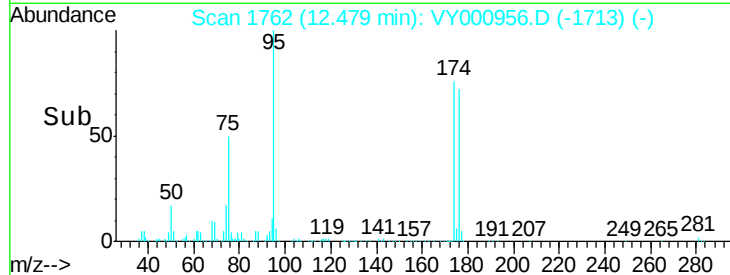
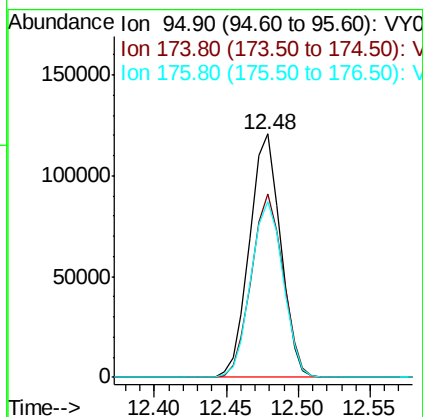
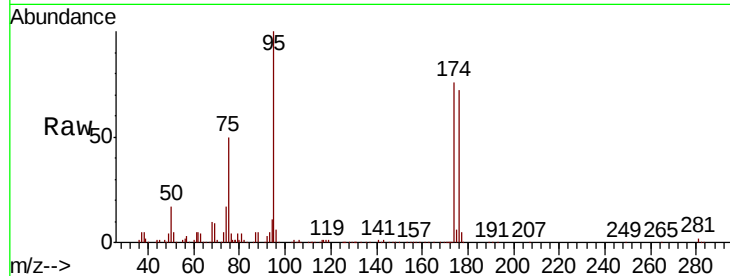




#62
4-Bromofluorobenzene
Concen: 46.527 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

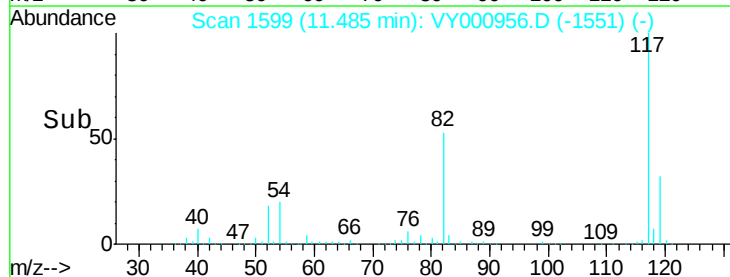
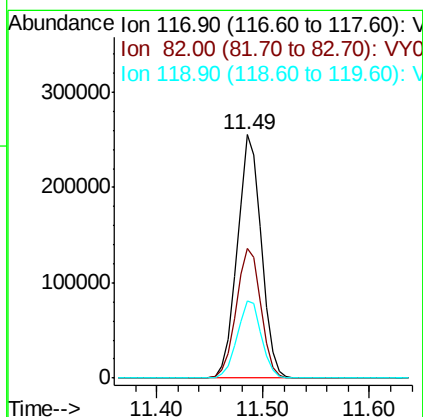
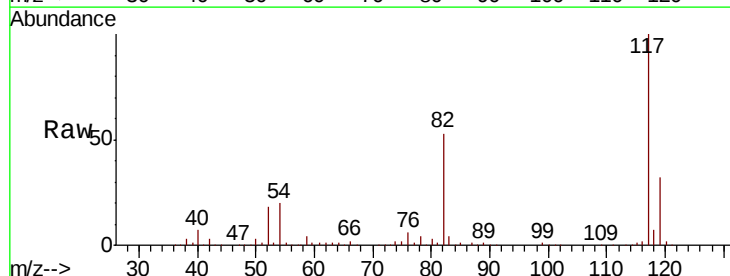
Instrument :
MSVOA_Y
ClientSampleId :
178K-SB2

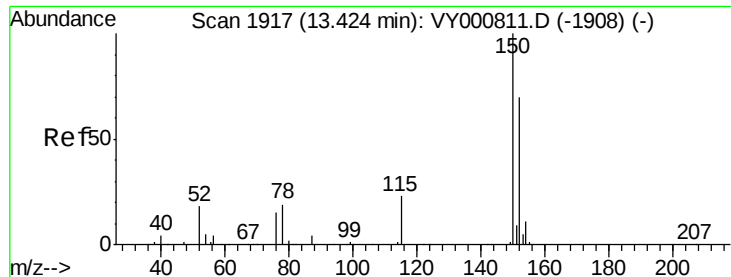
Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	150.6
176	74.8	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.1	64.7
119	31.7	25.3	37.9



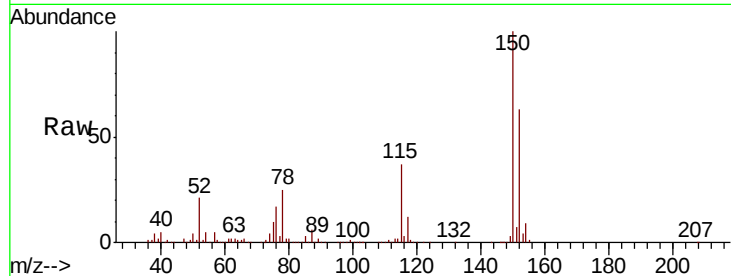


#72

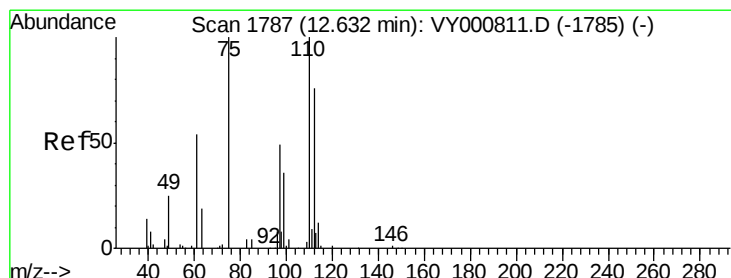
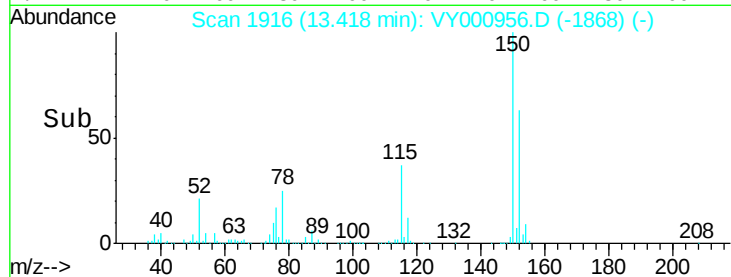
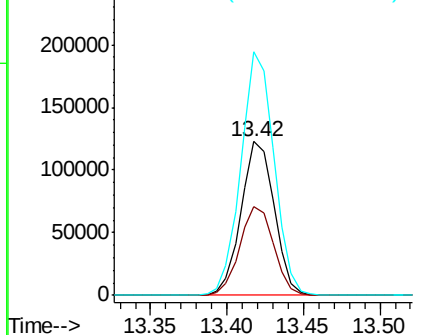
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Instrument :
MSVOA_Y
ClientSampleId :
178K-SB2

Tgt Ion:152 Resp: 185577
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.8
150 157.6 0.0 351.2



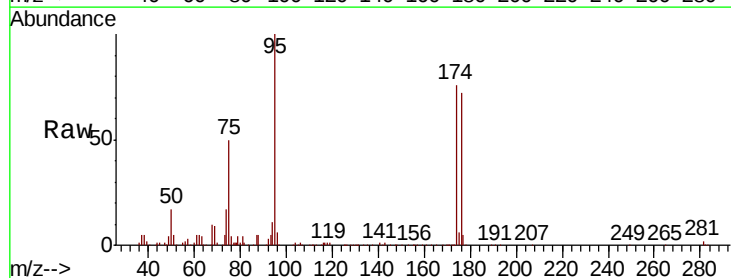
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



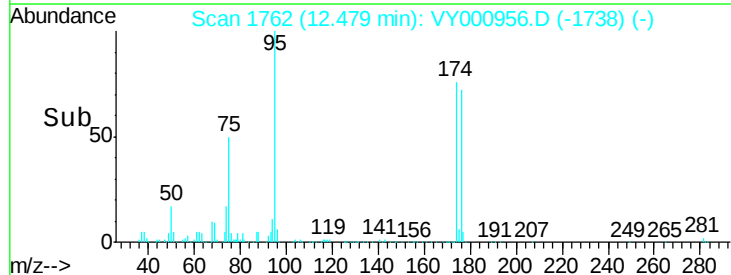
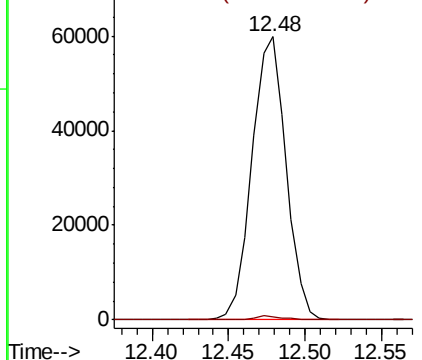
#76

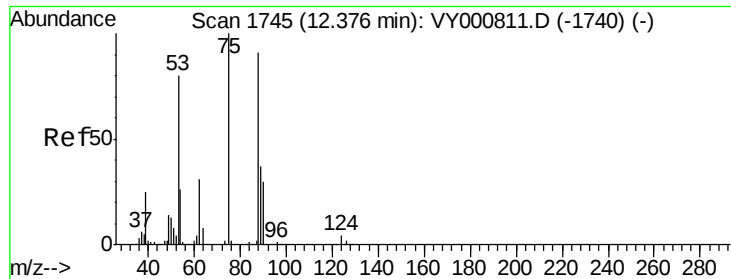
1,2,3-Trichloropropane
Concen: 44.144 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000956.D
Acq: 16 Dec 2019 15:49

Tgt Ion: 75 Resp: 92815
Ion Ratio Lower Upper
75 100
77 1.2 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: 86.711 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000956.D

Acq: 16 Dec 2019 15:49

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB2

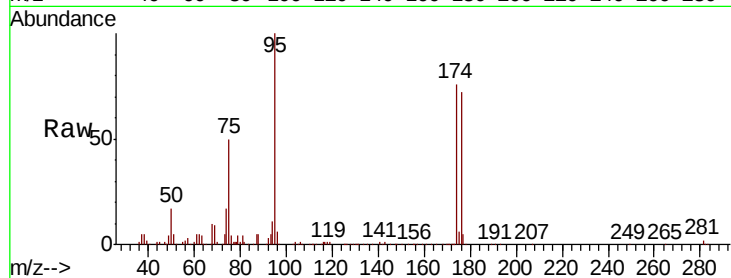
Tgt Ion: 75 Resp: 92815

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#



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

