

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000152.D
 Acq On : 26 Sep 2019 15:06
 Operator : SY/MD
 Sample : K5038-02RE
 Misc : 4.83g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 16:09:12 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

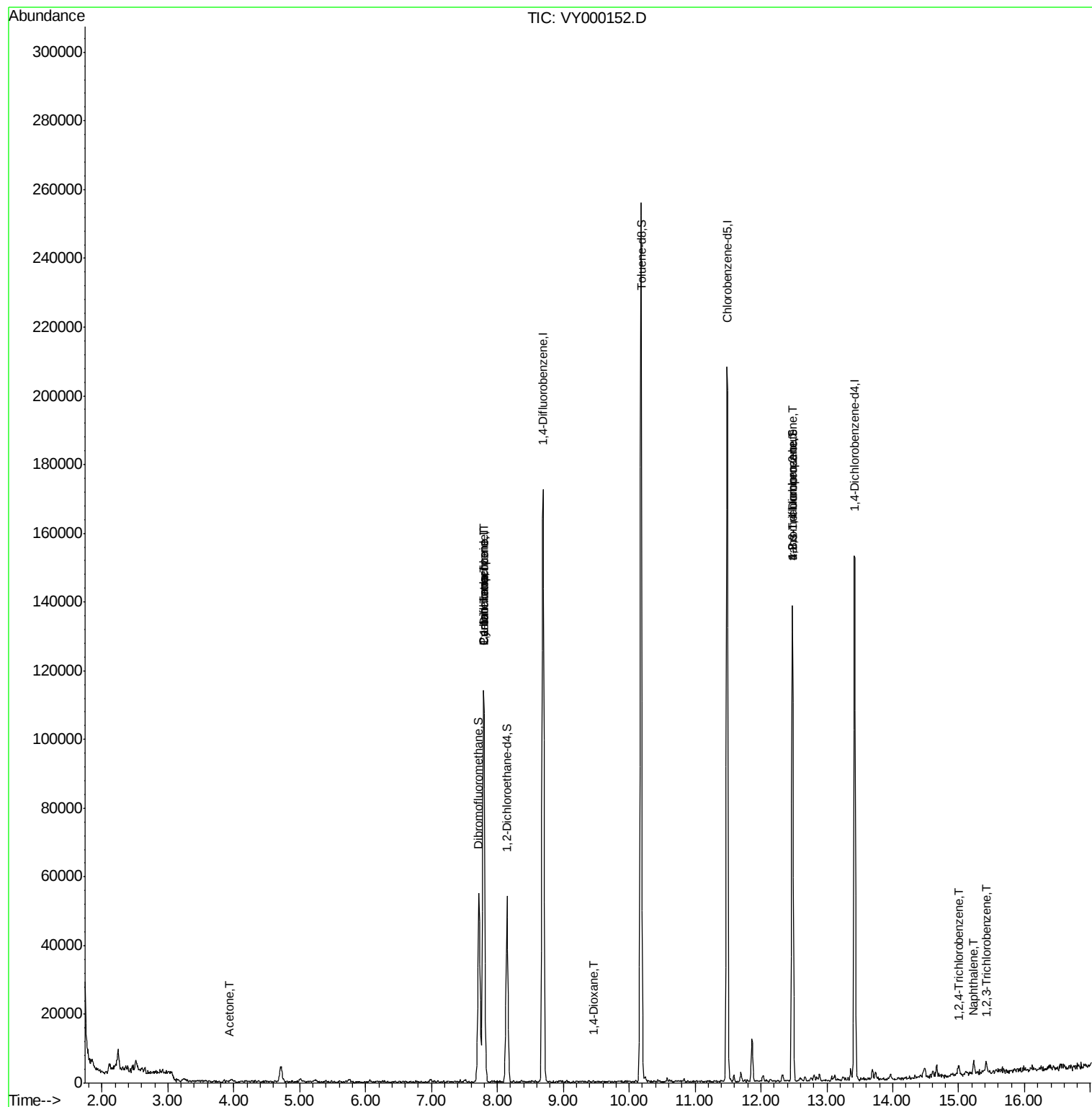
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	95228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	159216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	124571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	40853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	37414	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
35) Dibromofluoromethane	7.72	113	39189	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	10.18	98	171975	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.48	95	45604	35.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.87	85	19	Below Cal	#	39
3) Chloromethane	2.10	50	1261	Below Cal		93
16) Acetone	3.94	43	241	1.139	ug/l #	37
20) Methylene Chloride	4.72	84	3430	Below Cal	#	74
31) Cyclohexane	7.80	56	1987	1.233	ug/l #	28
36) 1,1-Dichloropropene	7.79	75	6508	4.919	ug/l #	47
38) Carbon Tetrachloride	7.79	117	8650	6.697	ug/l #	15
49) 1,4-Dioxane	9.45	88	30	3.451	ug/l #	28
76) 1,2,3-Trichloropropane	12.48	75	21287	51.774	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	21287	103.176	ug/l #	18
93) 1,2,4-Trichlorobenzene	15.01	180	993	1.123	ug/l	99
95) Naphthalene	15.23	128	2881	1.455	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.42	180	927	1.169	ug/l	80

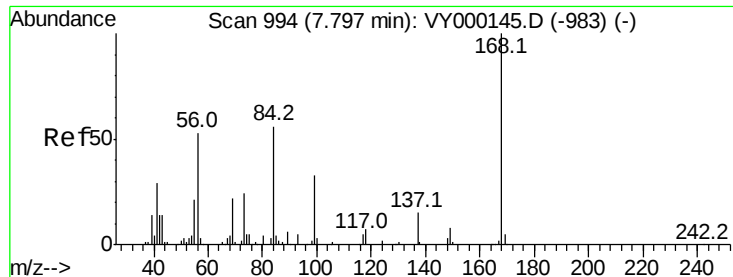
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
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Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:30:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

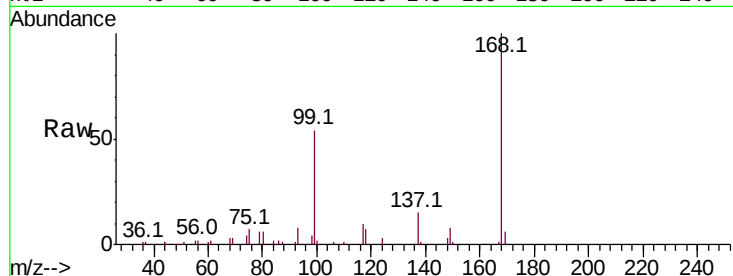
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 95228

Ion Ratio Lower Upper

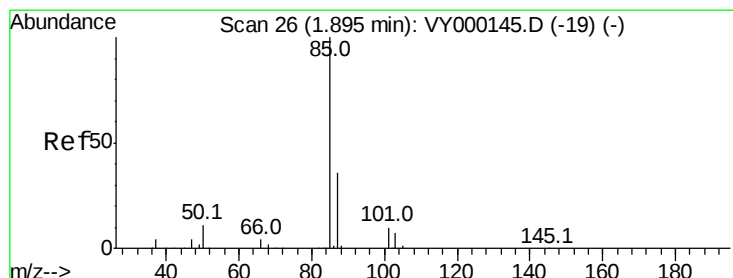
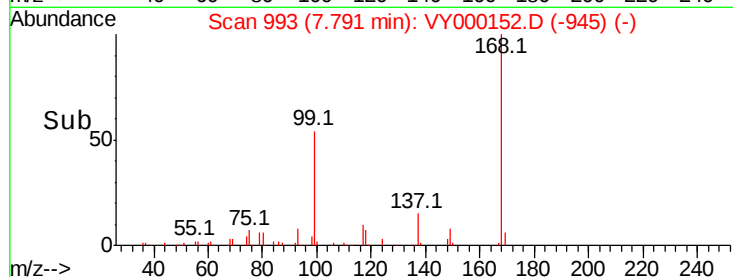
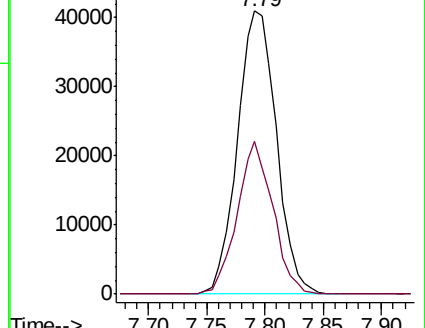
168 100

99 53.9 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) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.87 min Scan# 22

Delta R.T. -0.02 min

Lab File: VY000152.D

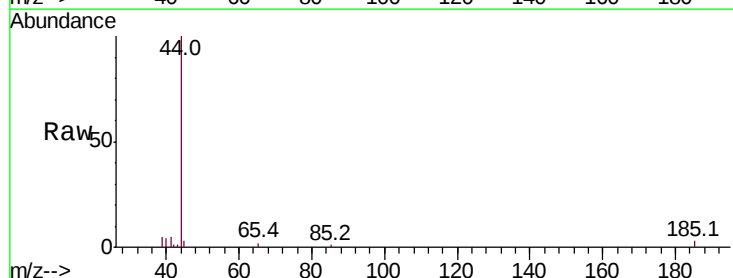
Acq: 26 Sep 2019 15:06

Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

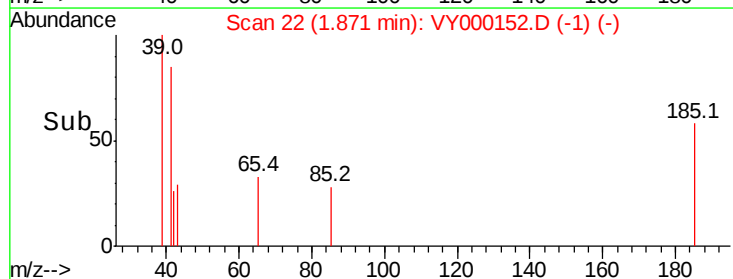
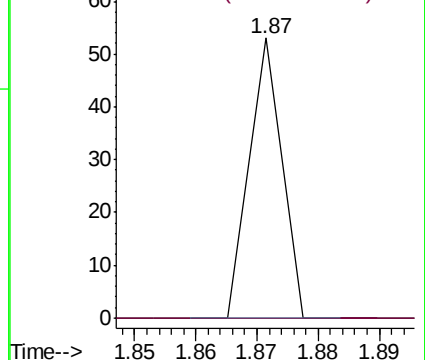
85 100

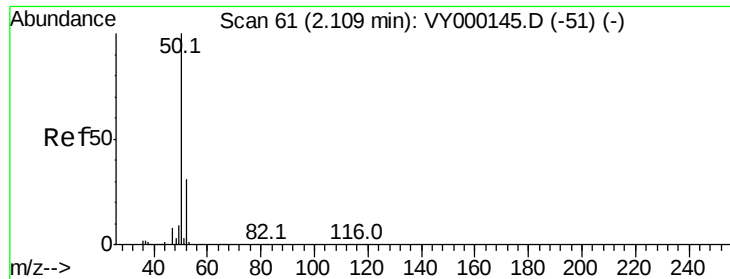
87 0.0 17.9 53.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000145.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY000145.D (-19) (-)





#3

Chloromethane

Concen: Below Cal

RT: 2.10 min Scan# 60

Delta R.T. -0.00 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

Instrument :

MSVOA_Y

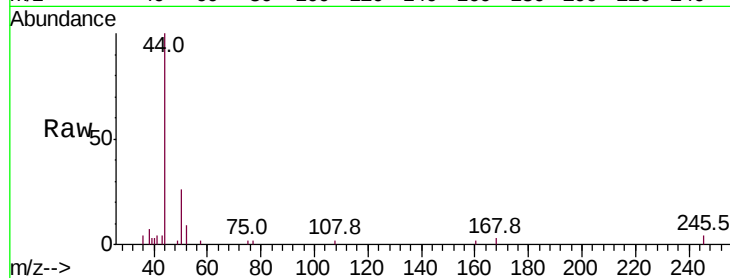
ClientSampled :

Tot Ion: 50 Resp: 1261

Ion Ratio Lower Upper

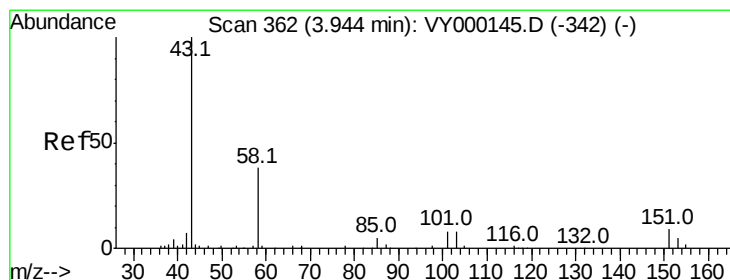
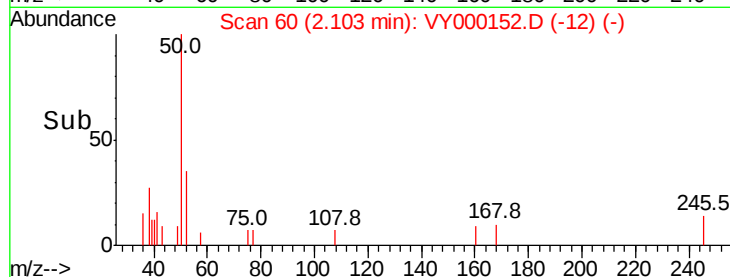
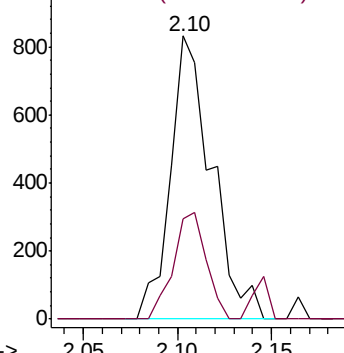
50 100

52 35.3 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#16

Acetone

Concen: 1.139 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.00 min

Lab File: VY000152.D

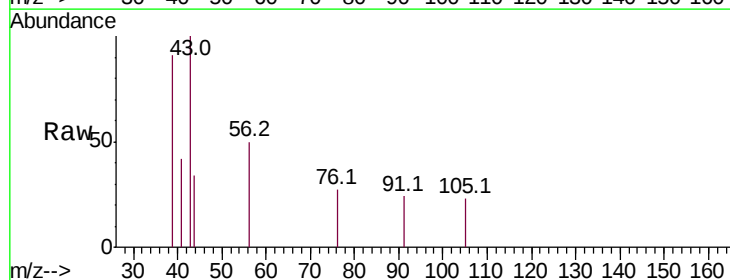
Acq: 26 Sep 2019 15:06

Tgt Ion: 43 Resp: 241

Ion Ratio Lower Upper

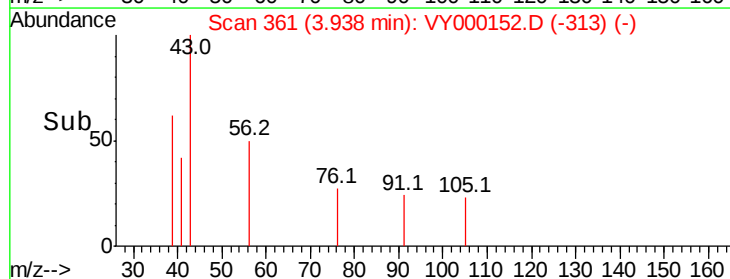
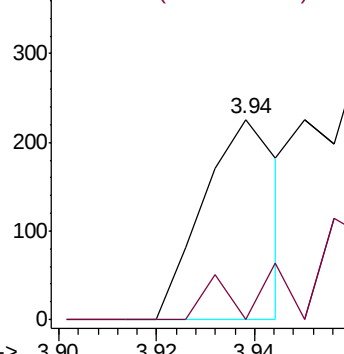
43 100

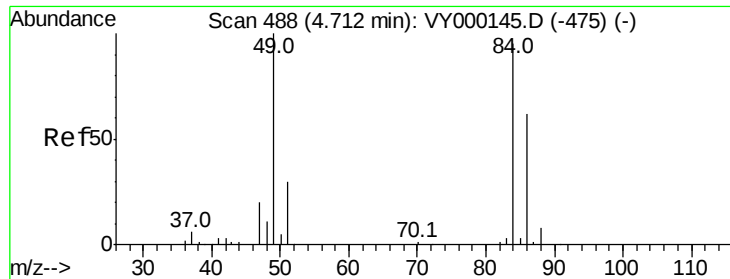
58 0.0 30.4 45.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

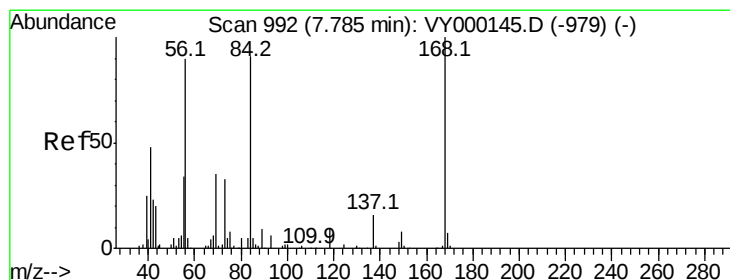
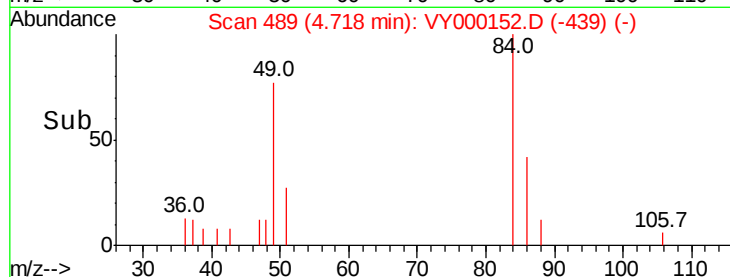
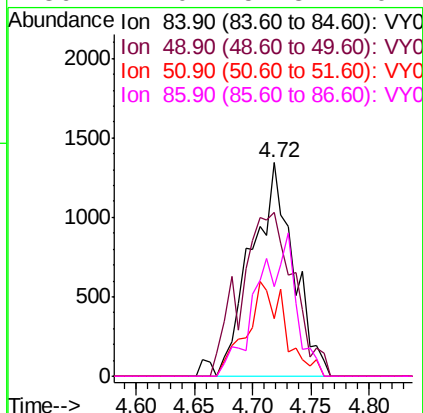
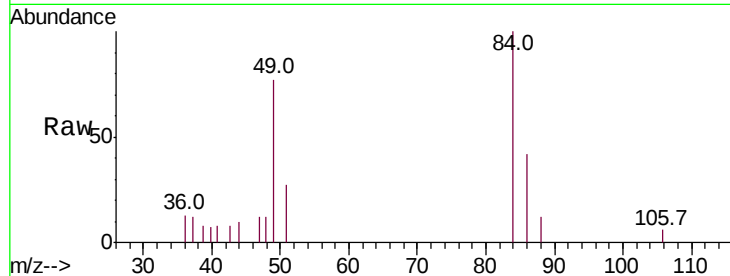




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000152.D
Acq: 26 Sep 2019 15:06

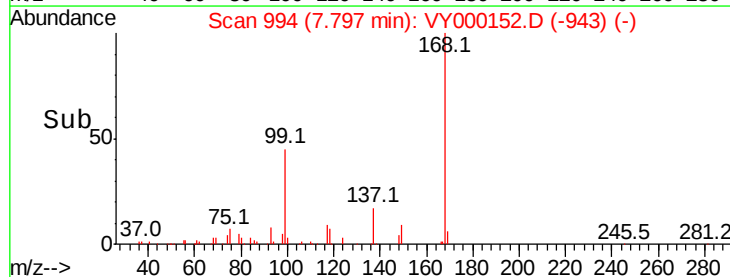
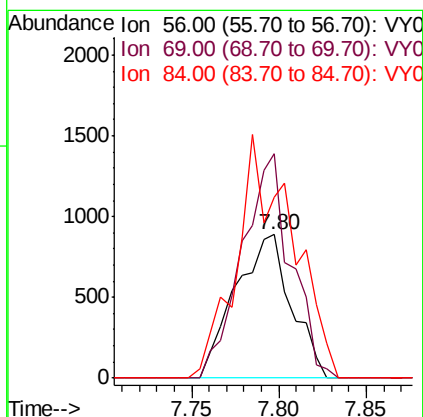
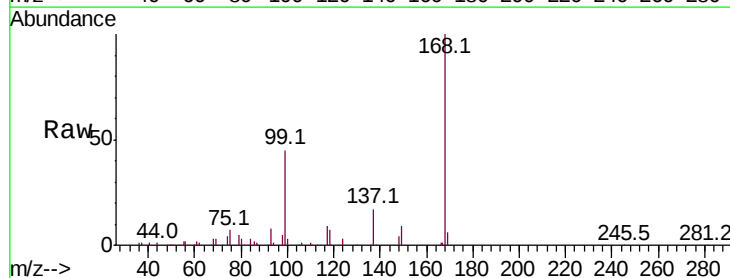
Instrument :
MSVOA_Y
ClientSampleId :

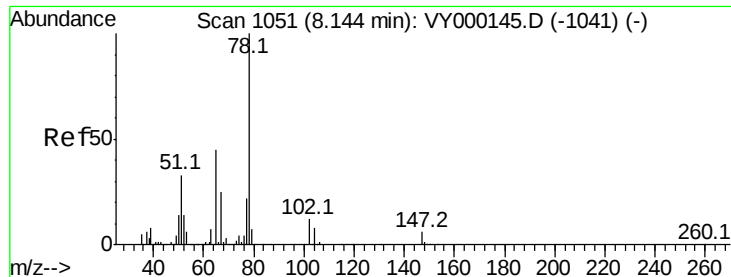
Tot Ion:	84	Resp:	3430
Ion	Ratio	Lower	Upper
84	100		
49	76.7	84.6	126.8#
51	27.2	25.4	38.2
86	42.0	52.8	79.2#



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000152.D
Acq: 26 Sep 2019 15:06

Tgt Ion:	56	Resp:	1987
Ion	Ratio	Lower	Upper
56	100		
69	156.5	31.1	46.7#
84	126.1	80.5	120.7#





#33

1,2-Dichloroethane-d4

Concen: 44.863 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

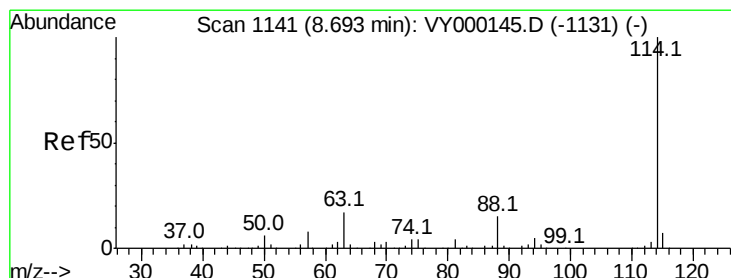
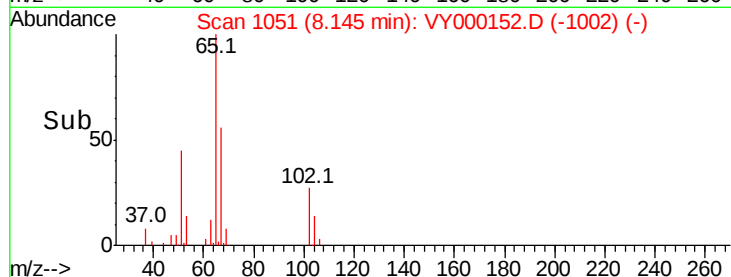
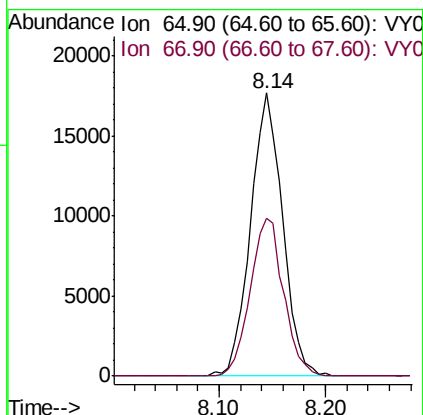
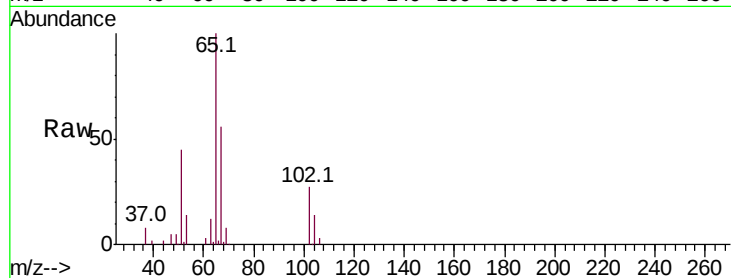
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 37414

Ion Ratio Lower Upper

65 100

67 57.9 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

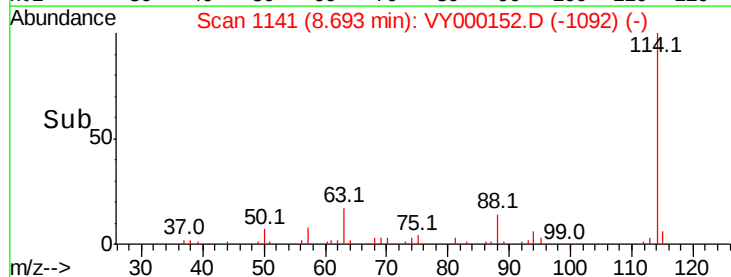
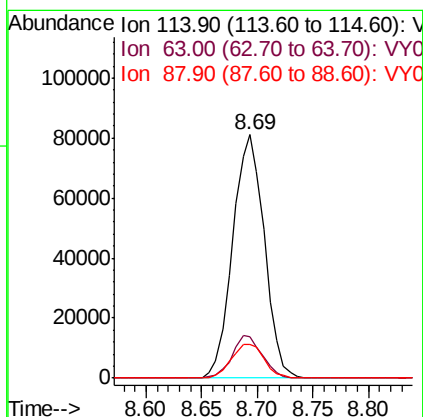
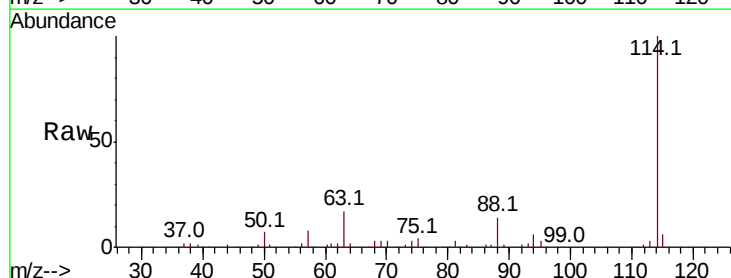
Tgt Ion: 114 Resp: 159216

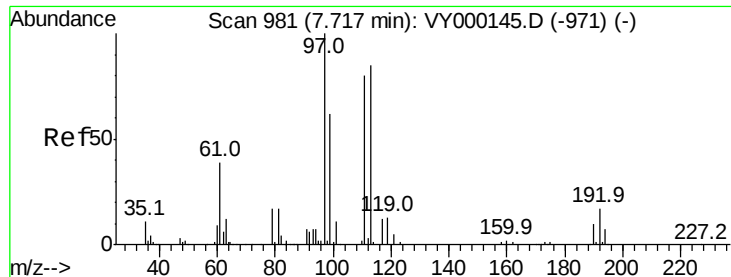
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.6

88 13.9 0.0 30.6

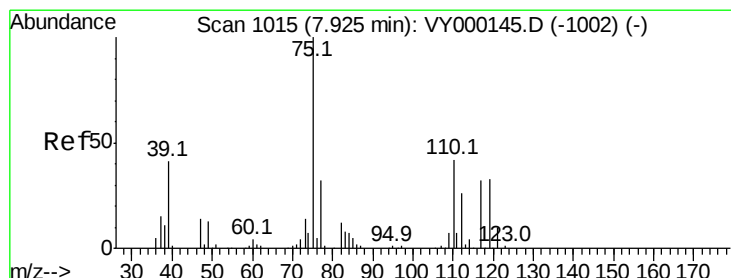
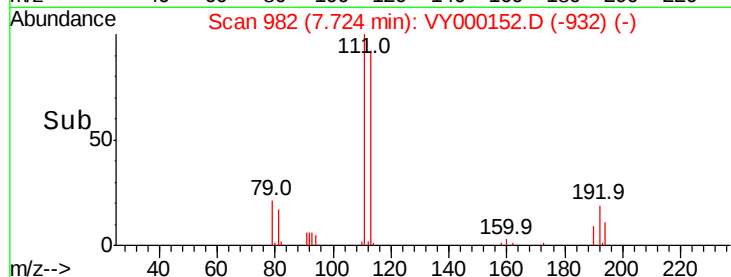
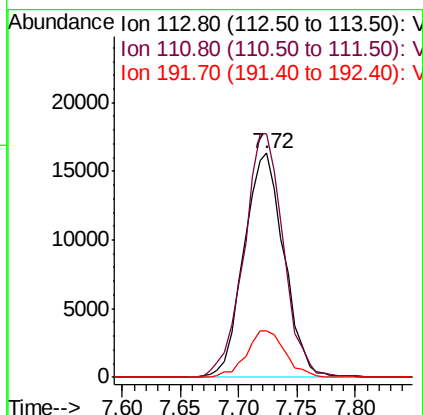
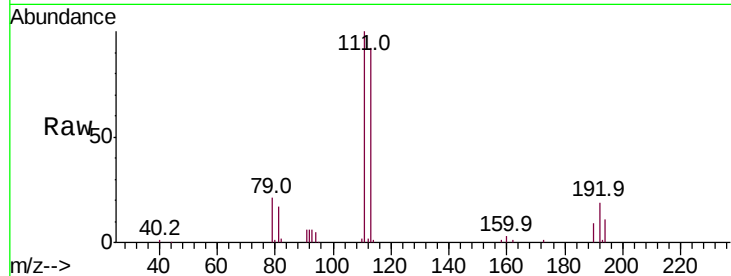




#35
Dibromofluoromethane
Concen: 47.000 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY000152.D
Acq: 26 Sep 2019 15:06

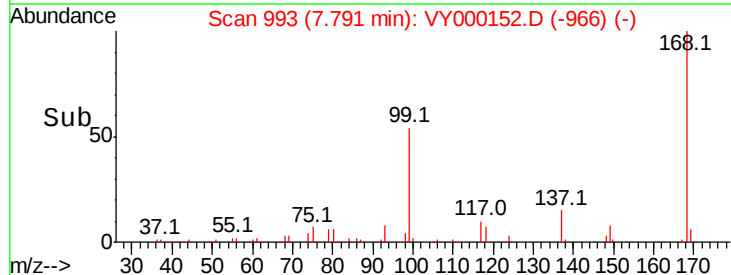
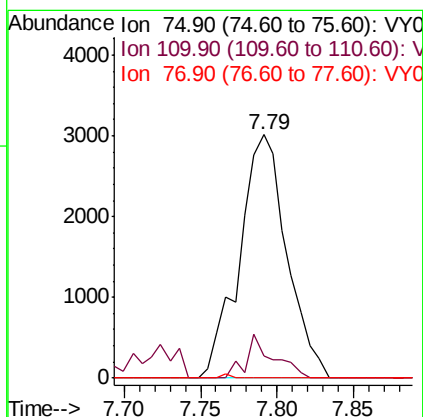
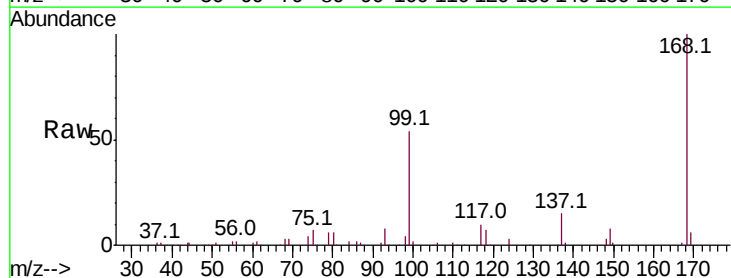
Instrument :
MSVOA_Y
ClientSampleId :

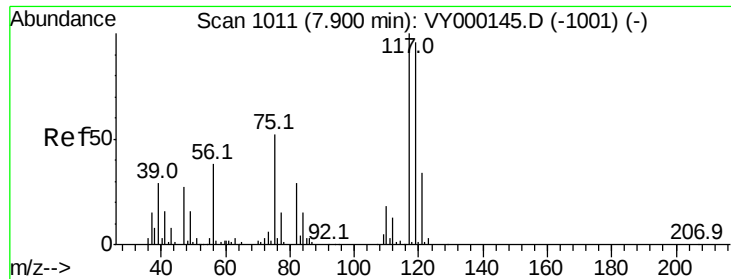
Tot Ion:113 Resp: 39189
Ion Ratio Lower Upper
113 100
111 107.1 82.0 123.0
192 20.1 17.3 25.9



#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY000152.D
Acq: 26 Sep 2019 15:06

Tgt Ion: 75 Resp: 6508
Ion Ratio Lower Upper
75 100
110 10.3 21.1 63.1#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.697 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.11 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

Instrument :

MSVOA_Y

ClientSampleId :

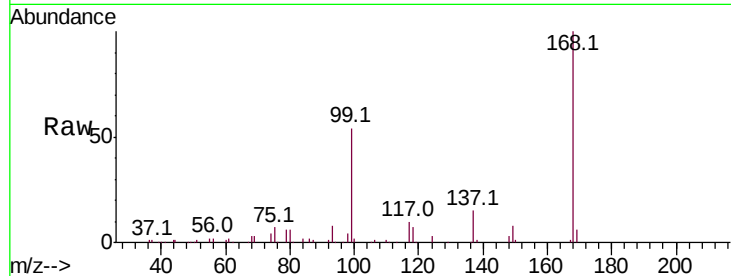
Tot Ion:117 Resp: 8650

Ion Ratio Lower Upper

117 100

119 3.7 76.9 115.3#

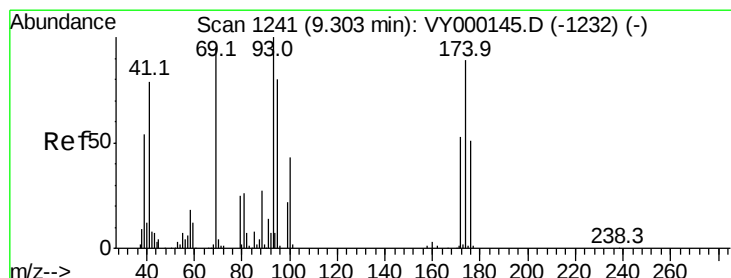
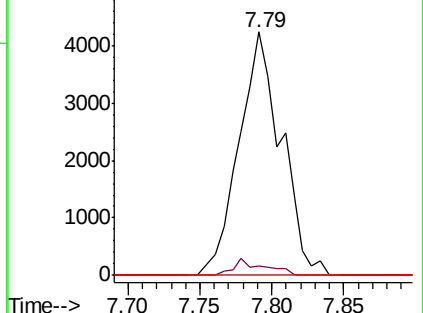
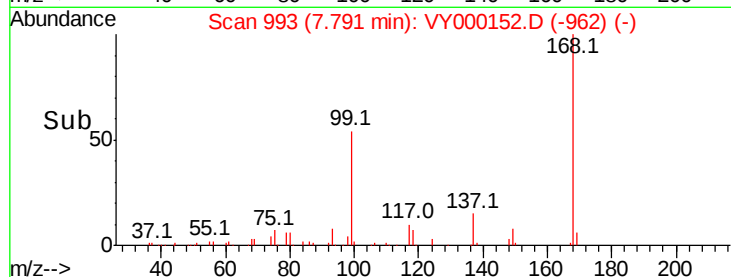
121 0.0 27.4 41.0#



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



#49

1,4-Dioxane

Concen: 3.451 ug/l

RT: 9.45 min Scan# 1265

Delta R.T. 0.15 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

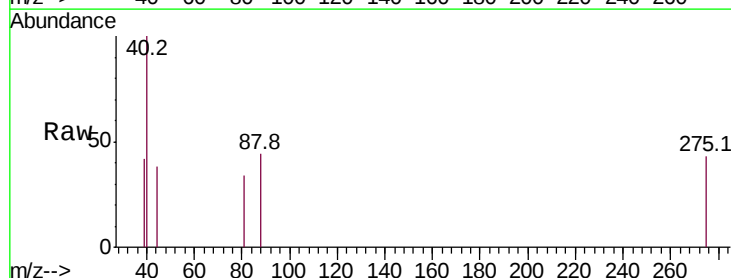
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 0.0 24.4 36.6#

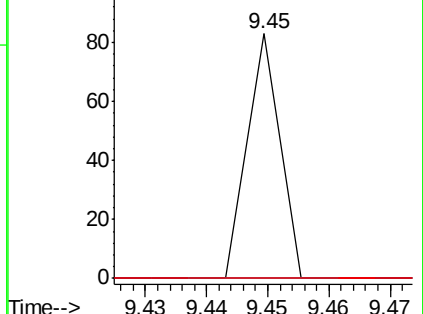
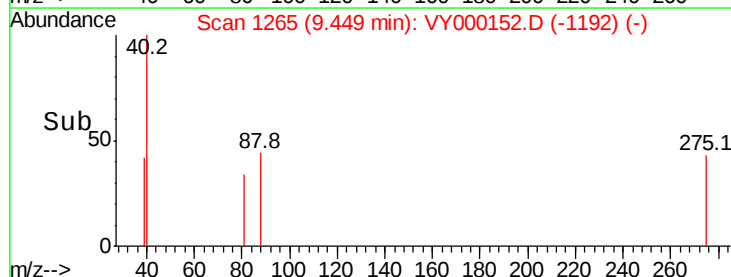
58 0.0 49.2 73.8#

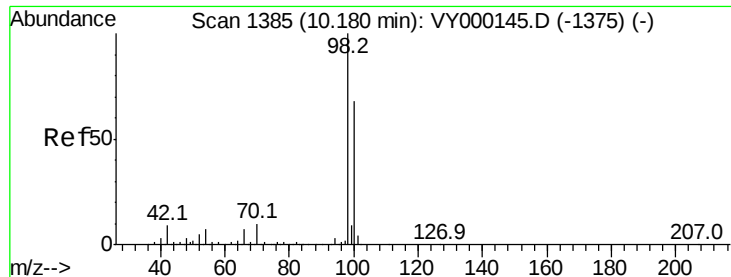


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 48.740 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

Instrument :

MSVOA_Y

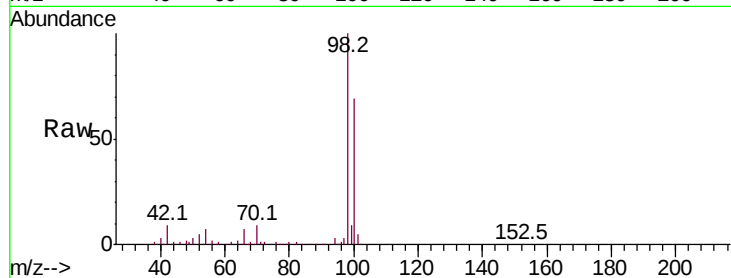
ClientSampleId :

Tot Ion: 98 Resp: 171975

Ion Ratio Lower Upper

98 100

100 67.6 54.2 81.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

120000

100000

80000

60000

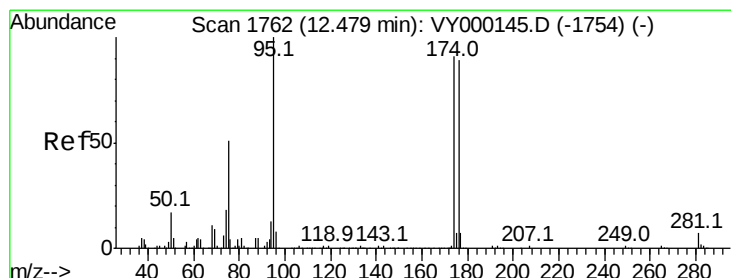
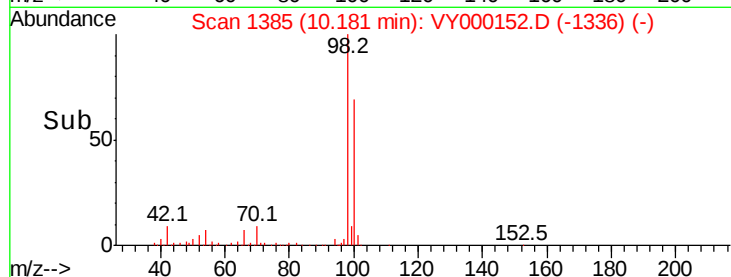
40000

20000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 35.460 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

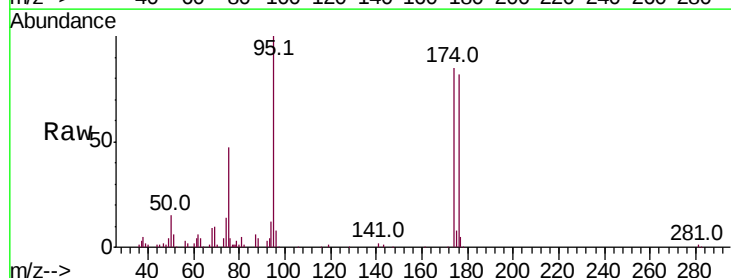
Tgt Ion: 95 Resp: 45604

Ion Ratio Lower Upper

95 100

174 85.7 0.0 180.6

176 79.3 0.0 171.6



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

30000

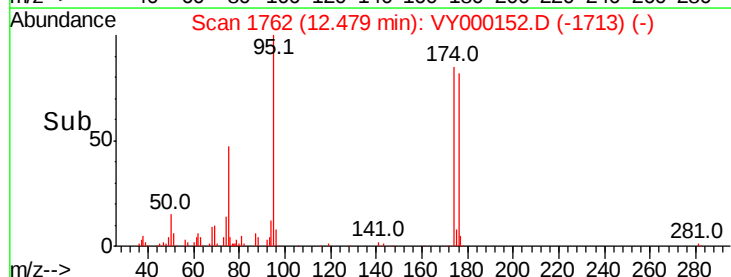
20000

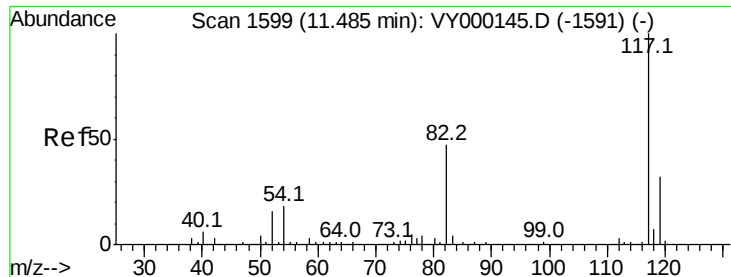
10000

0

12.40 12.45 12.50 12.55

Time-->

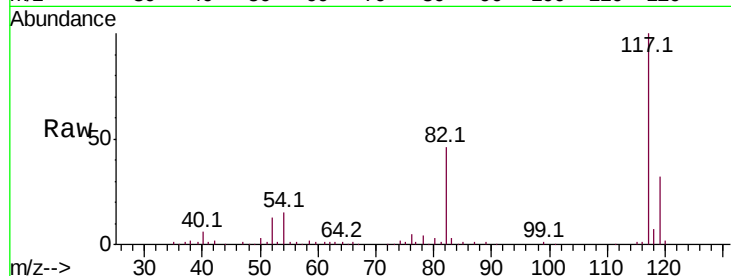




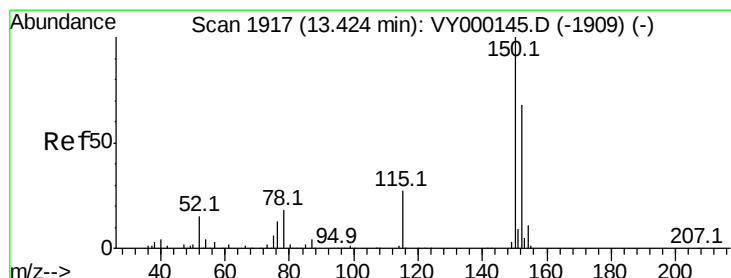
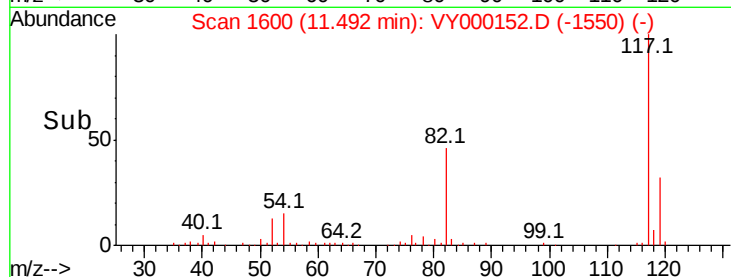
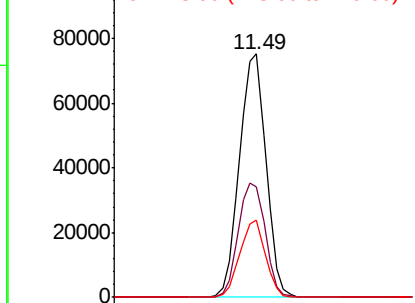
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY000152.D
Acq: 26 Sep 2019 15:06

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 124571
Ion Ratio Lower Upper
117 100
82 45.6 37.7 56.5
119 31.6 25.4 38.2

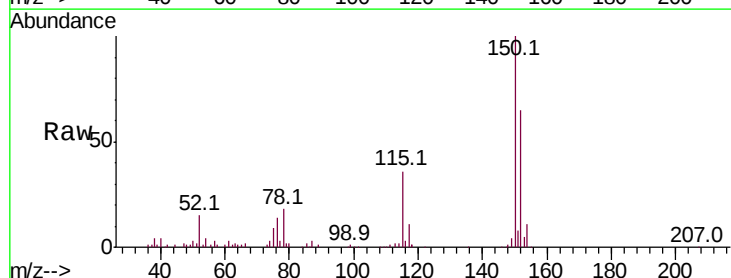


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

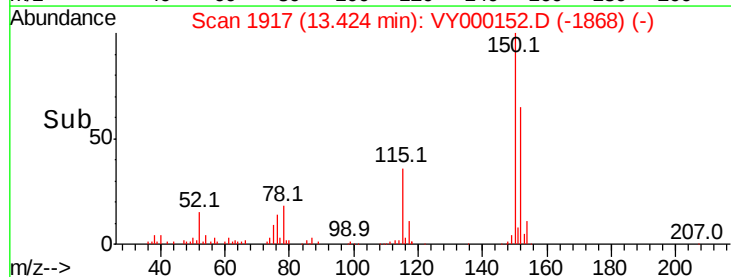
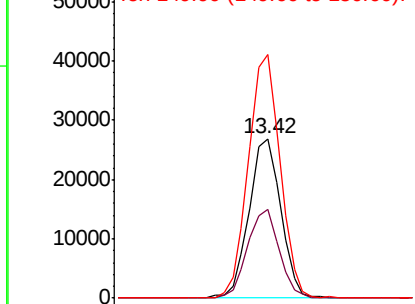


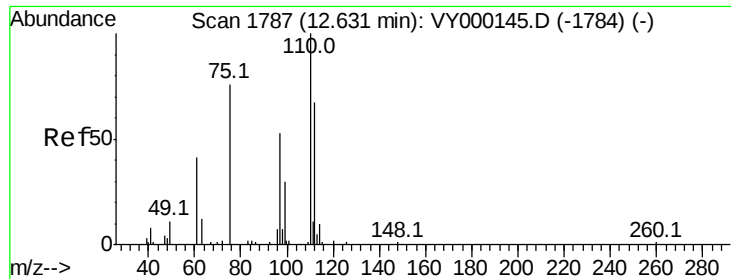
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000152.D
Acq: 26 Sep 2019 15:06

Tgt Ion:152 Resp: 40853
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 152.9 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: 51.774 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

Instrument :

MSVOA_Y

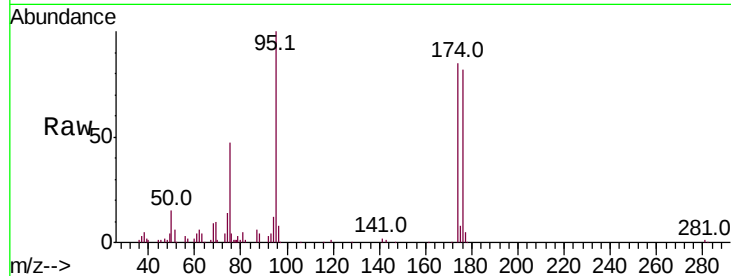
ClientSampled :

Tot Ion: 75 Resp: 21287

Ion Ratio Lower Upper

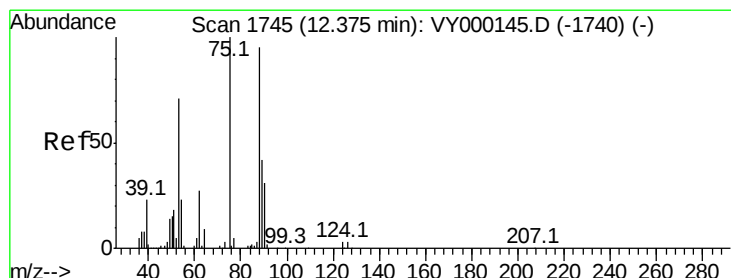
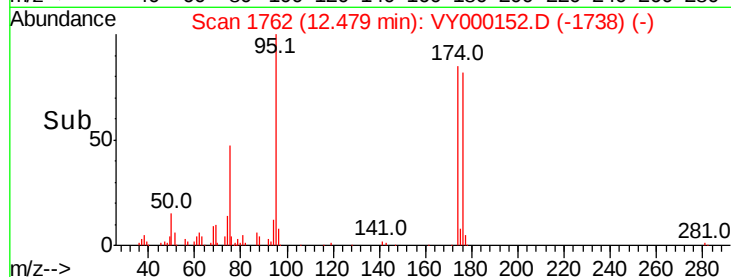
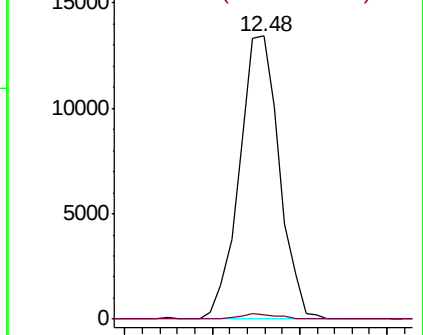
75 100

77 1.7 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: 103.176 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000152.D

Acq: 26 Sep 2019 15:06

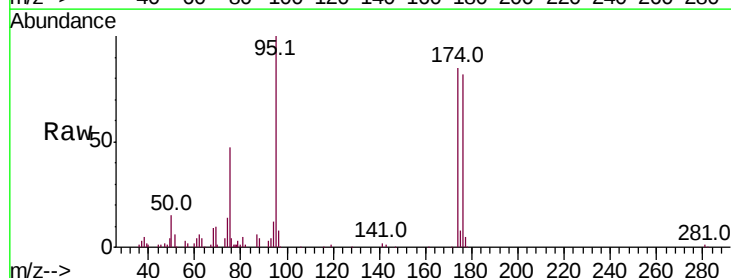
Tgt Ion: 75 Resp: 21287

Ion Ratio Lower Upper

75 100

53 0.0 61.8 92.8#

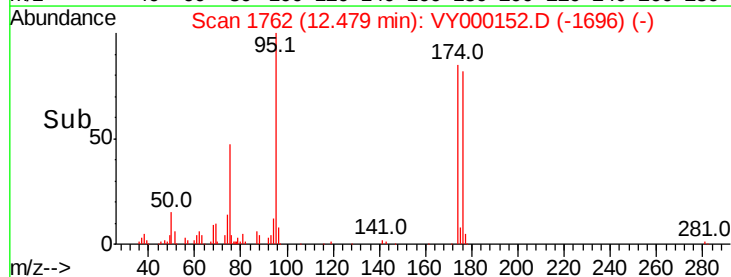
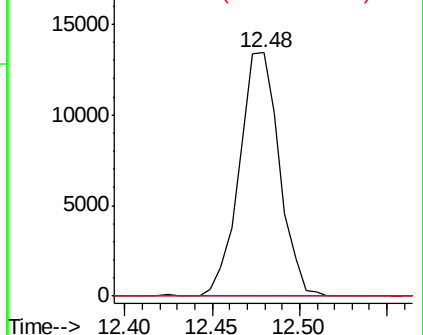
89 0.0 35.6 53.4#

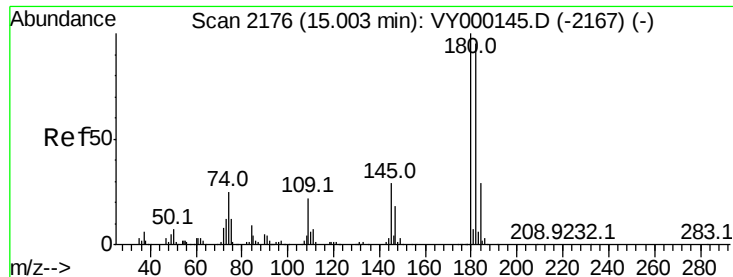


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

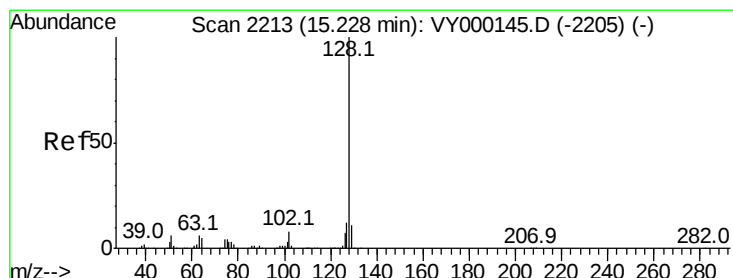
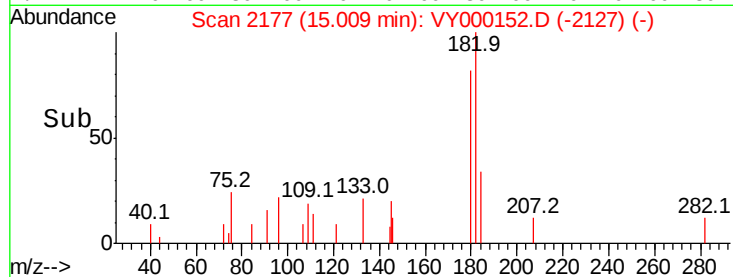
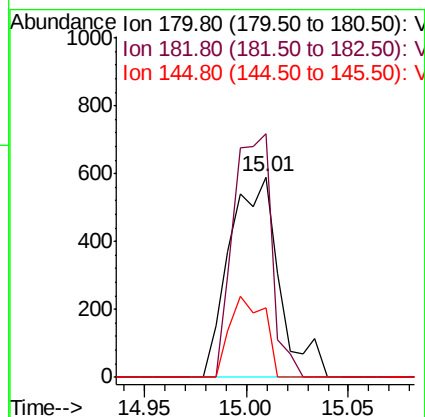
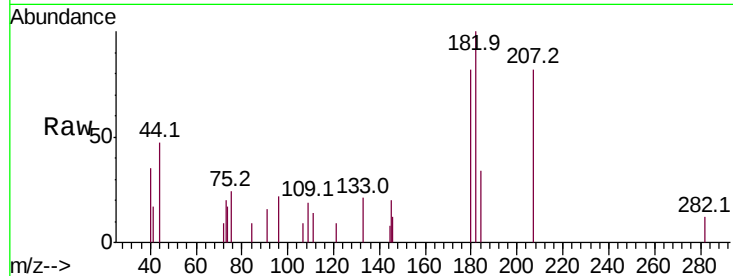




#93
 1,2,4-Trichlorobenzene
 Concen: 1.123 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000152.D
 Acq: 26 Sep 2019 15:06

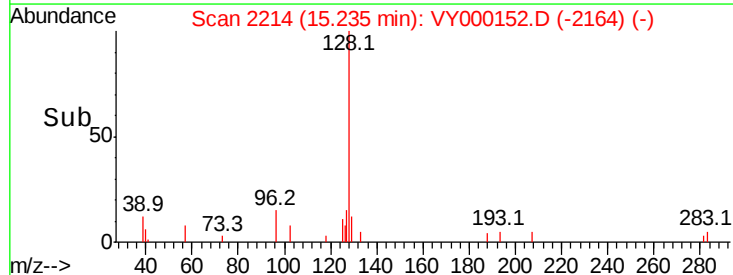
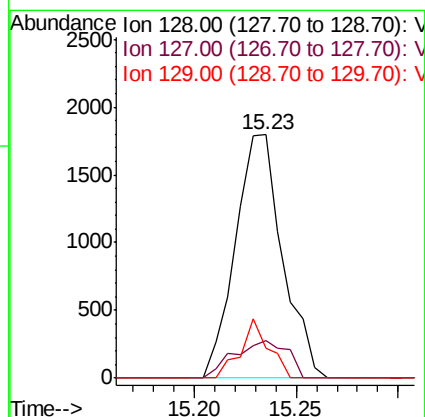
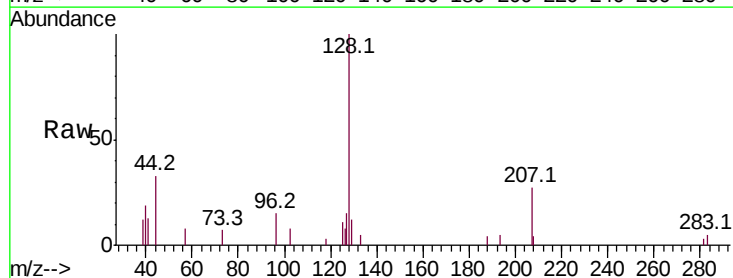
Instrument :
 MSVOA_Y
 ClientSampled :

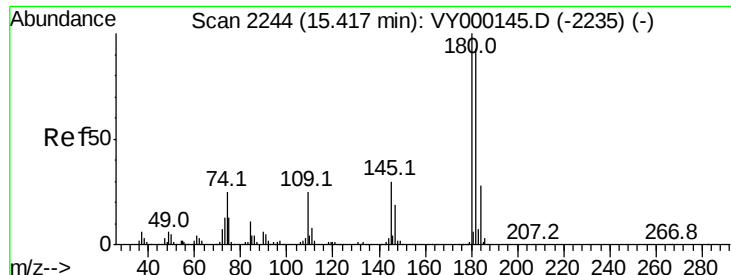
Tot Ion:180 Resp: 993
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.0 141.2
 145 28.3 14.6 44.0



#95
 Naphthalene
 Concen: 1.455 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.01 min
 Lab File: VY000152.D
 Acq: 26 Sep 2019 15:06

Tgt Ion:128 Resp: 2881
 Ion Ratio Lower Upper
 128 100
 127 17.4 9.5 14.3#
 129 14.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.169 ug/l
 RT: 15.42 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VY000152.D
 Acq: 26 Sep 2019 15:06

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	113.7	46.6	139.7
145	40.2	15.4	46.4

