

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003037.D
 Acq On : 30 Jun 2020 16:04
 Operator : SY/MD
 Sample : L3153-28
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:14:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	365545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	585794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	554263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	260863	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	202382	55.74	ug/l	0.00
Spiked Amount						
			Recovery	=	111.48%	
35) Dibromofluoromethane	7.72	113	193112	52.85	ug/l	0.00
Spiked Amount						
			Recovery	=	105.70%	
50) Toluene-d8	10.18	98	697175	51.21	ug/l	0.00
Spiked Amount						
			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.48	95	246049	51.34	ug/l	0.00
Spiked Amount						
			Recovery	=	102.68%	

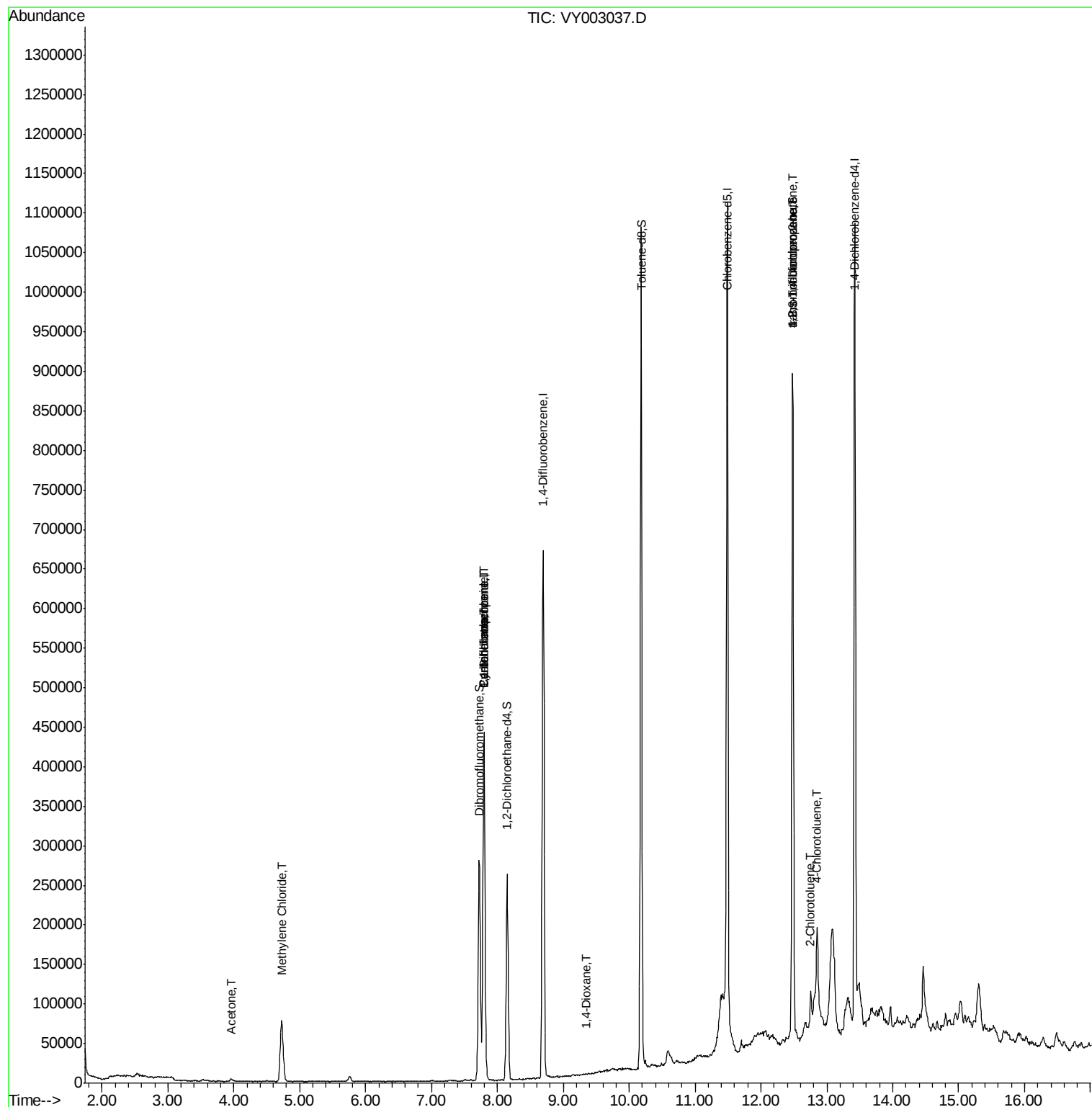
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	5899	6.889	ug/l #	86
20) Methylene Chloride	4.72	84	61285	10.537	ug/l	97
31) Cyclohexane	7.80	56	6489	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	24252	4.298	ug/l #	51
38) Carbon Tetrachloride	7.80	117	32735	5.576	ug/l #	16
49) 1,4-Dioxane	9.35	88	44	1.553	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	125360	48.556	ug/l #	100
79) 2-Chlorotoluene	12.75	91	23483	2.049	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.48	75	125360	94.470	ug/l #	13
82) 4-Chlorotoluene	12.85	91	46926	3.933	ug/l	98

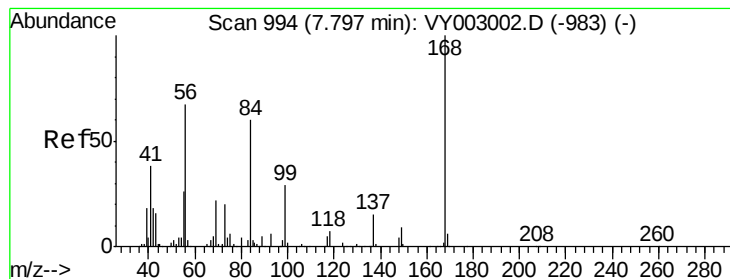
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003037.D
Acq On : 30 Jun 2020 16:04
Operator : SY/MD
Sample : L3153-28
Misc : 6.45G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 01 05:14:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
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: VY003037.D

Acq: 30 Jun 2020 16:04

Instrument :

MSVOA_Y

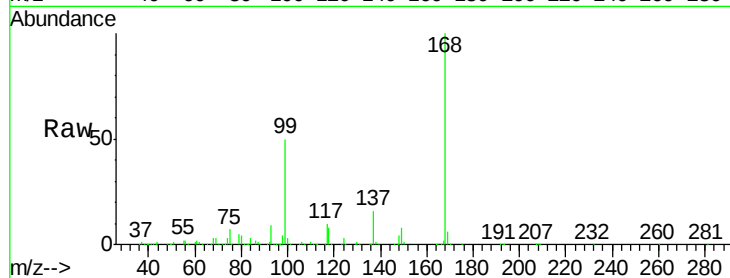
ClientSampleId :

Tot Ion:168 Resp: 365545

Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003037.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003037.D (-945) (-)

7.80

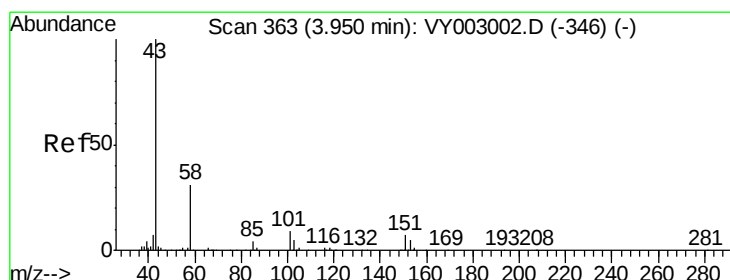
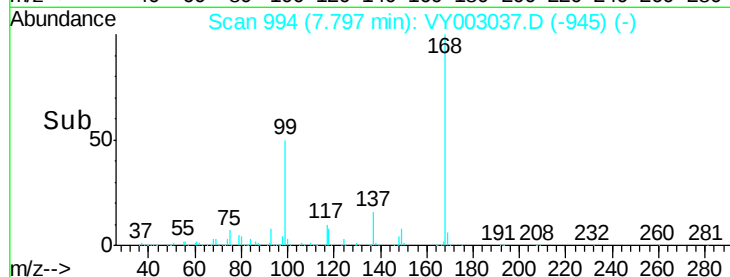
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.889 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003037.D

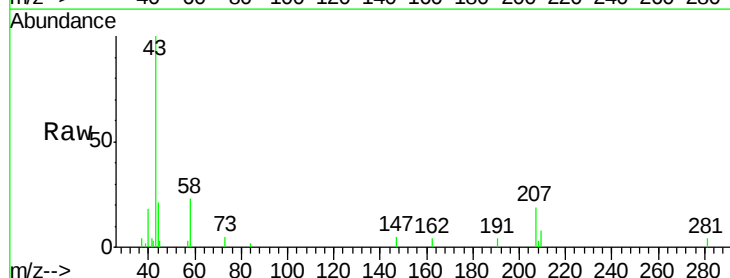
Acq: 30 Jun 2020 16:04

Tgt Ion: 43 Resp: 5899

Ion Ratio Lower Upper

43 100

58 23.4 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003037.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003037.D (-314) (-)

3.96

3000

2500

2000

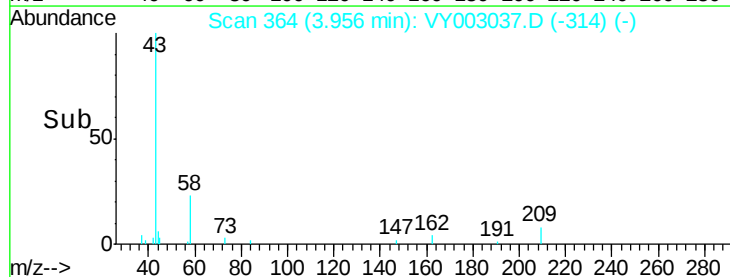
1500

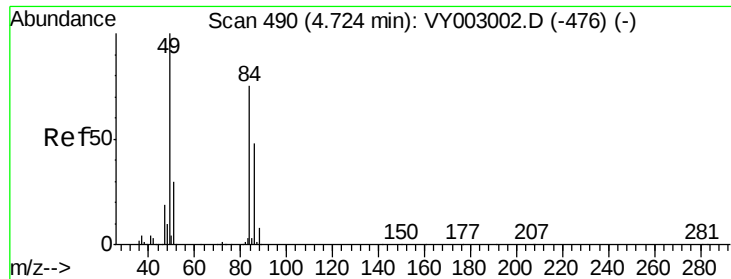
1000

500

0

Time-->

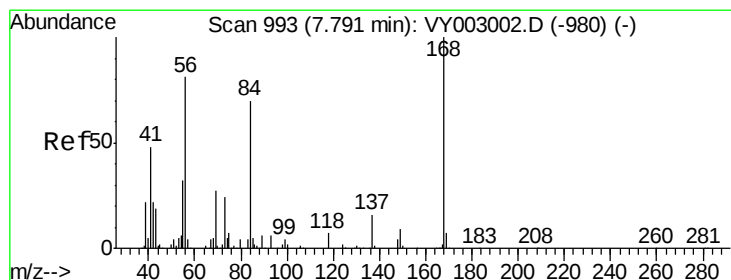
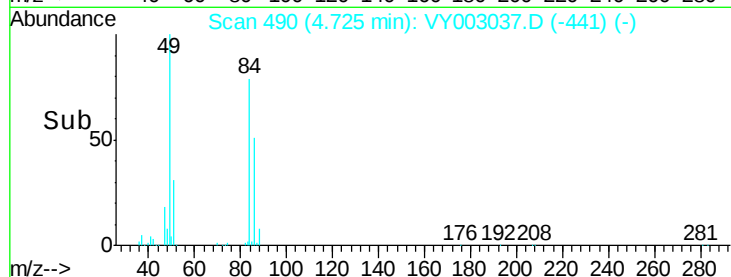
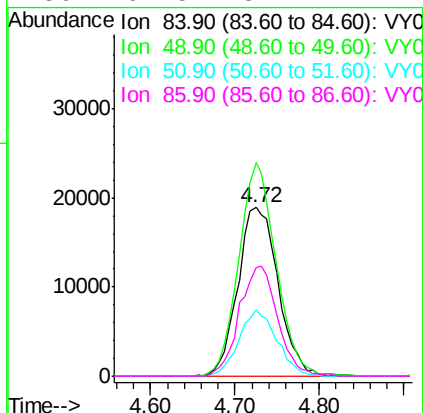
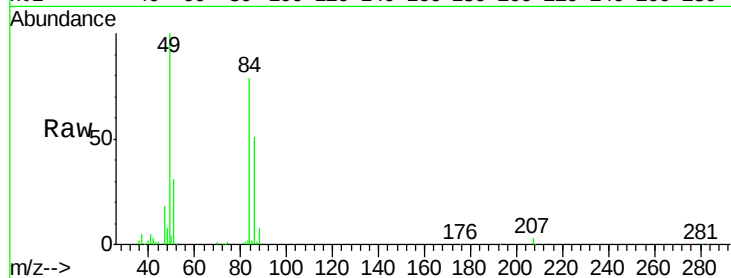




#20
Methvlene Chloride
Concen: 10.537 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

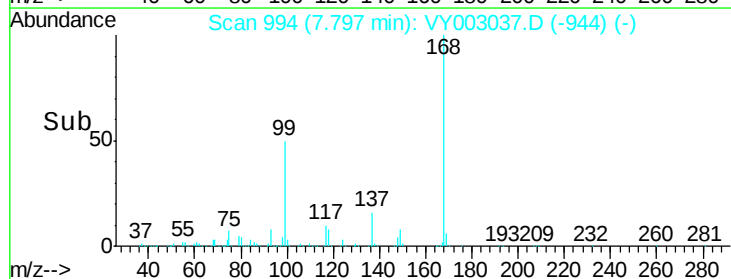
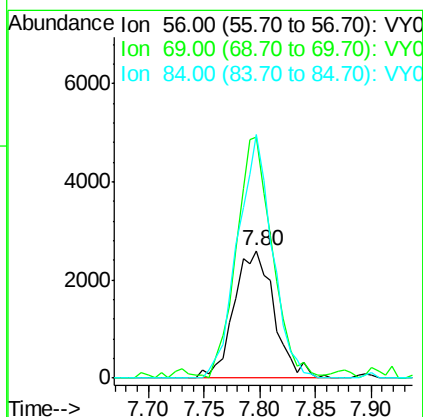
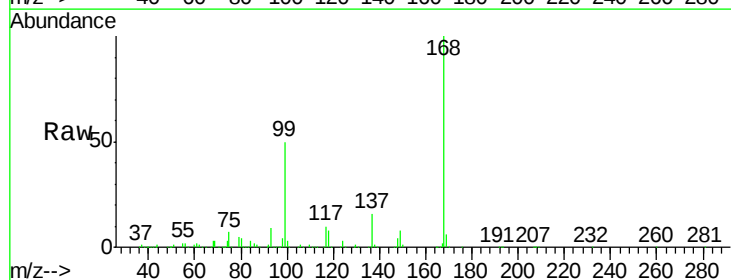
Instrument :
MSVOA_Y
ClientSampleId :

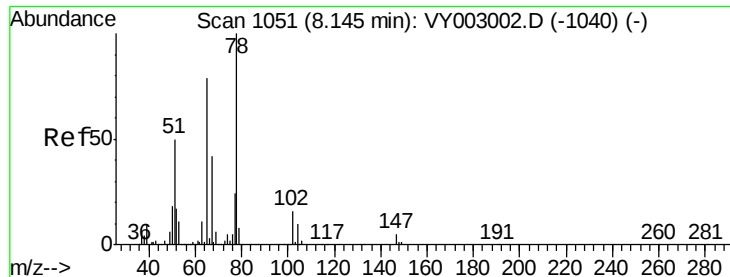
Tot Ion:	84	Resp:	61285
Ion	Ratio	Lower	Upper
84	100		
49	126.7	106.8	160.2
51	39.7	32.0	48.0
86	64.5	51.4	77.2



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

Tgt Ion:	56	Resp:	6489
Ion	Ratio	Lower	Upper
56	100		
69	186.4	27.0	40.4#
84	191.2	68.1	102.1#





#33

1,2-Dichloroethane-d4

Concen: 55.743 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003037.D

Acq: 30 Jun 2020 16:04

Instrument :

MSVOA_Y

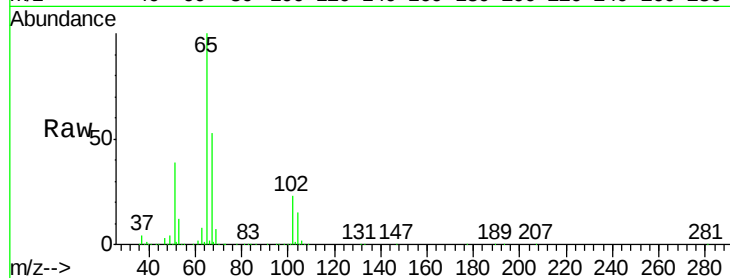
ClientSampleId :

Tot Ion: 65 Resp: 202382

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

100000

80000

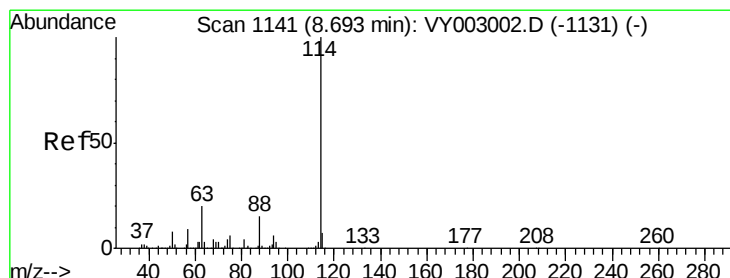
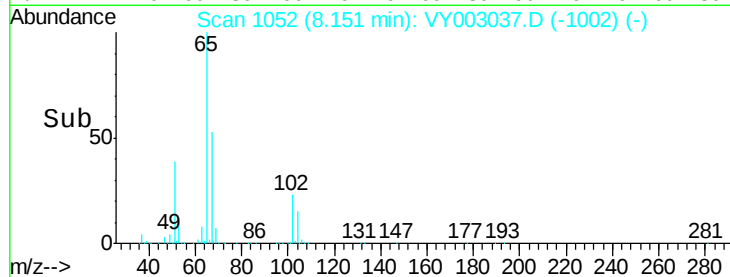
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003037.D

Acq: 30 Jun 2020 16:04

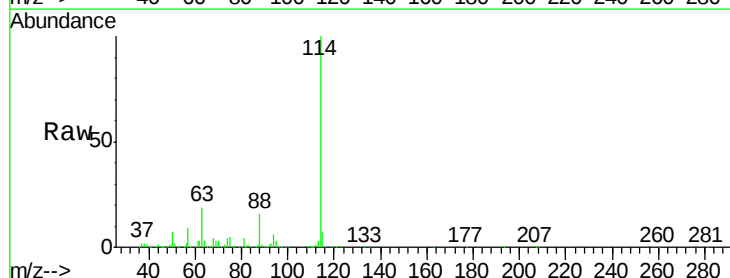
Tgt Ion: 114 Resp: 585794

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

88 15.6 0.0 30.0



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

8.69

400000

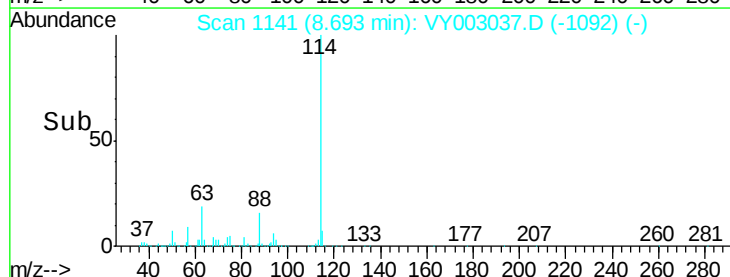
300000

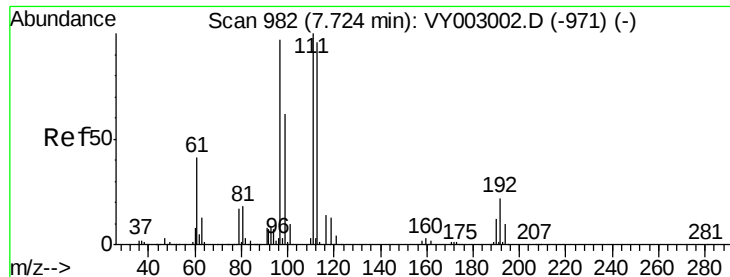
200000

100000

0

Time-->

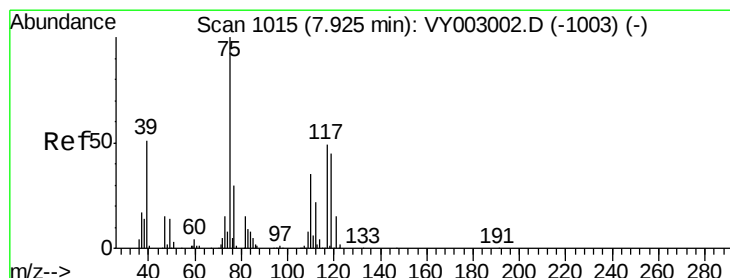
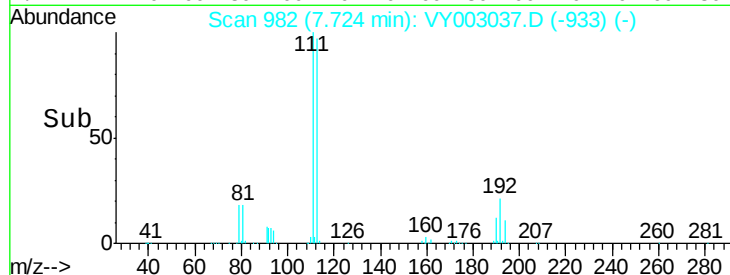
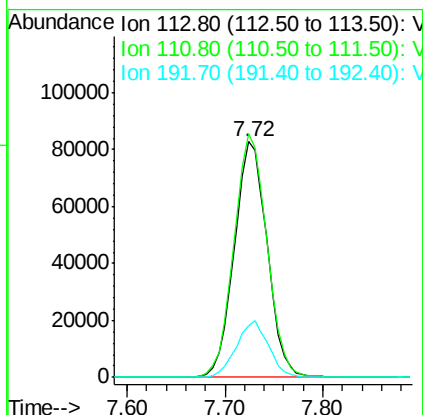
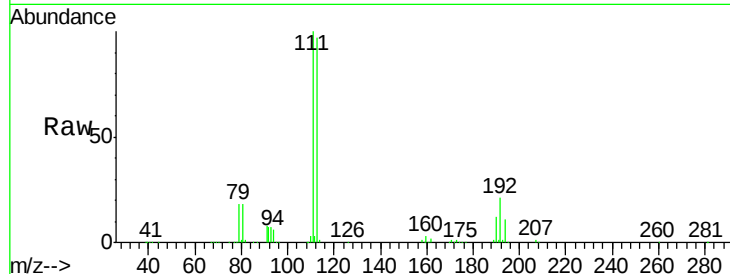




#35
 Dibromofluoromethane
 Concen: 52.845 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

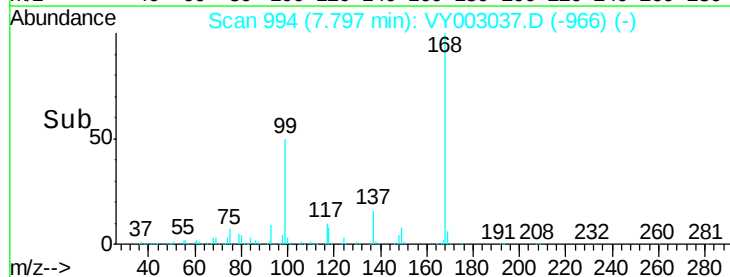
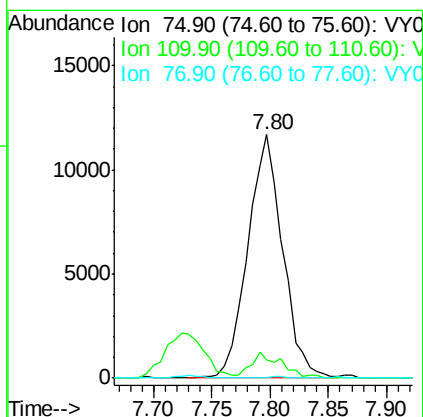
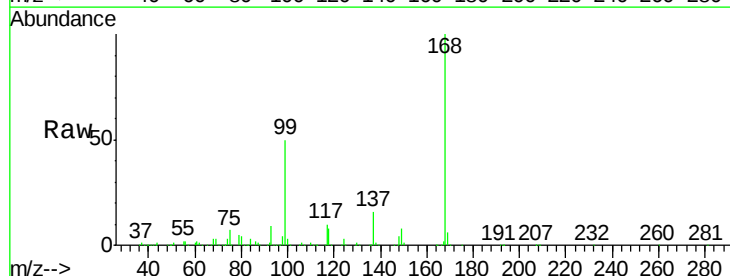
Instrument :
 MSVOA_Y
 ClientSampleId :

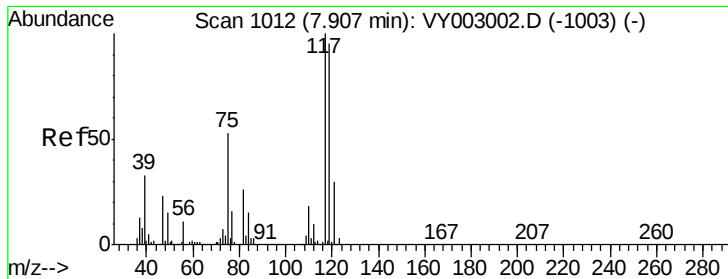
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	23.6	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.298 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.2#
77	0.3	24.9	37.3#

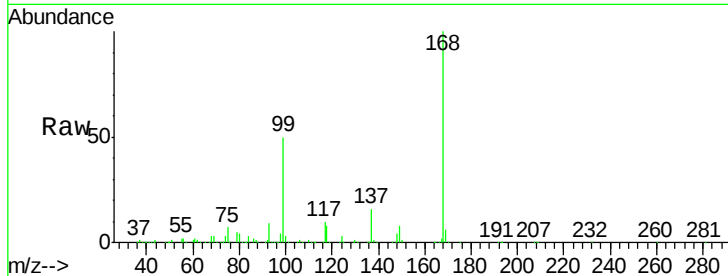




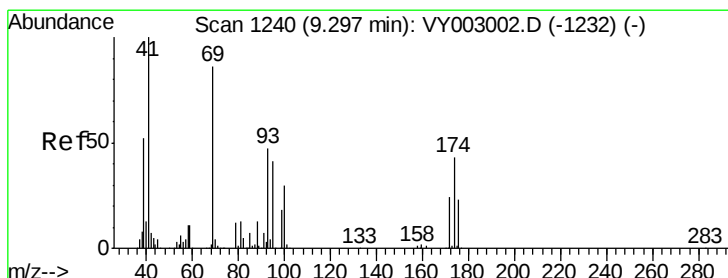
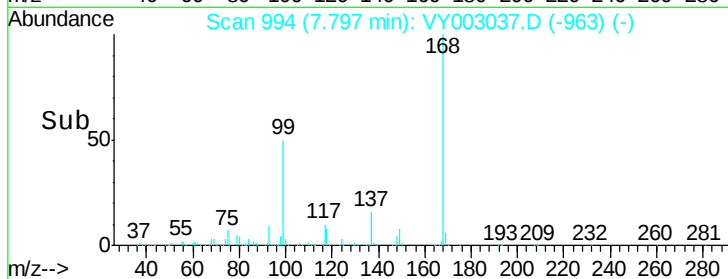
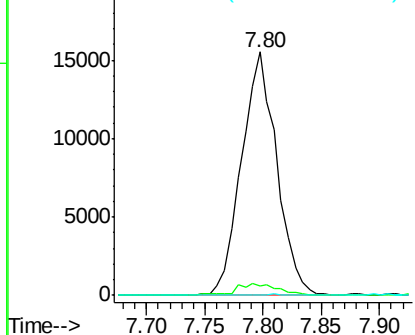
#38
Carbon Tetrachloride
Concen: 5.576 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 32735
Ion Ratio Lower Upper
117 100
119 4.0 75.7 113.5#
121 0.0 23.9 35.9#

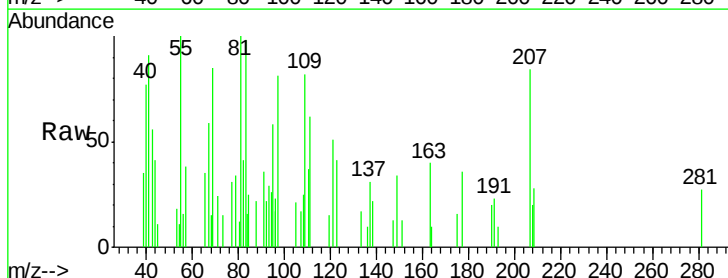


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

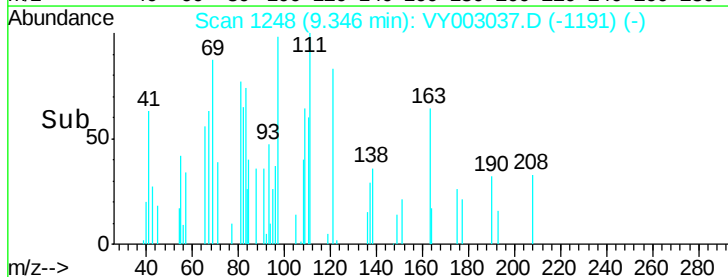
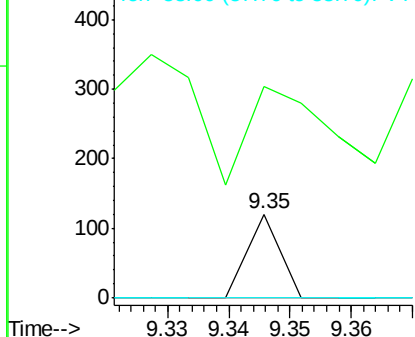


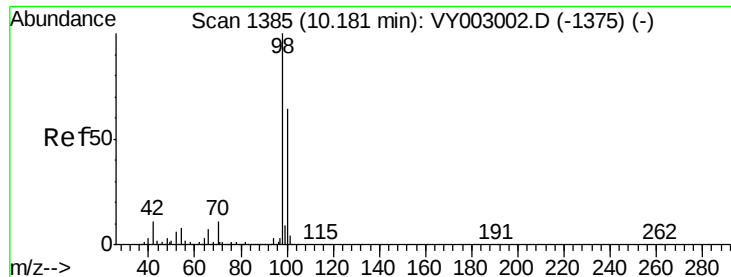
#49
1,4-Dioxane
Concen: 1.553 ug/l
RT: 9.35 min Scan# 1248
Delta R.T. 0.05 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 302.3 28.6 42.8#
58 0.0 56.7 85.1#



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: 51.211 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003037.D

Acq: 30 Jun 2020 16:04

Instrument :

MSVOA_Y

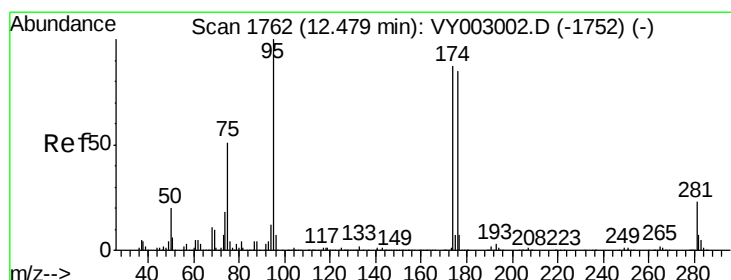
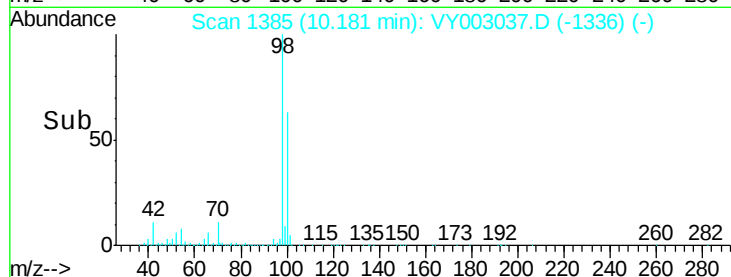
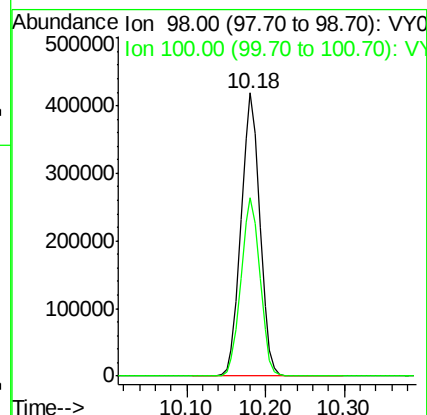
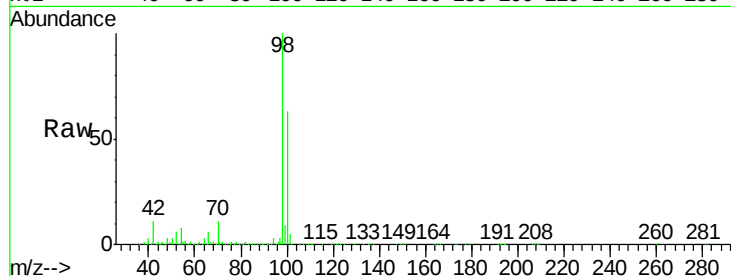
ClientSampleId :

Tot Ion: 98 Resp: 697175

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 51.345 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003037.D

Acq: 30 Jun 2020 16:04

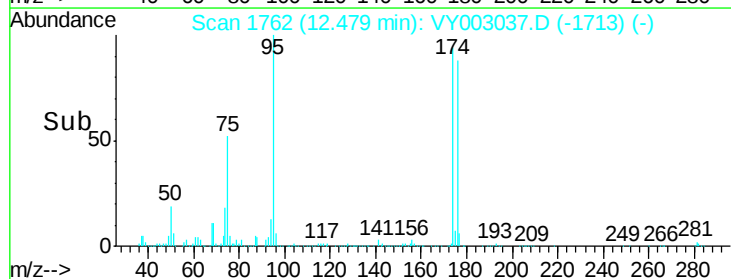
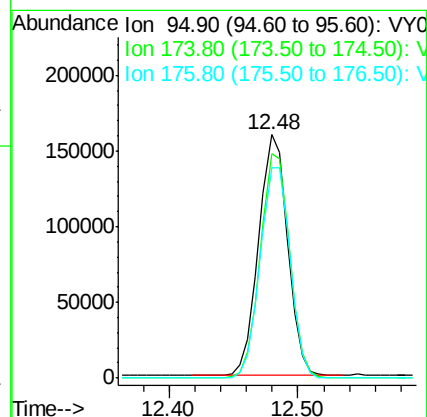
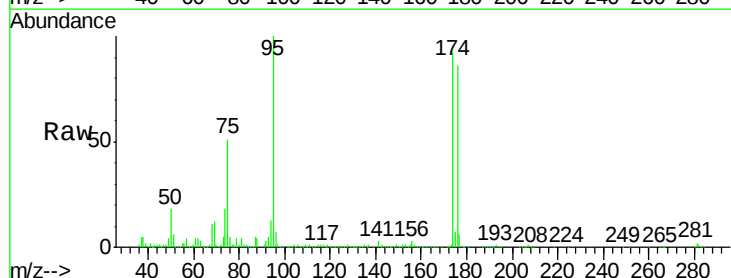
Tgt Ion: 95 Resp: 246049

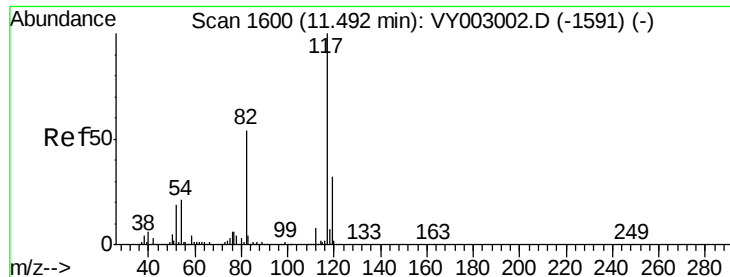
Ion Ratio Lower Upper

95 100

174 94.9 0.0 184.8

176 90.8 0.0 183.0

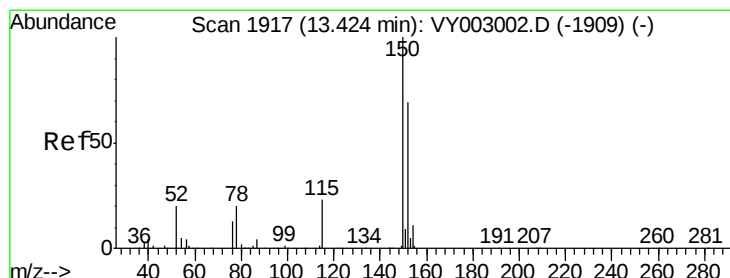
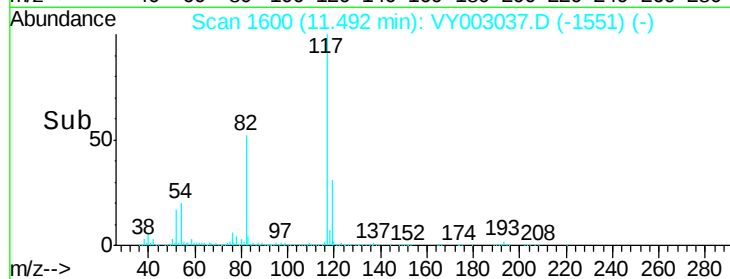
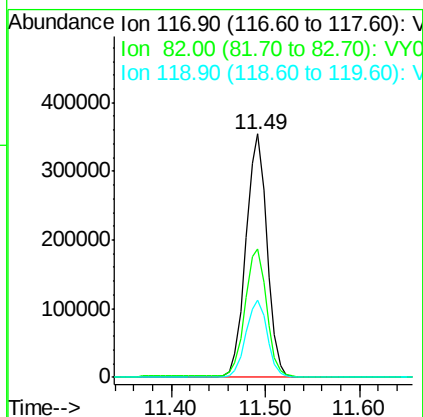
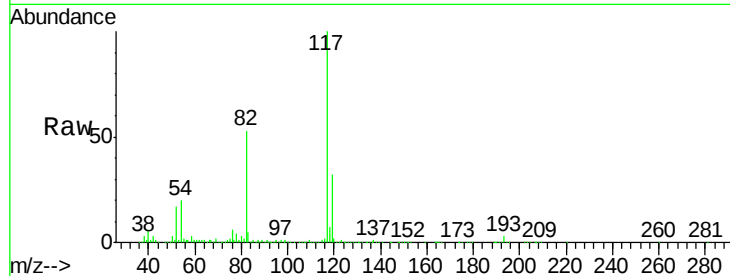




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

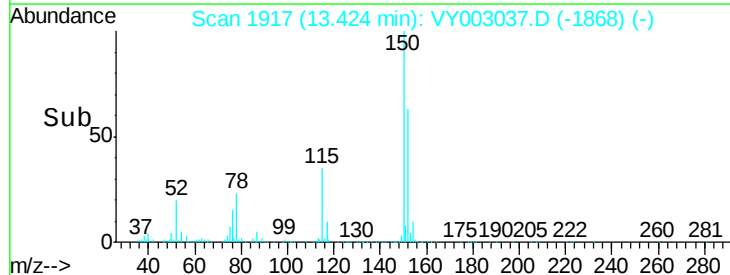
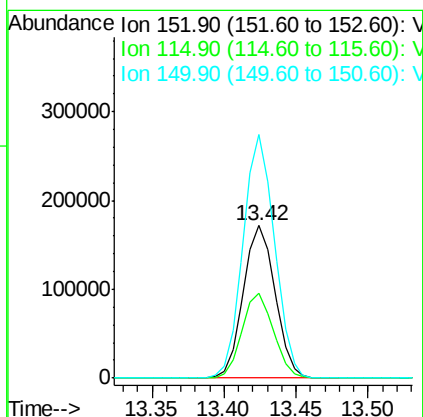
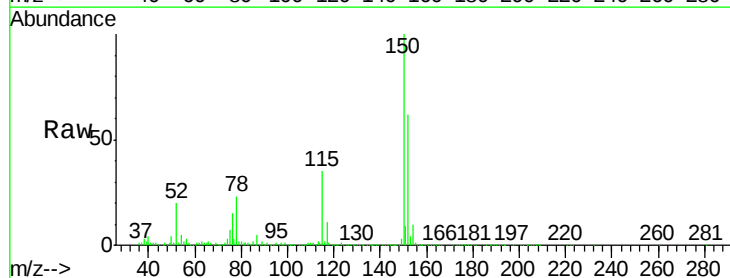
Instrument :
MSVOA_Y
ClientSampleId :

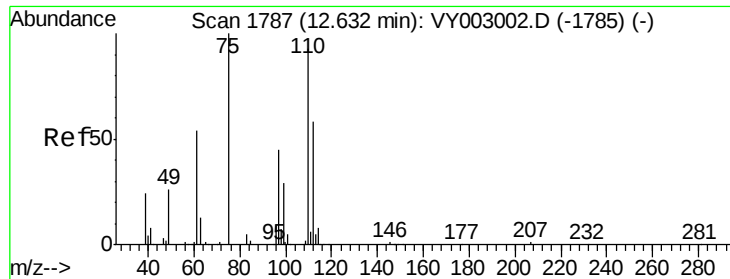
Tot Ion:117 Resp: 554263
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.6
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

Tgt Ion:152 Resp: 260863
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 158.8 0.0 343.4

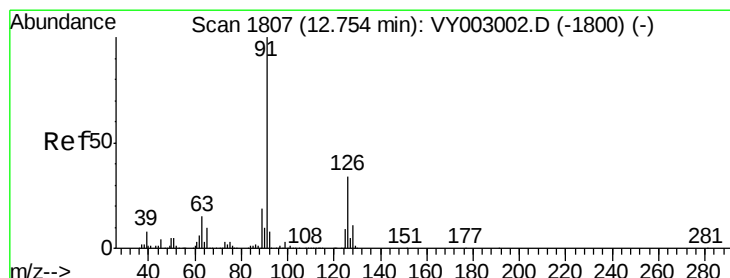
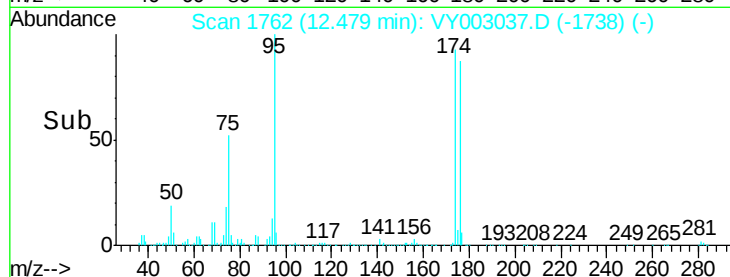
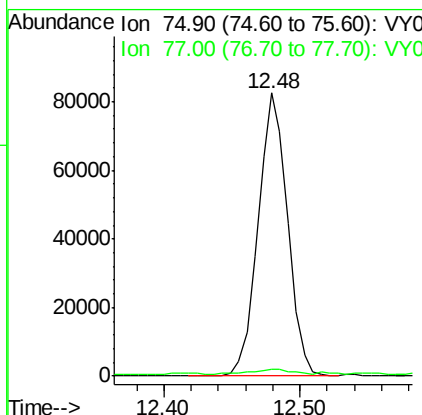
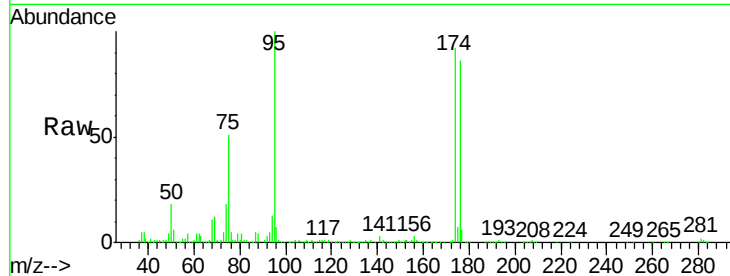




#76
 1,2,3-Trichloropropane
 Concen: 48.556 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

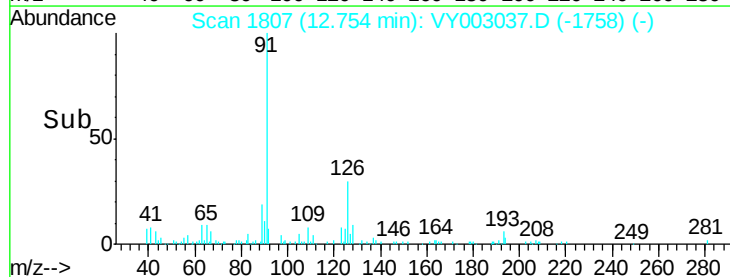
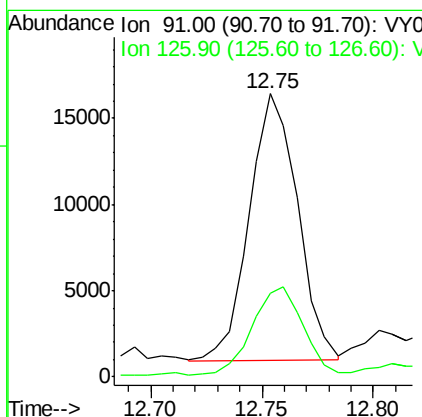
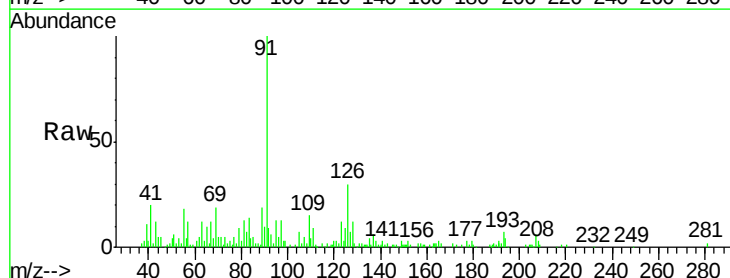
Instrument :
 MSVOA_Y
 ClientSampleId :

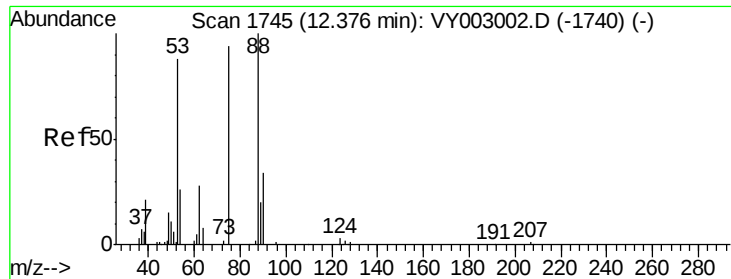
Tot Ion: 75 Resp: 125360
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 2.049 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

Tgt Ion: 91 Resp: 23483
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.1 51.3

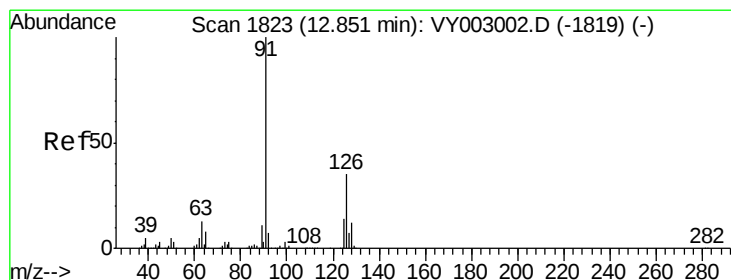
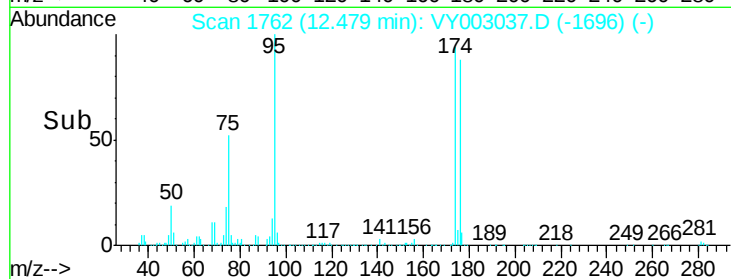
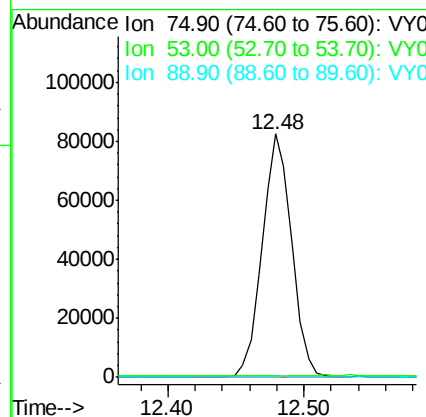
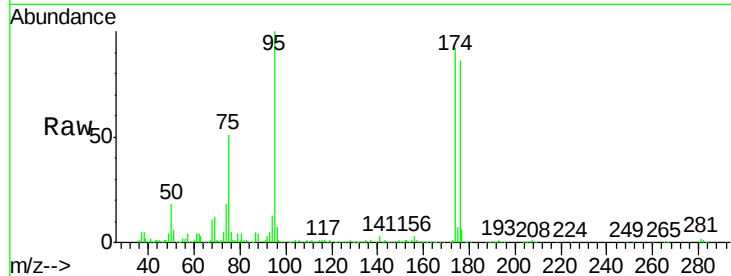




#81
trans-1,4-Dichloro-2-butene
Concen: 94.470 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 125360
Ion Ratio Lower Upper
75 100
53 0.2 73.9 110.9#
89 0.5 37.5 56.3#



#82
4-Chlorotoluene
Concen: 3.933 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

Tgt Ion: 91 Resp: 46926
Ion Ratio Lower Upper
91 100
126 33.6 17.4 52.3

