

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002909.D
 Acq On : 16 Jun 2020 14:58
 Operator : SY/MD
 Sample : L3022-01
 Misc : 6.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HLP-A

Quant Time: Jun 17 01:47:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

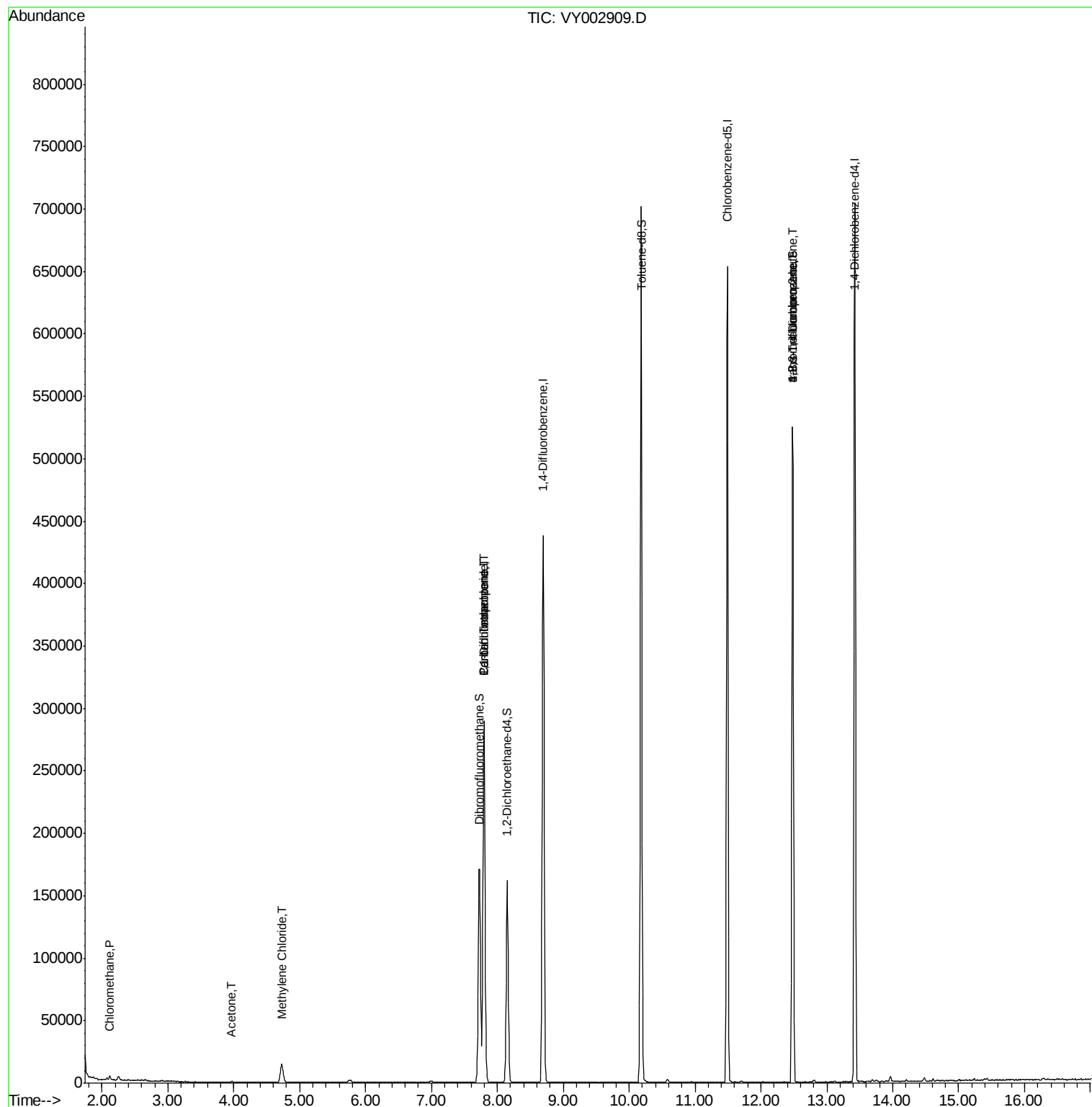
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	400588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	380197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123851	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
35) Dibromofluoromethane	7.72	113	123979	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	10.18	98	467066	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.48	95	162122	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	3160	1.680	ug/l #	88
11) Tert butyl alcohol	4.97	59	64	Below Cal	#	74
16) Acetone	3.96	43	654	1.300	ug/l	99
18) Methyl Acetate	4.49	43	581	Below Cal	#	48
20) Methylene Chloride	4.72	84	11930	4.851	ug/l	94
36) 1,1-Dichloropropene	7.80	75	14220	4.214	ug/l #	48
38) Carbon Tetrachloride	7.80	117	21328	5.689	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	77129	44.663	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	77129	84.145	ug/l #	17

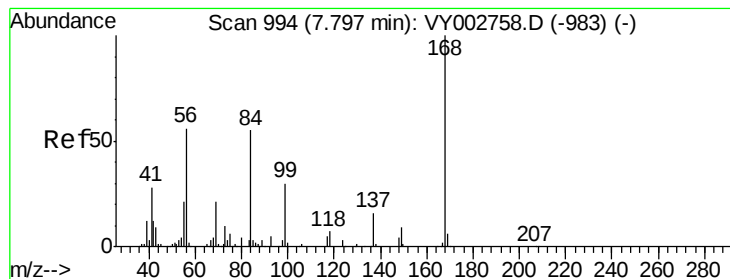
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
Data File : VY002909.D
Acq On : 16 Jun 2020 14:58
Operator : SY/MD
Sample : L3022-01
Misc : 6.34G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HLP-A

Quant Time: Jun 17 01:47:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 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: VY002909.D

Acq: 16 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

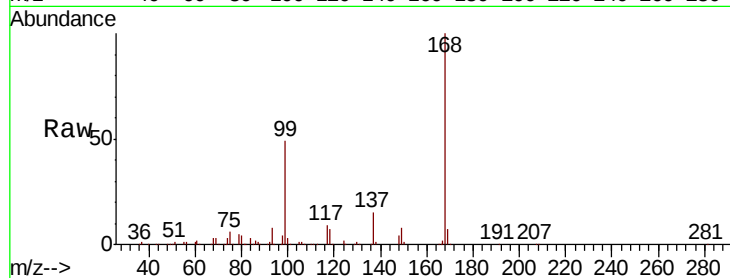
HLP-A

Tot Ion:168 Resp: 247171

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

120000

100000

80000

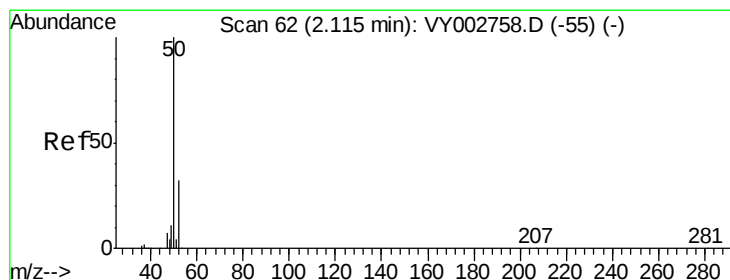
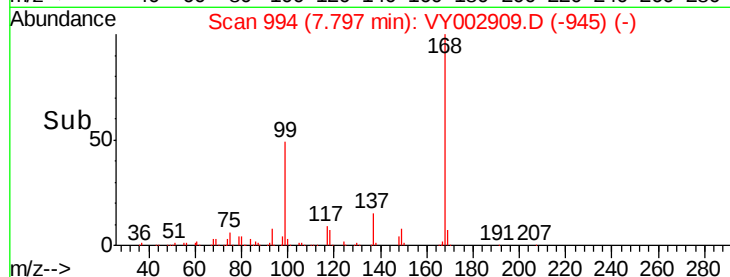
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.680 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002909.D

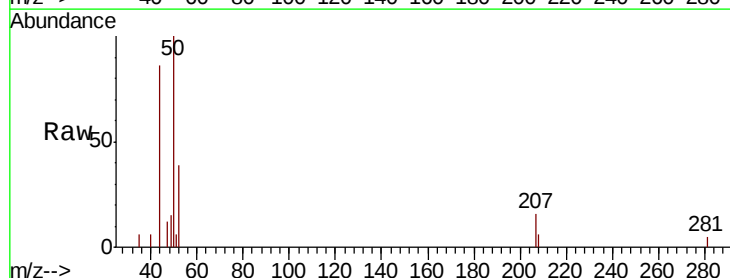
Acq: 16 Jun 2020 14:58

Tgt Ion: 50 Resp: 3160

Ion Ratio Lower Upper

50 100

52 39.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY002758.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002758.D (-55) (-)

2.12

2000

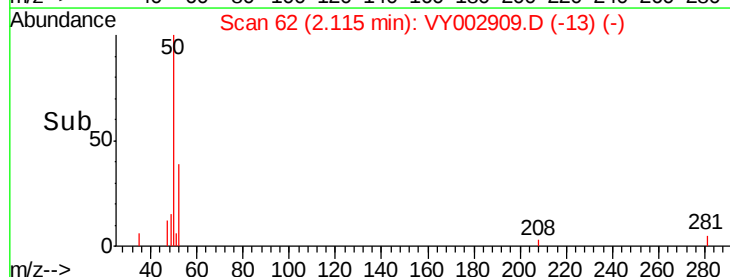
1500

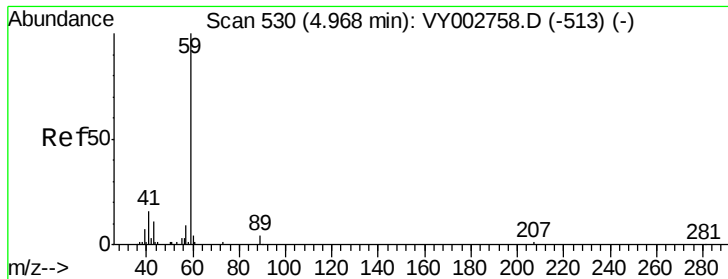
1000

500

0

Time-->

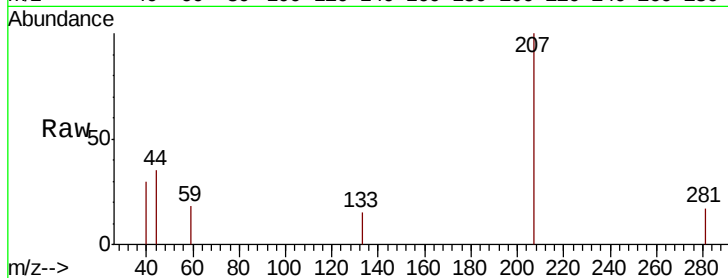




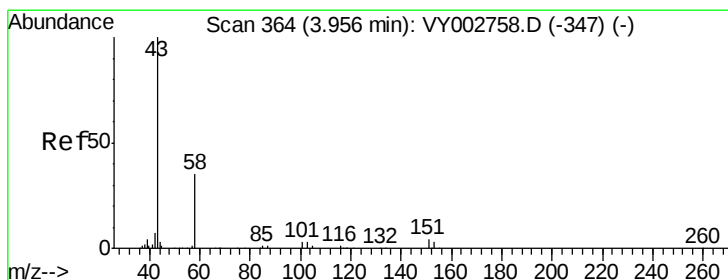
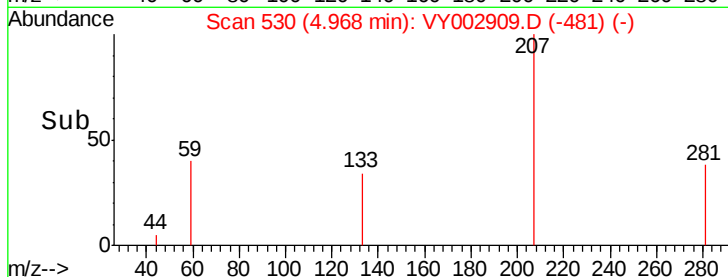
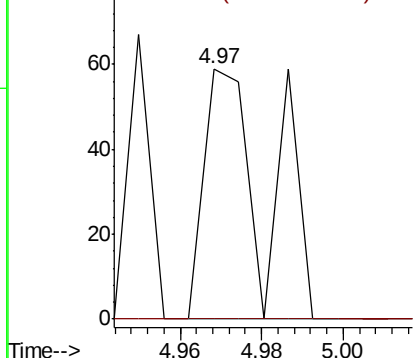
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002909.D
Acq: 16 Jun 2020 14:58

Instrument :
MSVOA_Y
ClientSampled :
HLP-A

Tot Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

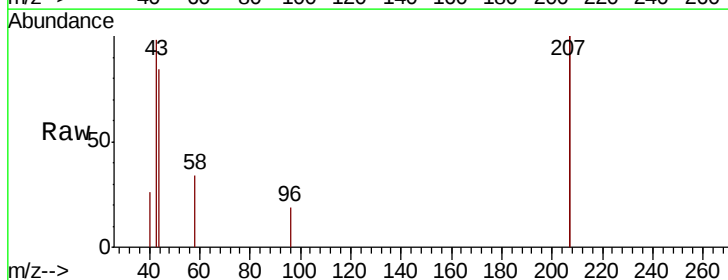


Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

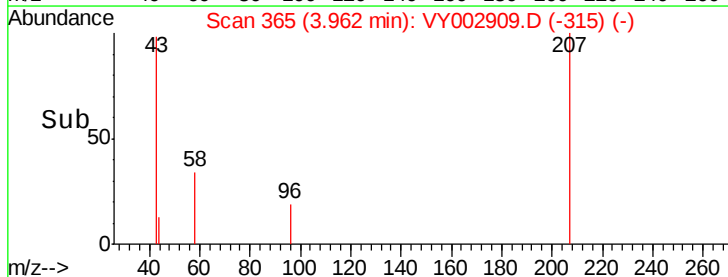
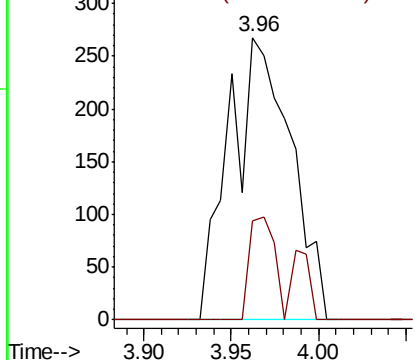


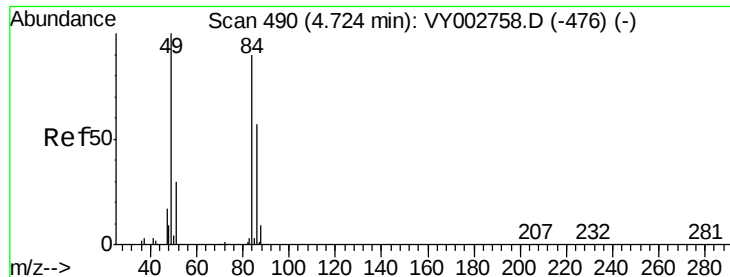
#16
Acetone
Concen: 1.300 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002909.D
Acq: 16 Jun 2020 14:58

Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

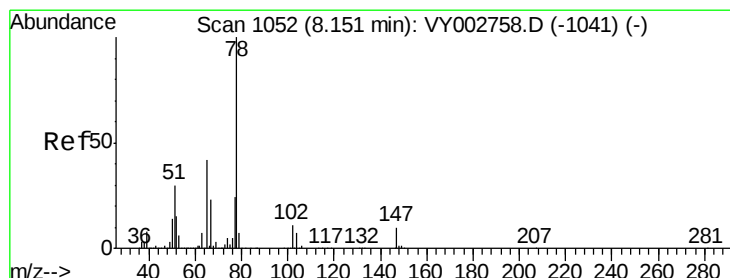
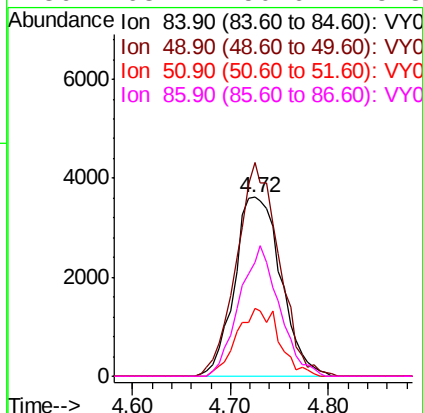
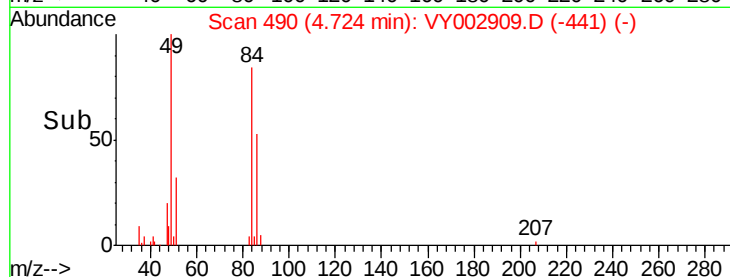
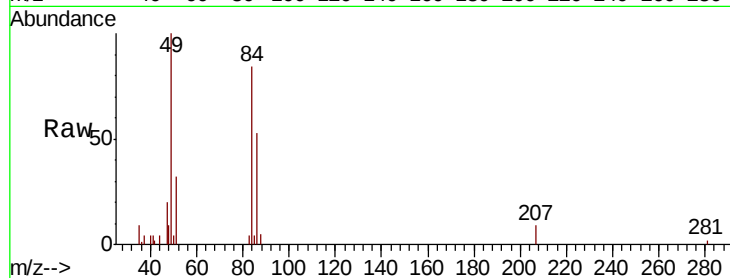




#20
Methvlene Chloride
Concen: 4.851 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002909.D
Acq: 16 Jun 2020 14:58

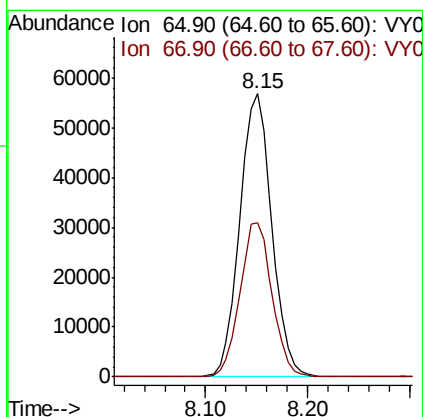
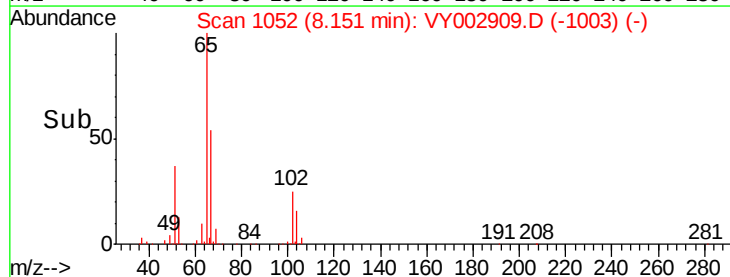
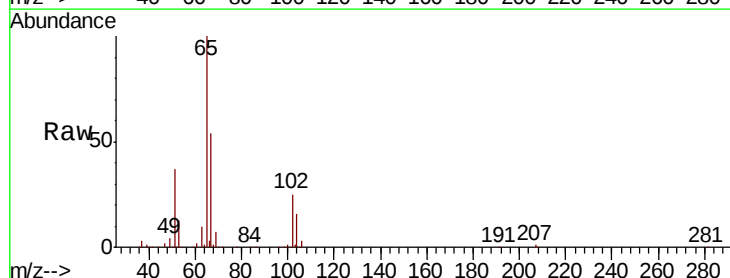
Instrument :
MSVOA_Y
ClientSampleId :
HLP-A

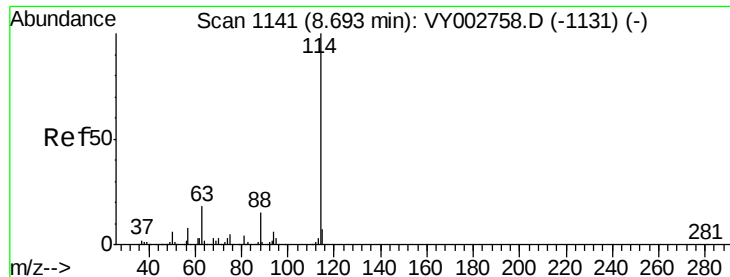
Tot Ion: 84 Resp: 11930
Ion Ratio Lower Upper
84 100
49 119.2 88.5 132.7
51 37.8 26.8 40.2
86 63.4 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 57.709 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002909.D
Acq: 16 Jun 2020 14:58

Tgt Ion: 65 Resp: 123851
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.0

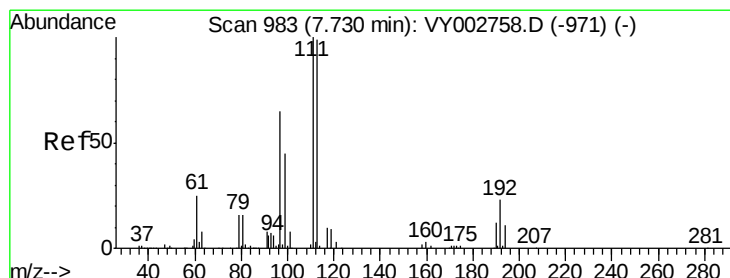
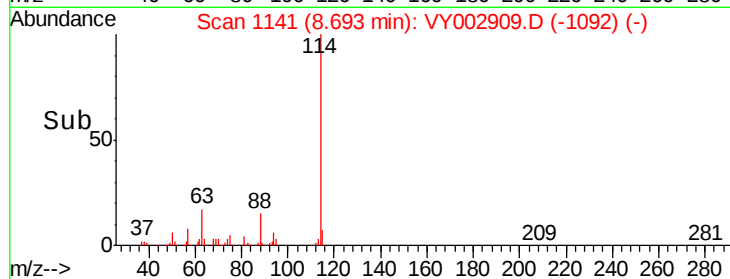
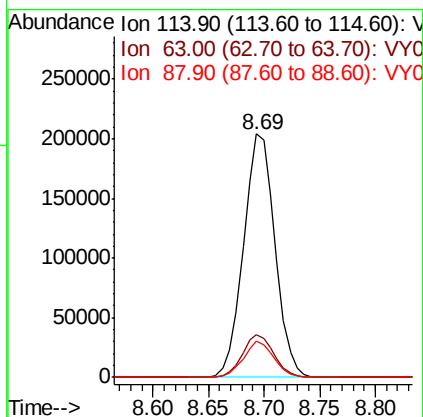
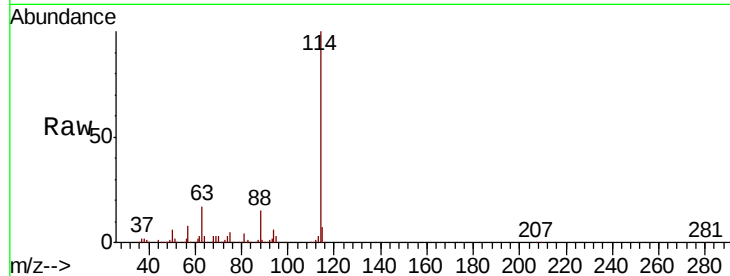




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002909.D
 Acq: 16 Jun 2020 14:58

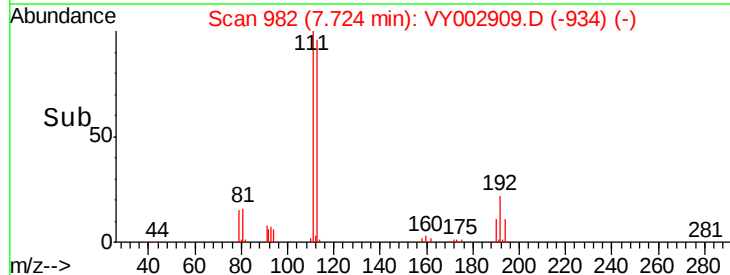
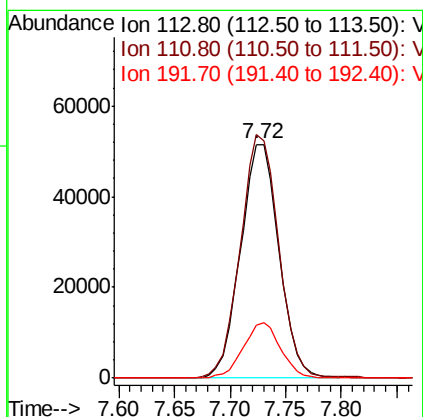
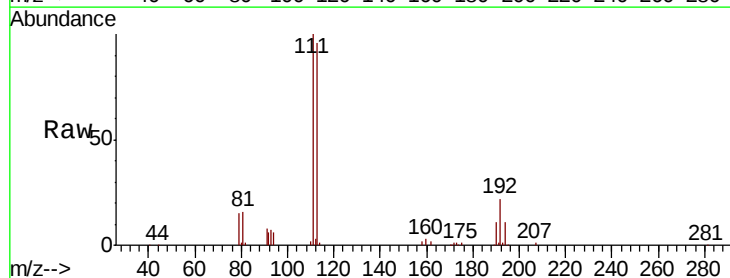
Instrument :
 MSVOA_Y
 ClientSampled :
 HLP-A

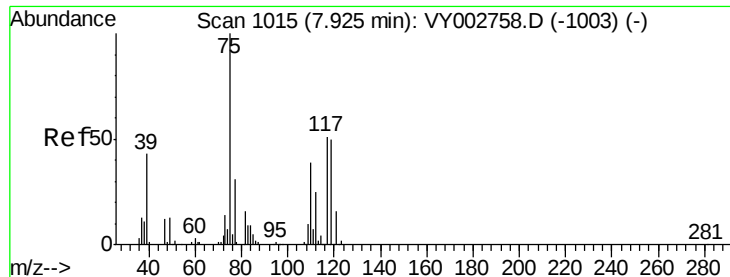
Tot Ion:114 Resp: 400588
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.7 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.810 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002909.D
 Acq: 16 Jun 2020 14:58

Tgt Ion:113 Resp: 123979
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.0 123.0
 192 23.0 18.9 28.3

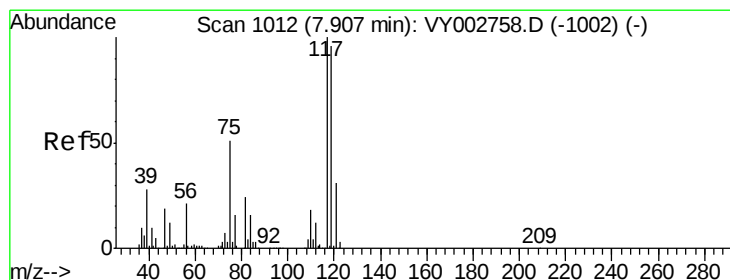
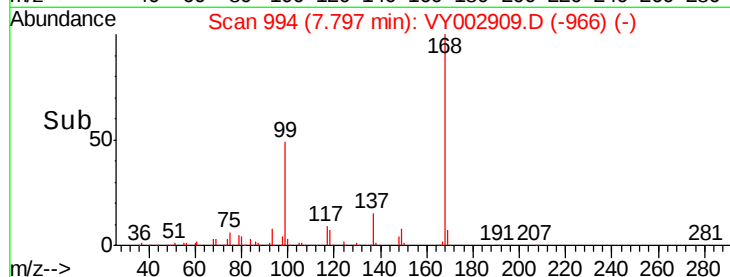
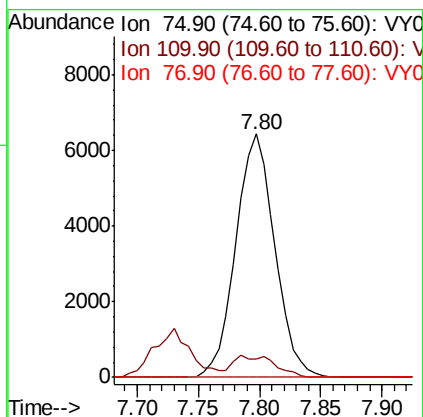
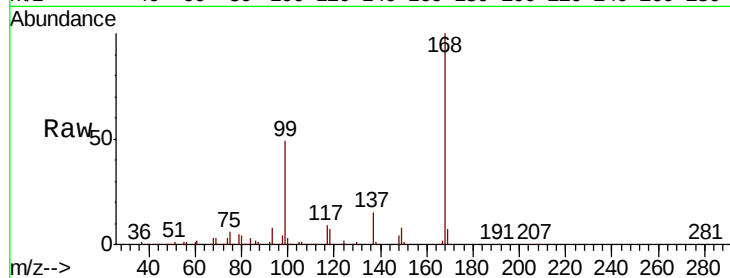




#36
 1,1-Dichloropropene
 Concen: 4.214 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002909.D
 Acq: 16 Jun 2020 14:58

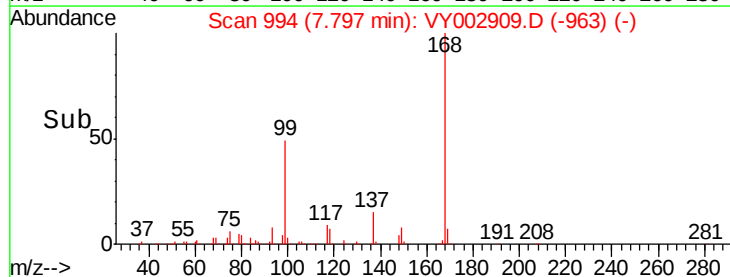
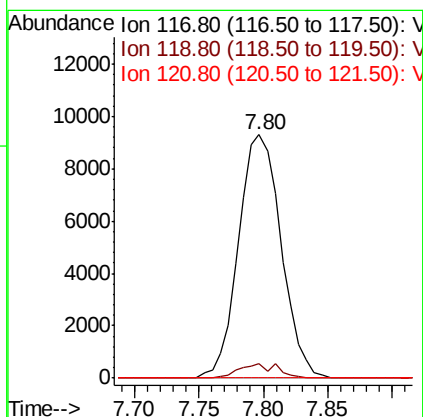
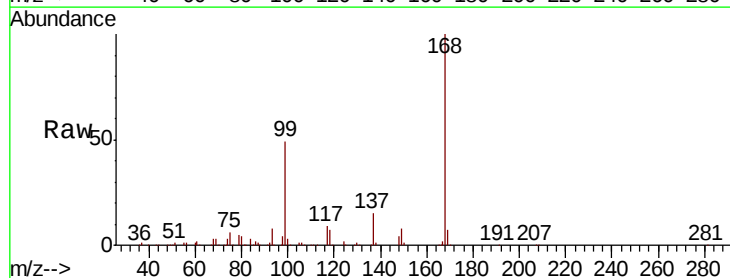
Instrument :
 MSVOA_Y
 ClientSampleId :
 HLP-A

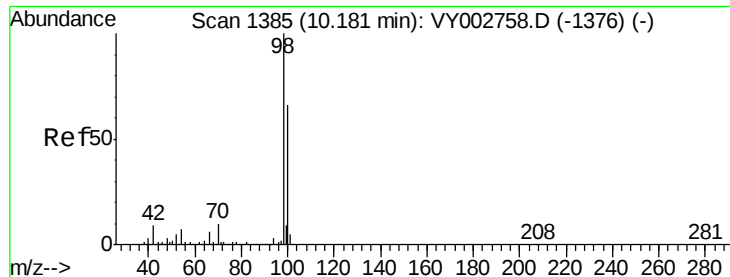
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.689 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002909.D
 Acq: 16 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.205 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002909.D

Acq: 16 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

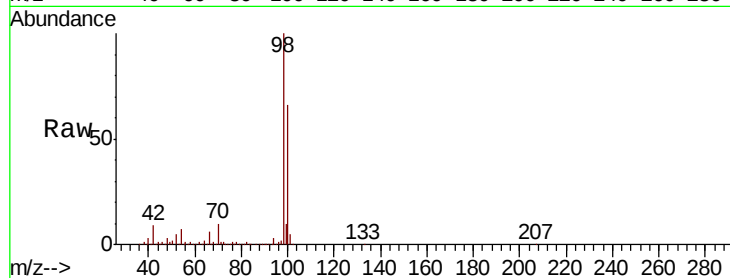
HLP-A

Tot Ion: 98 Resp: 467066

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

250000

200000

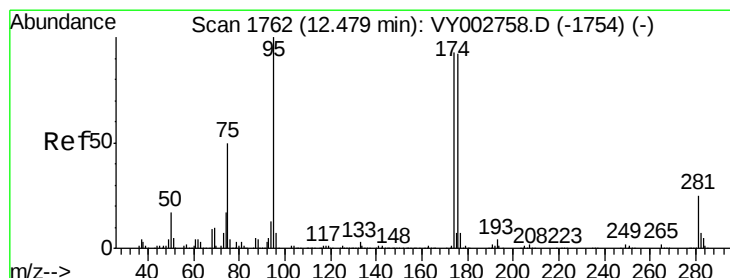
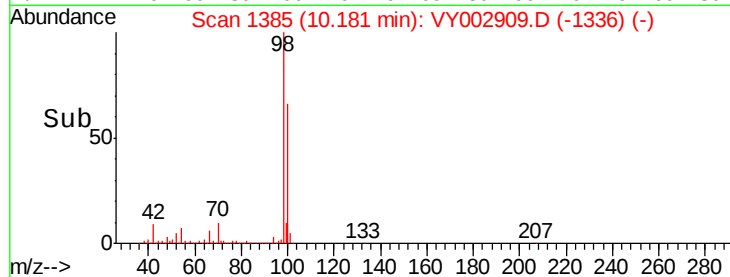
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.977 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002909.D

Acq: 16 Jun 2020 14:58

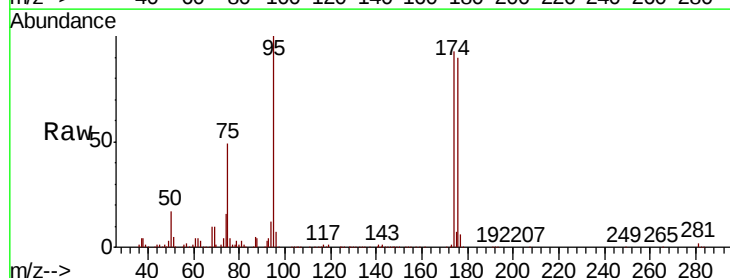
Tgt Ion: 95 Resp: 162122

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.2

176 91.5 0.0 188.8



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

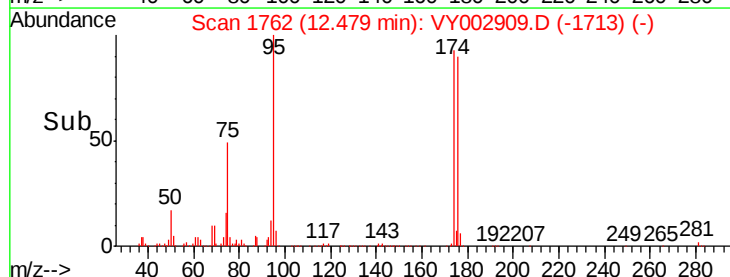
12.48

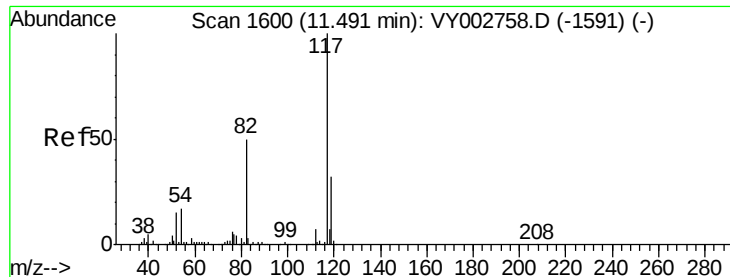
100000

50000

0

Time-->

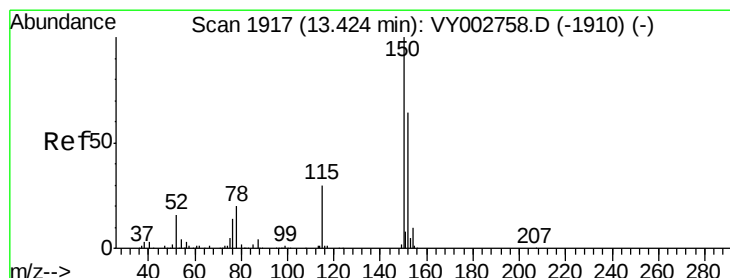
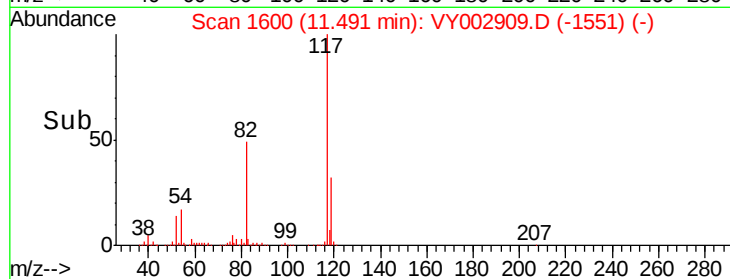
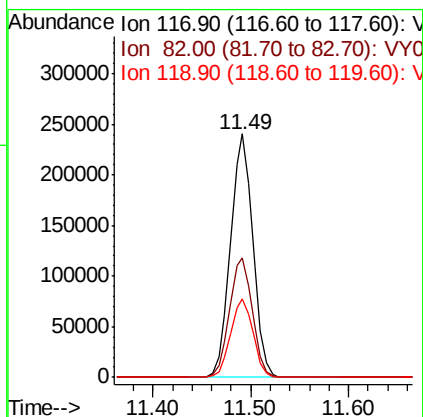
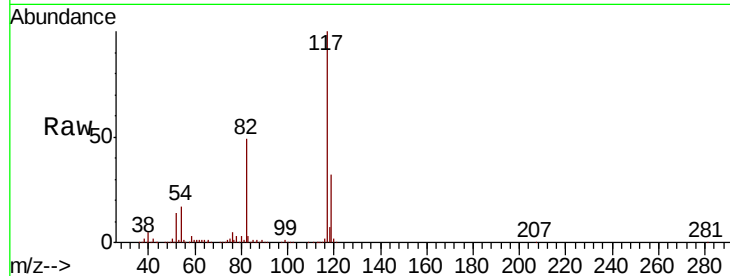




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002909.D
Acq: 16 Jun 2020 14:58

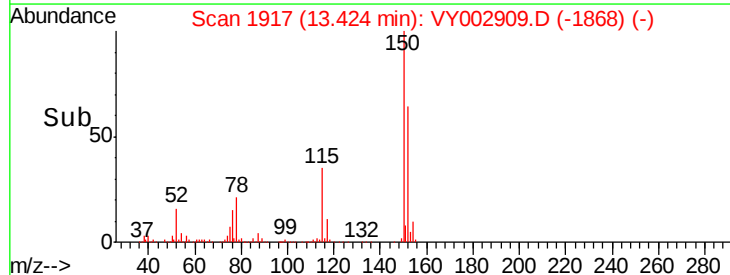
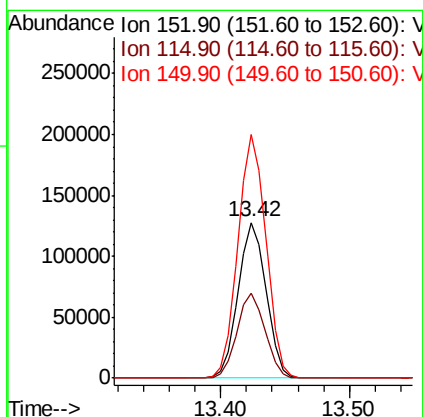
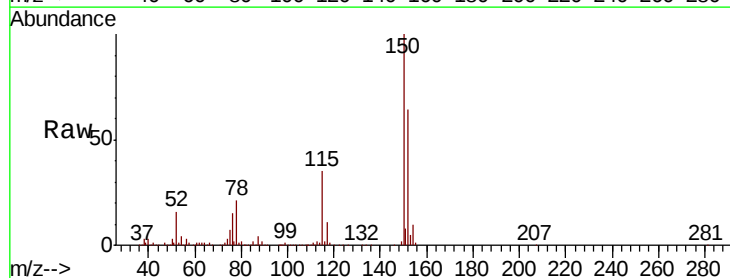
Instrument :
MSVOA_Y
ClientSampleId :
HLP-A

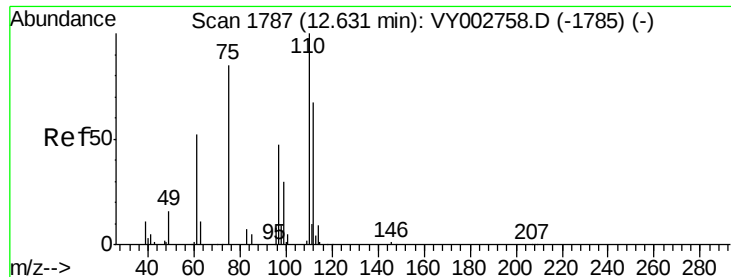
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	40.2	60.4
119	32.3	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002909.D
Acq: 16 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.0	81.0
150	157.3	0.0	344.8





#76

1,2,3-Trichloropropane

Concen: 44.663 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002909.D

Acq: 16 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampled :

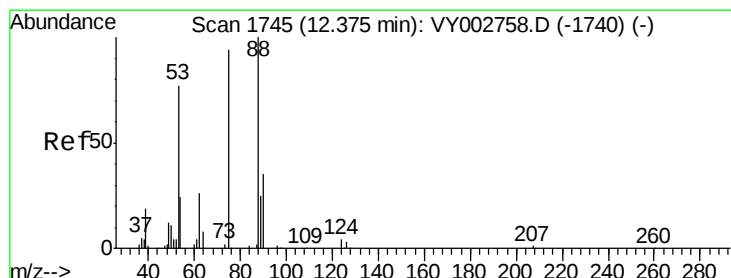
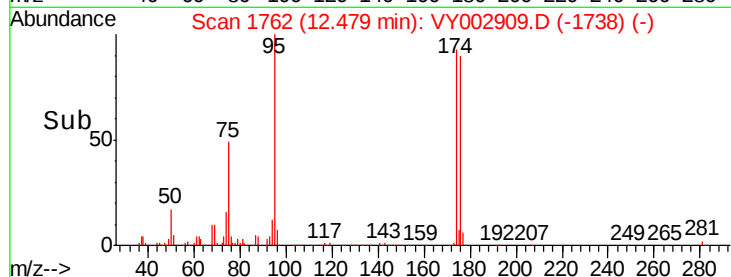
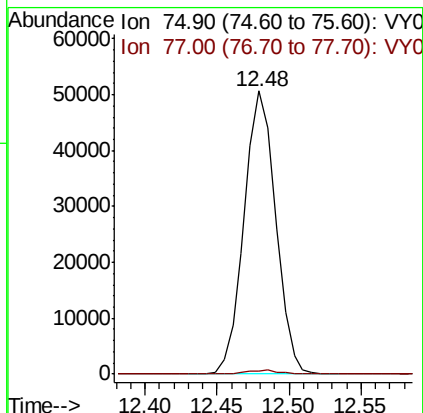
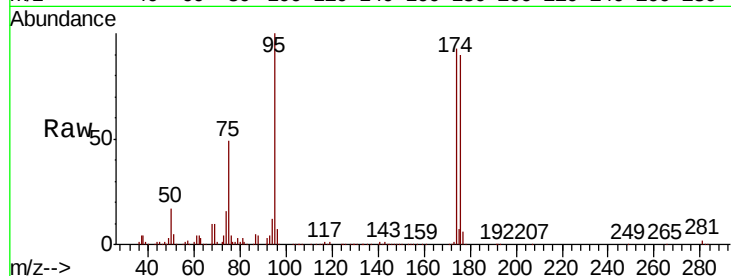
HLP-A

Tot Ion: 75 Resp: 77129

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.145 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002909.D

Acq: 16 Jun 2020 14:58

Tgt Ion: 75 Resp: 77129

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#

