

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003341.D
 Acq On : 24 Jul 2020 18:51
 Operator : SY/MD
 Sample : L3436-09
 Misc : 7.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9

Quant Time: Jul 25 01:41:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

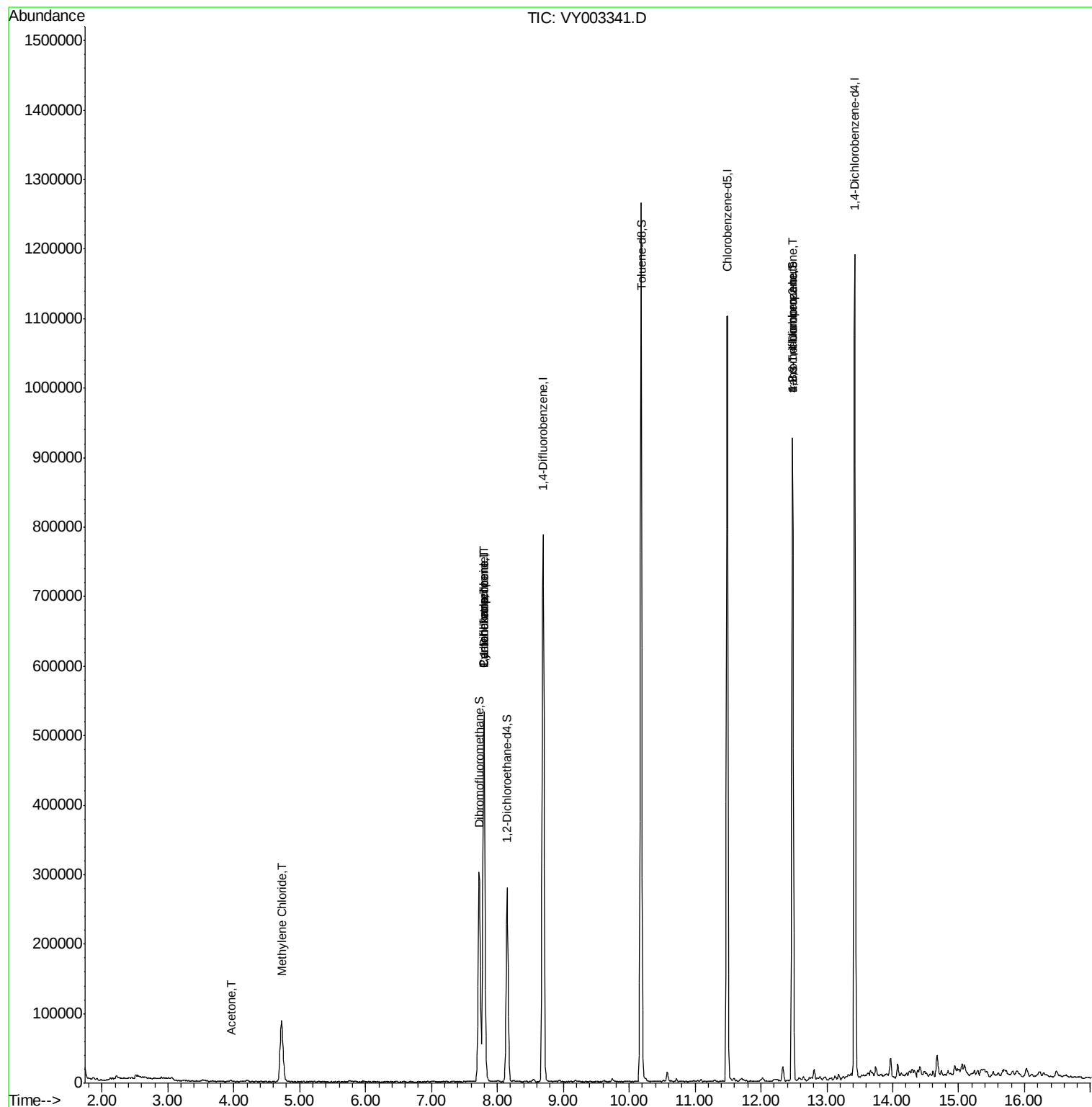
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	441299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	689769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	628566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	215013	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	7.72	113	211689	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.18	98	824315	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
62) 4-Bromofluorobenzene	12.48	95	266083	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2559	3.076	ug/l	92
20) Methylene Chloride	4.72	84	68833	12.300	ug/l	94
31) Cyclohexane	7.79	56	8177	1.207	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	30145	4.822	ug/l #	49
38) Carbon Tetrachloride	7.80	117	39917	6.185	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	136310	50.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	136310	97.834	ug/l #	13

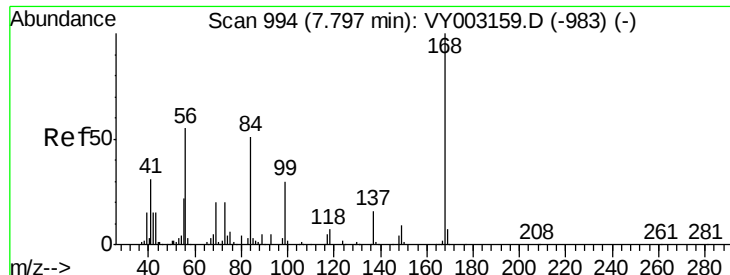
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
Data File : VY003341.D
Acq On : 24 Jul 2020 18:51
Operator : SY/MD
Sample : L3436-09
Misc : 7.67G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
9

Quant Time: Jul 25 01:41:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003341.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

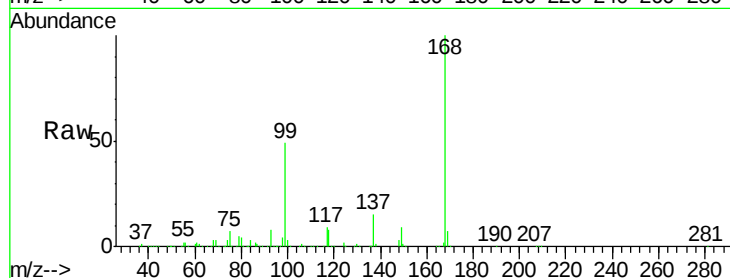
9

Tot Ion:168 Resp: 441299

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003341.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003341.D (-945) (-)

7.80

200000

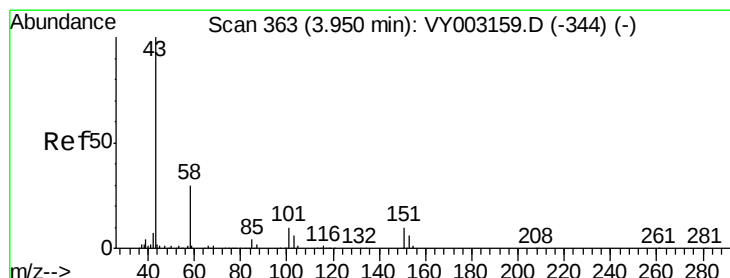
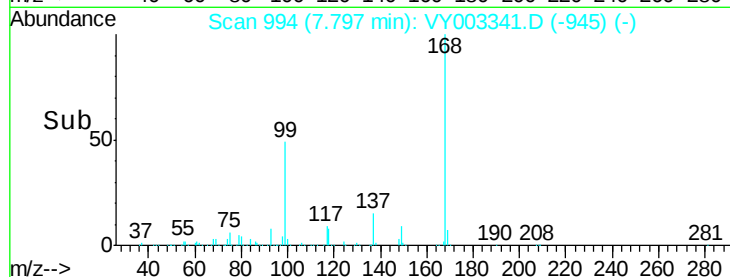
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.076 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003341.D

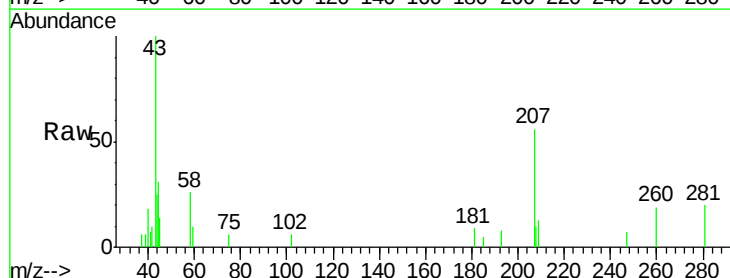
Acq: 24 Jul 2020 18:51

Tgt Ion: 43 Resp: 2559

Ion Ratio Lower Upper

43 100

58 25.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003341.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003341.D (-314) (-)

3.96

1200

1000

800

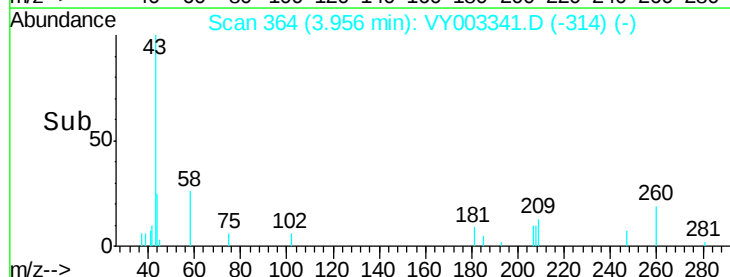
600

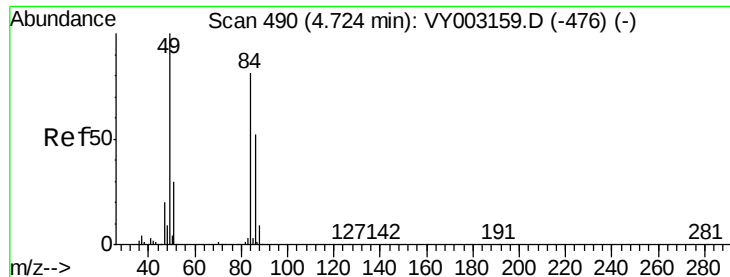
400

200

0

Time-->

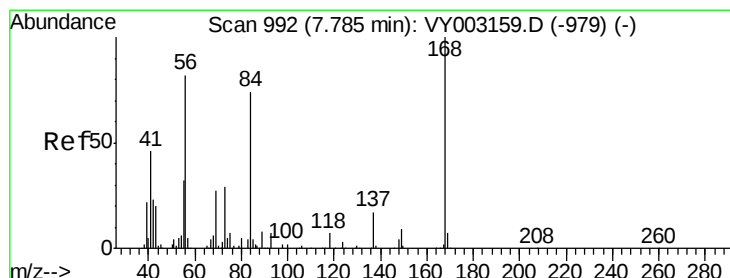
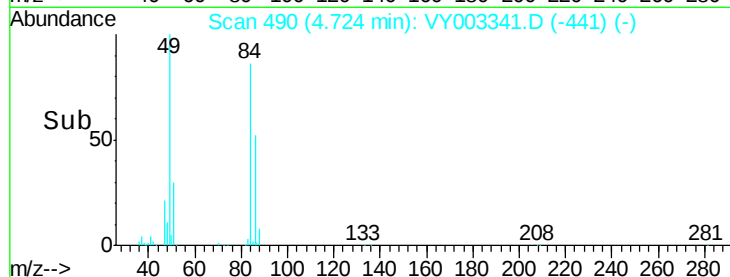
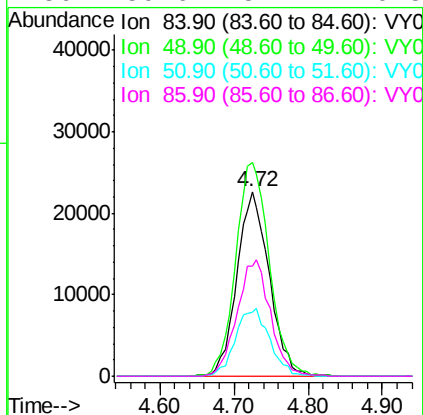
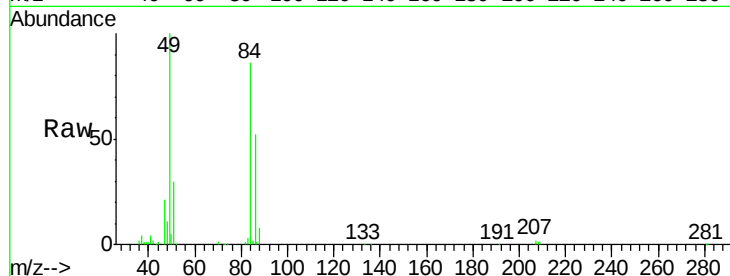




#20
Methvlene Chloride
Concen: 12.300 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003341.D
Acq: 24 Jul 2020 18:51

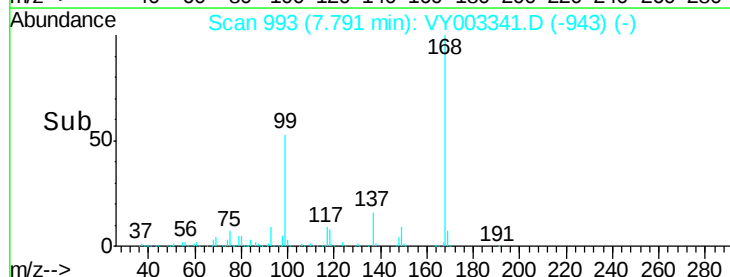
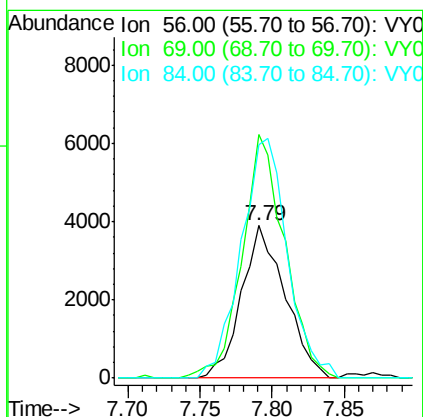
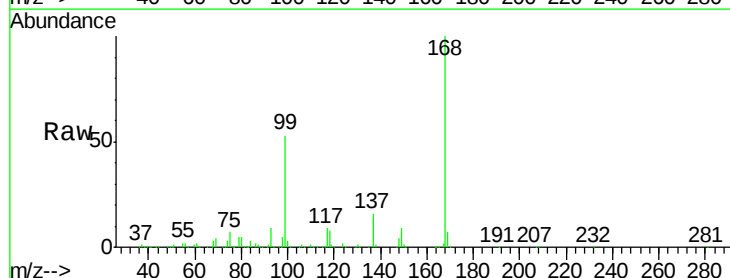
Instrument :
MSVOA_Y
ClientSampleId :
9

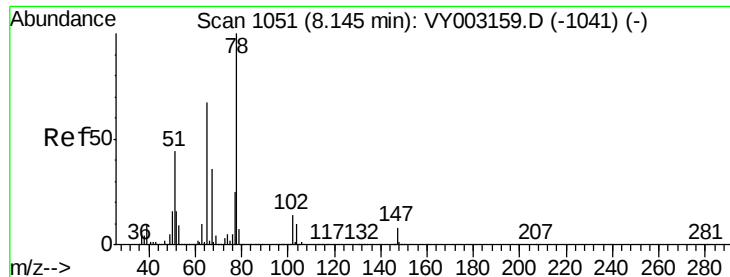
Tot Ion:	84	Resp:	68833
Ion	Ratio	Lower	Upper
84	100		
49	115.7	98.2	147.4
51	34.9	29.8	44.6
86	59.6	51.2	76.8



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003341.D
Acq: 24 Jul 2020 18:51

Tgt Ion:	56	Resp:	8177
Ion	Ratio	Lower	Upper
56	100		
69	159.6	26.7	40.1#
84	153.0	72.3	108.5#

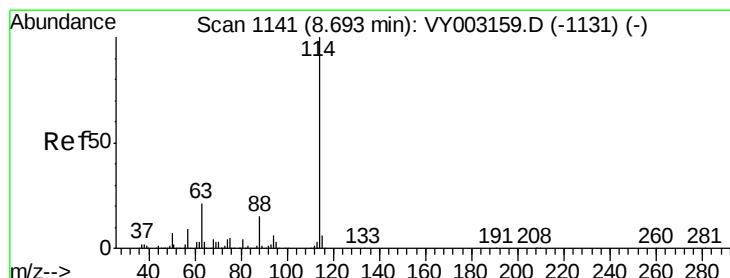
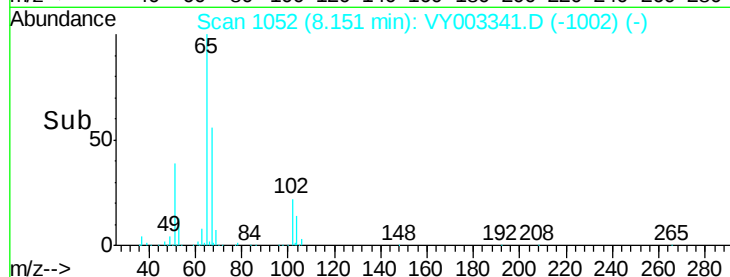
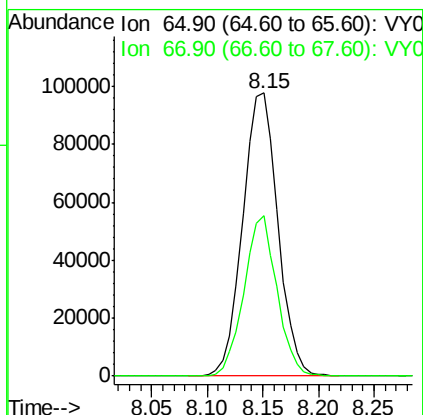
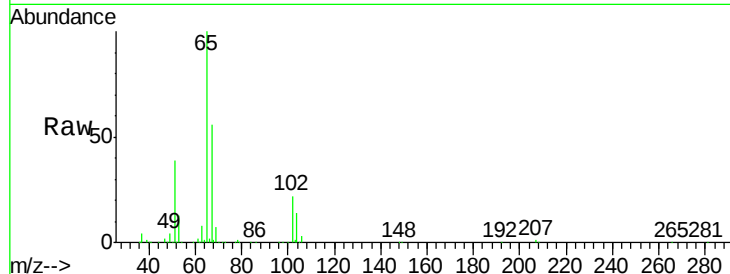




#33
 1,2-Dichloroethane-d4
 Concen: 57.726 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003341.D
 Acq: 24 Jul 2020 18:51

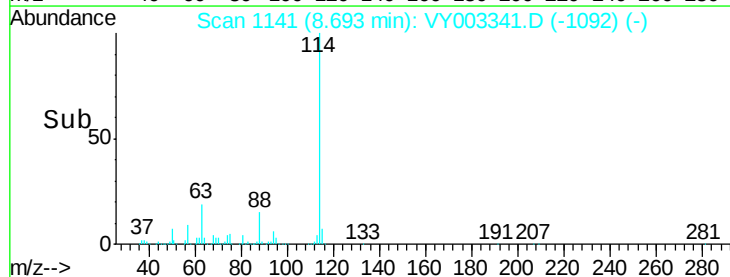
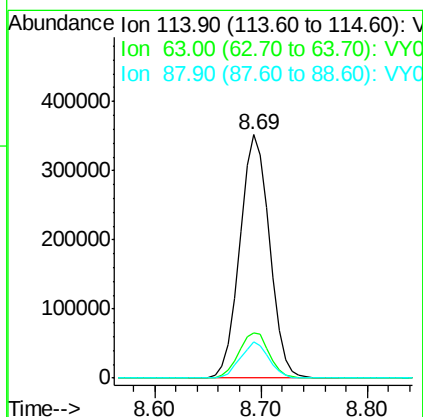
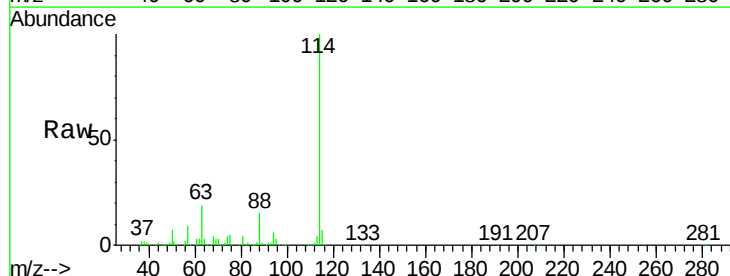
Instrument :
 MSVOA_Y
 ClientSampled :
 9

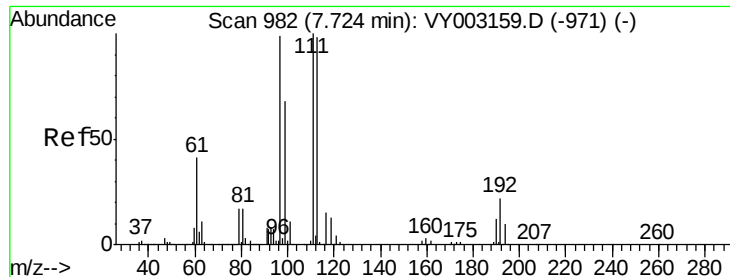
Tot Ion: 65 Resp: 215013
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003341.D
 Acq: 24 Jul 2020 18:51

Tgt Ion: 114 Resp: 689769
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.2
 88 14.7 0.0 30.2

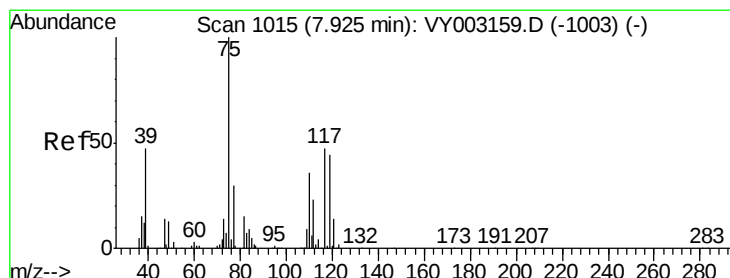
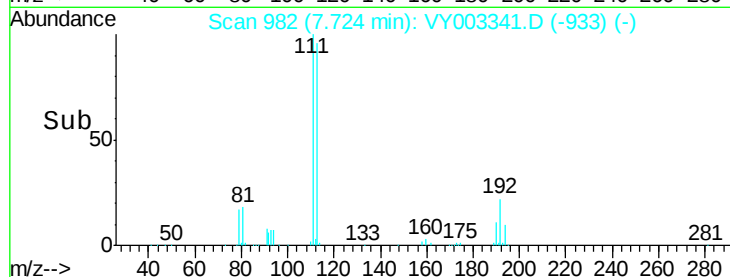
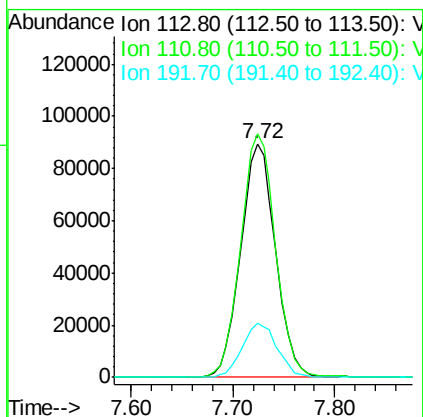
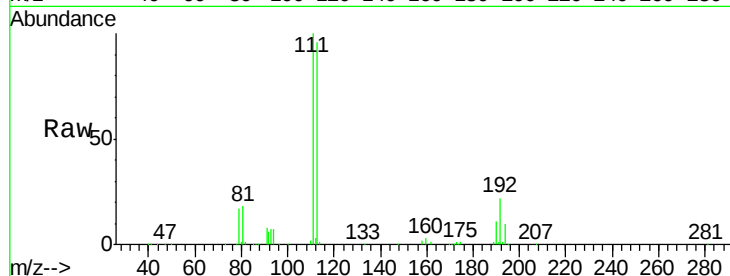




#35
 Dibromofluoromethane
 Concen: 53.329 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003341.D
 Acq: 24 Jul 2020 18:51

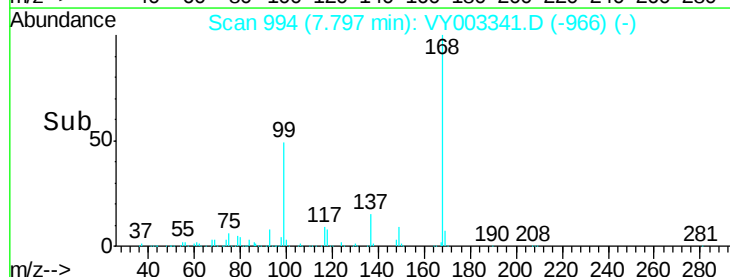
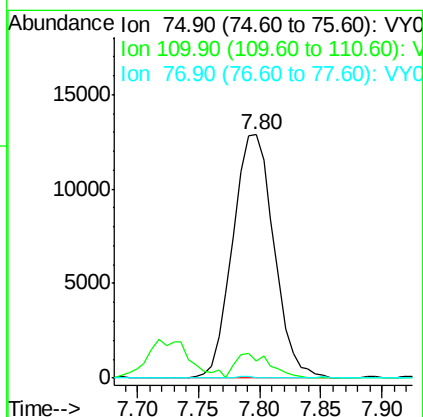
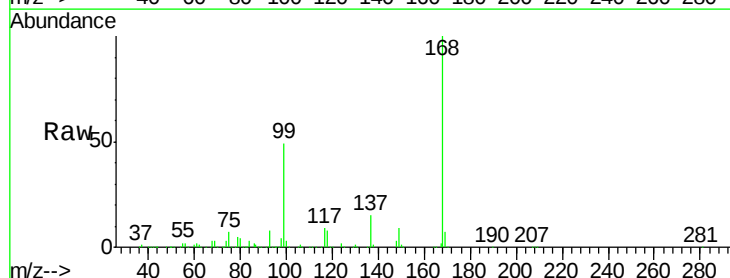
Instrument :
 MSVOA_Y
 ClientSampleId :
 9

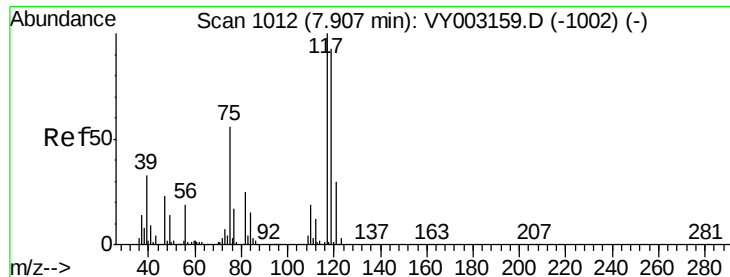
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.1	123.1
192	23.4	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.822 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003341.D
 Acq: 24 Jul 2020 18:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.1#
77	0.3	24.8	37.2#

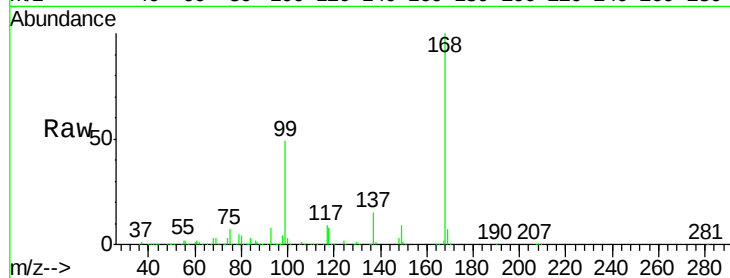




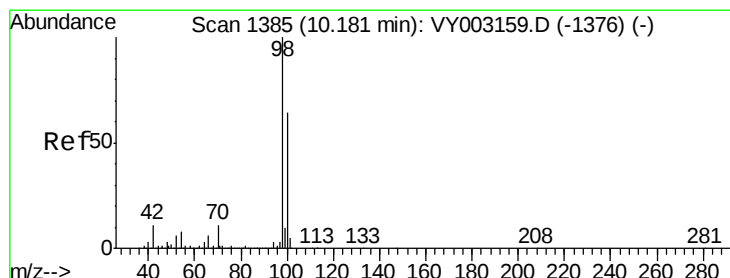
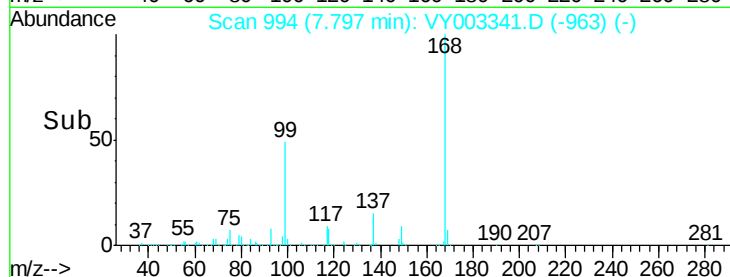
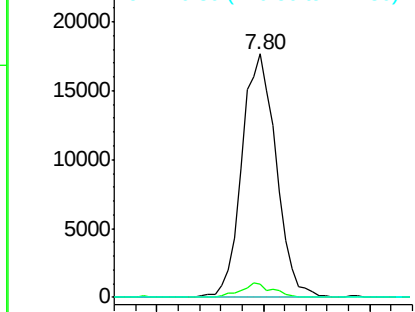
#38
Carbon Tetrachloride
Concen: 6.185 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003341.D
Acq: 24 Jul 2020 18:51

Instrument :
MSVOA_Y
ClientSampleId :
9

Tot Ion:117 Resp: 39917
Ion Ratio Lower Upper
117 100
119 5.6 74.5 111.7#
121 0.0 24.2 36.2#

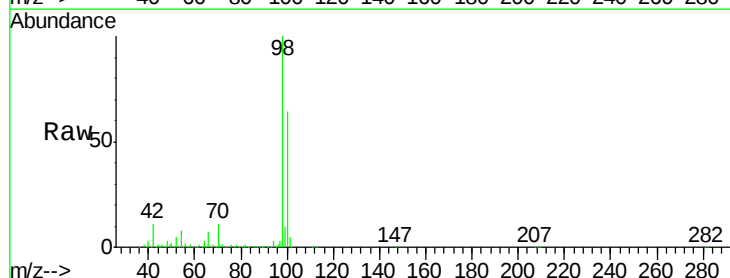


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

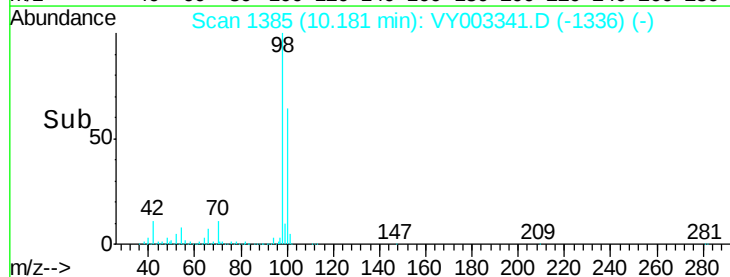
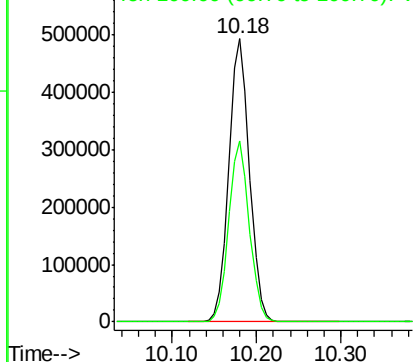


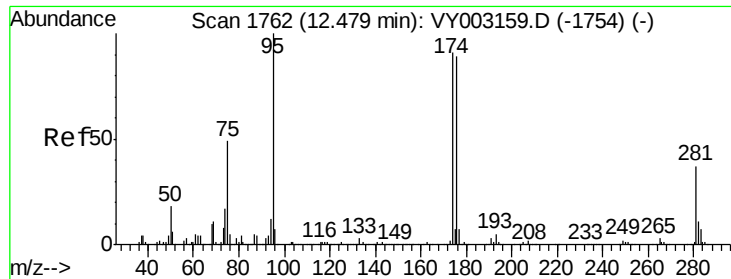
#50
Toluene-d8
Concen: 55.856 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003341.D
Acq: 24 Jul 2020 18:51

Tgt Ion: 98 Resp: 824315
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

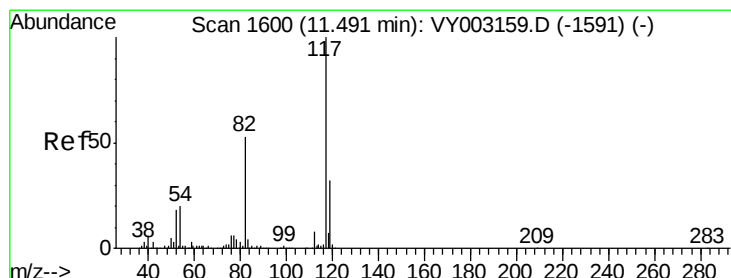
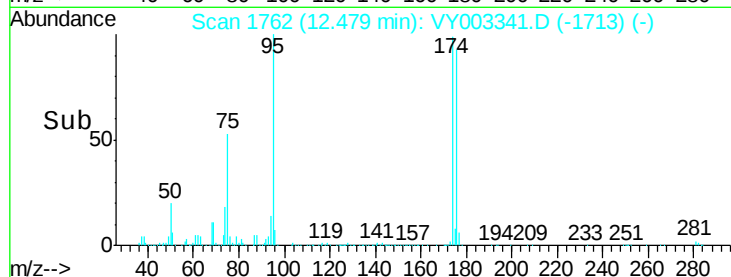
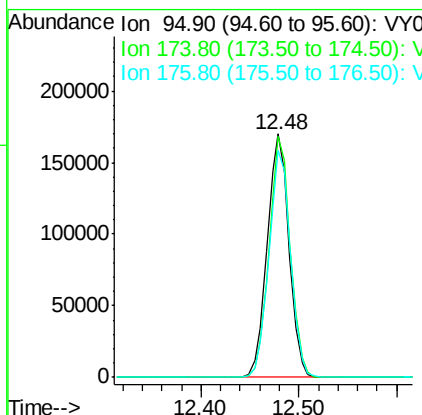
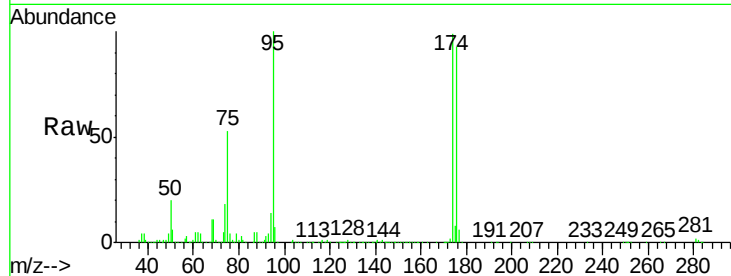




#62
4-Bromofluorobenzene
Concen: 49.909 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003341.D
Acq: 24 Jul 2020 18:51

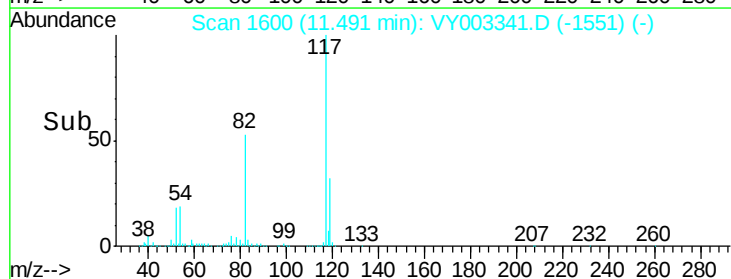
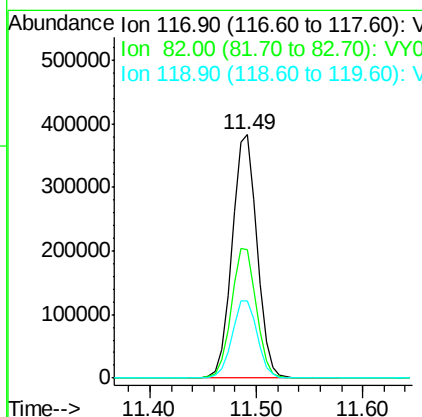
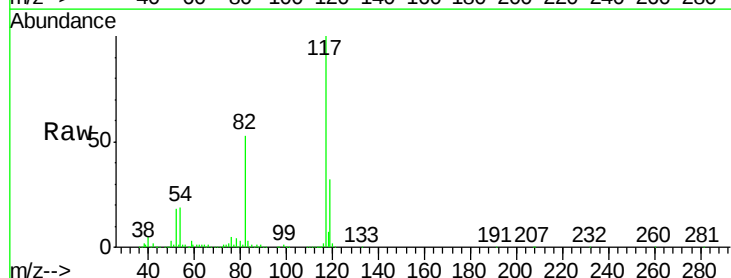
Instrument :
MSVOA_Y
ClientSampleId :
9

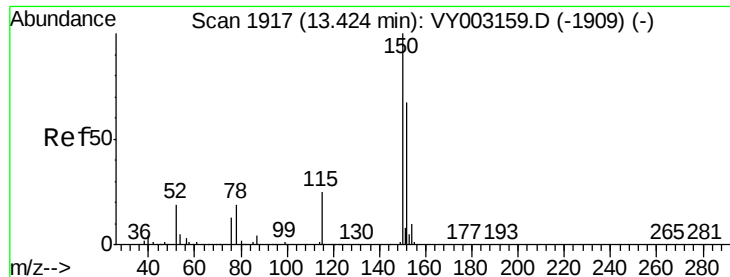
Tot Ion	95	Resp	266083
Ion Ratio	Lower	Upper	
95	100		
174	96.4	0.0	190.6
176	92.2	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003341.D
Acq: 24 Jul 2020 18:51

Tgt Ion	117	Resp	628566
Ion Ratio	Lower	Upper	
117	100		
82	52.6	42.0	63.0
119	31.7	25.5	38.3



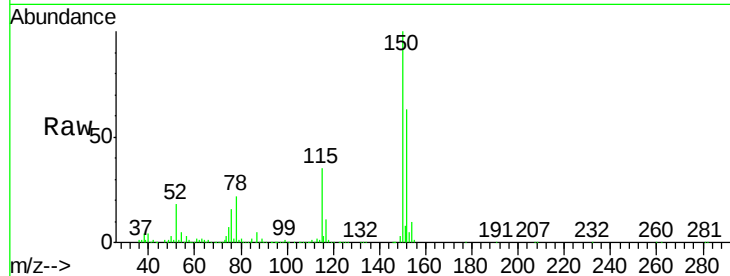


#72

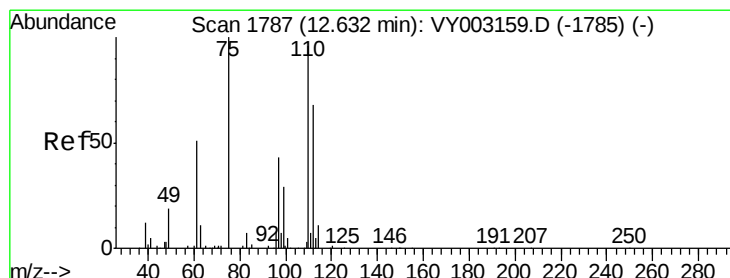
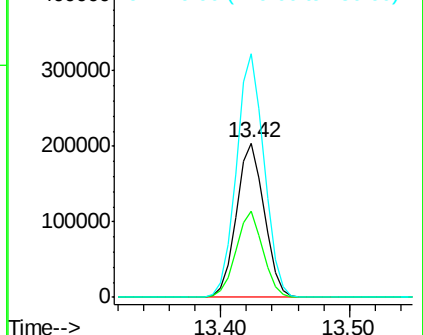
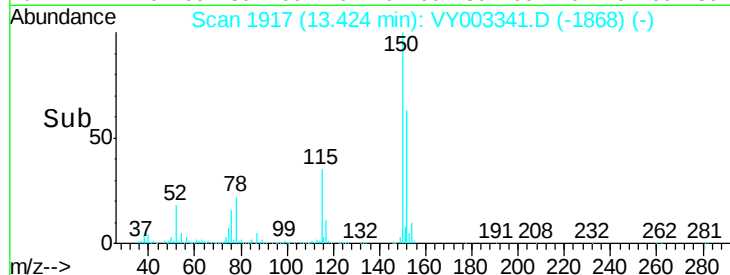
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003341.D
Acq: 24 Jul 2020 18:51

Instrument :
MSVOA_Y
ClientSampleId :
9

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.9	80.7
150	156.9	0.0	338.0



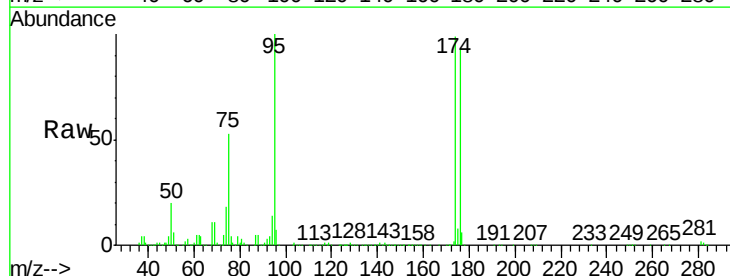
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



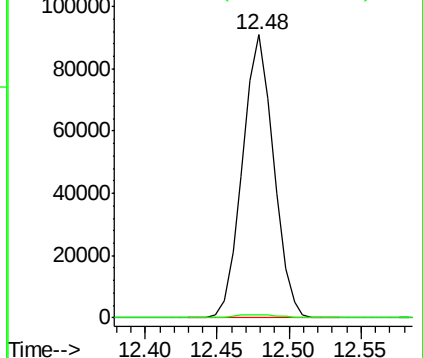
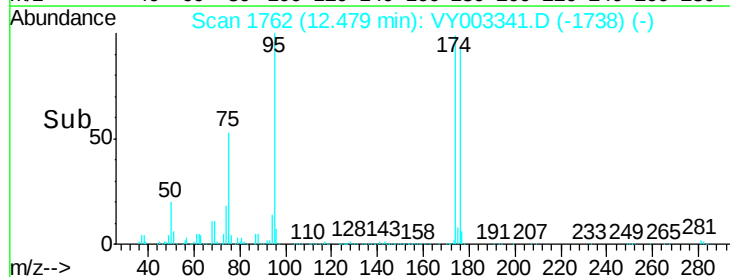
#76

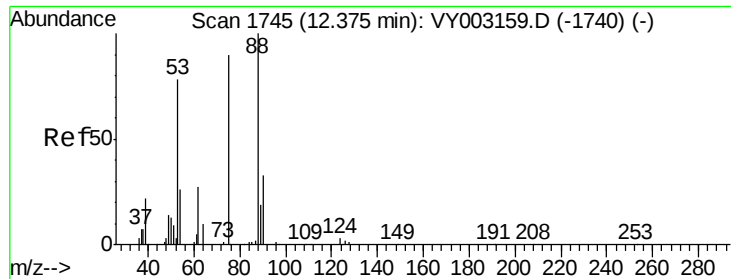
1,2,3-Trichloropropane
Concen: 50.269 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003341.D
Acq: 24 Jul 2020 18:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 97.834 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003341.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

9

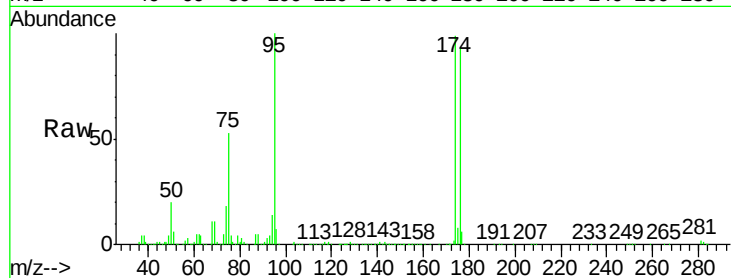
Tot Ion: 75 Resp: 136310

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.1 37.3 55.9#



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

