

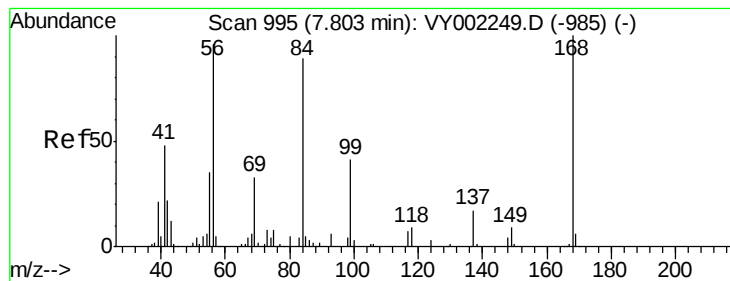
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002367.D
 Acq On : 16 Apr 2020 15:17
 Operator : SY/MD
 Sample : L2244-01RE
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	148368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	298334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	287290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	83583	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	7.74	113	87193	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.19	98	368558	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.49	95	128745	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	11051	25.430	ug/l	99
17) Carbon Disulfide	4.21	76	8042	1.352	ug/l	96
20) Methylene Chloride	4.73	84	5877	2.751	ug/l	95
25) 2-Butanone	7.02	43	3845	5.591	ug/l	96
36) 1,1-Dichloropropene	7.80	75	11838	4.029	ug/l #	49
37) Ethyl Acetate	7.02	43	3845	2.290	ug/l #	67
38) Carbon Tetrachloride	7.80	117	14774	5.878	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	60086	42.757	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60086	83.162	ug/l #	19

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002367.D

Acq: 16 Apr 2020 15:17

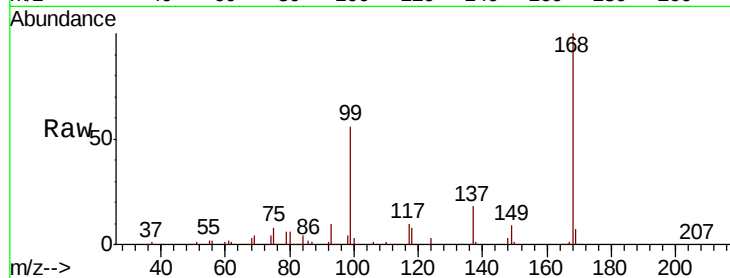
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 148368

Ion Ratio Lower Upper

168 100

99 55.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

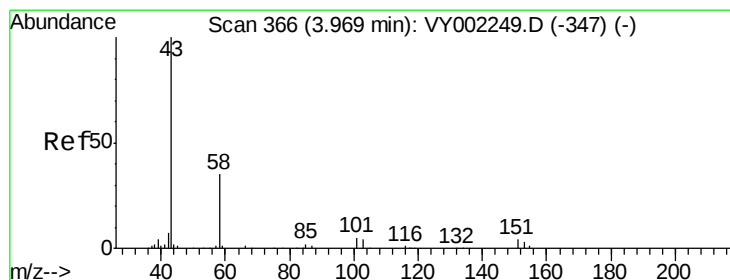
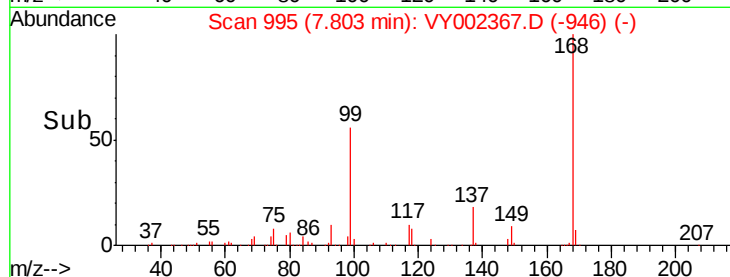
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 25.430 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002367.D

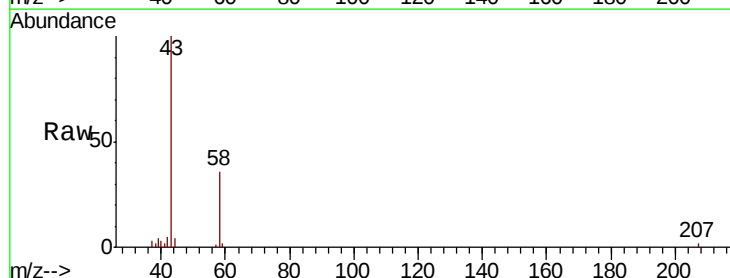
Acq: 16 Apr 2020 15:17

Tgt Ion: 43 Resp: 11051

Ion Ratio Lower Upper

43 100

58 36.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

3.97

4000

3000

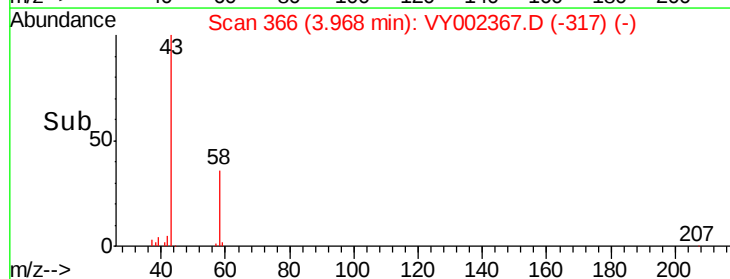
2000

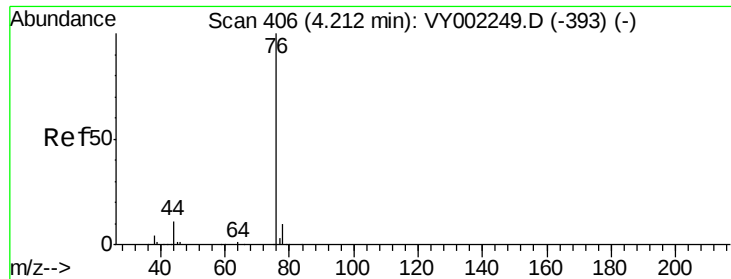
1000

0

3.90 4.00

Time-->

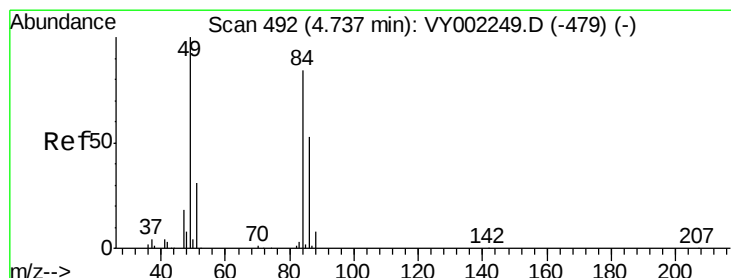
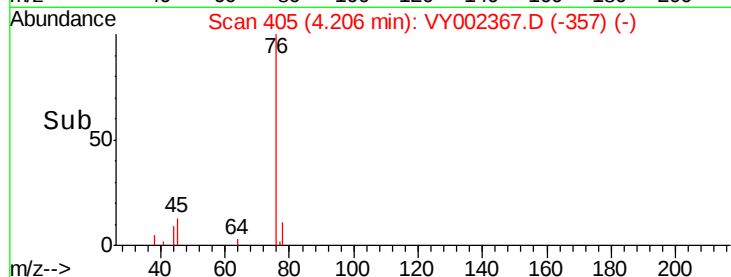
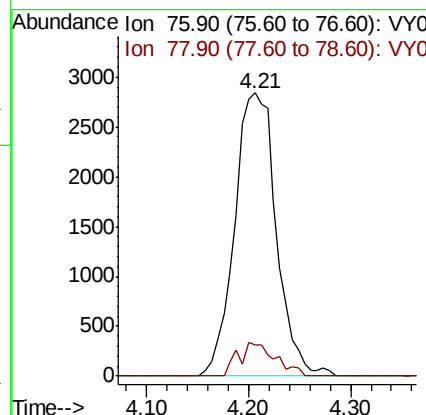
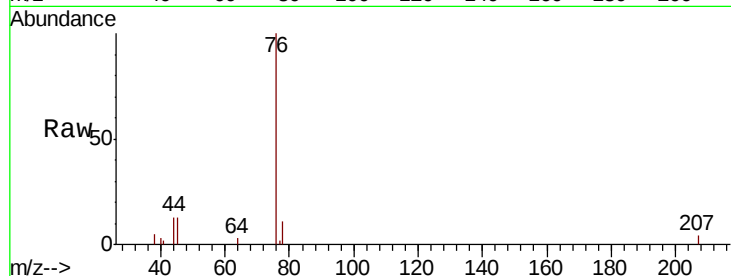




#17
Carbon Disulfide
Concen: 1.352 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002367.D
Acq: 16 Apr 2020 15:17

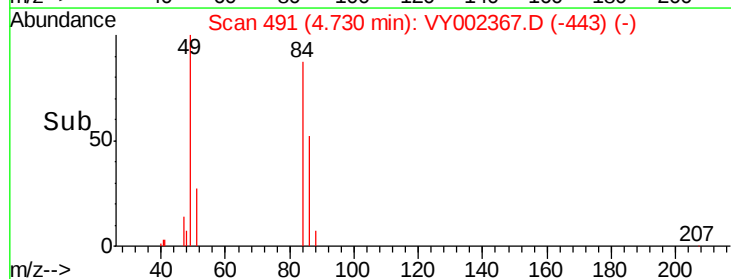
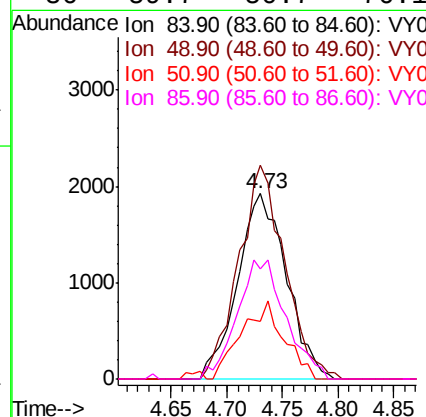
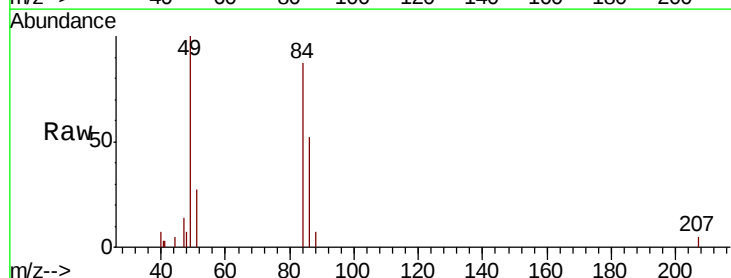
Instrument :
MSVOA_Y
ClientSampleId :

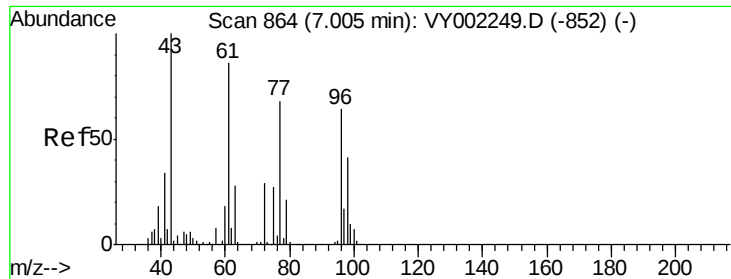
Tot Ion: 76 Resp: 8042
Ion Ratio Lower Upper
76 100
78 10.9 7.7 11.5



#20
Methylene Chloride
Concen: 2.751 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002367.D
Acq: 16 Apr 2020 15:17

Tgt Ion: 84 Resp: 5877
Ion Ratio Lower Upper
84 100
49 115.3 95.5 143.3
51 30.8 29.5 44.3
86 59.7 50.7 76.1





#25

2-Butanone

Concen: 5.591 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002367.D

Acq: 16 Apr 2020 15:17

Instrument :

MSVOA_Y

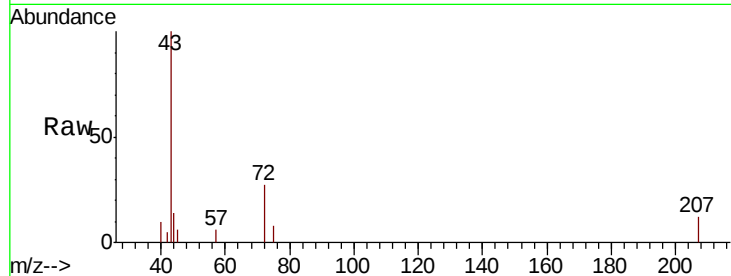
ClientSampled :

Tot Ion: 43 Resp: 3845

Ion Ratio Lower Upper

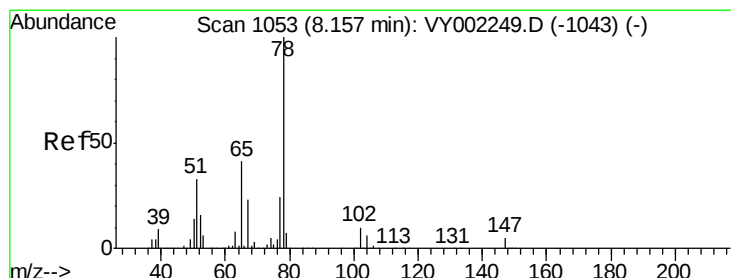
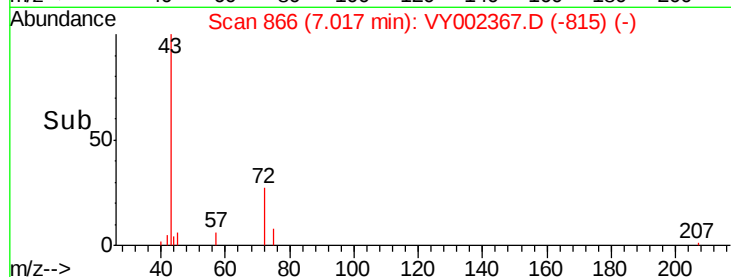
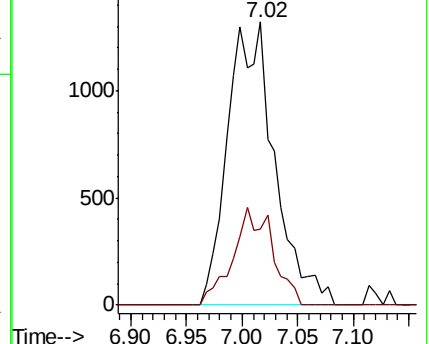
43 100

72 26.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 50.658 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002367.D

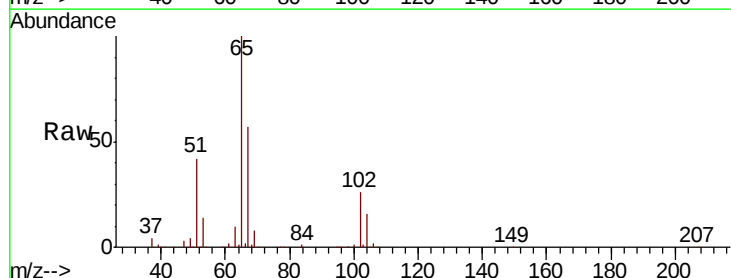
Acq: 16 Apr 2020 15:17

Tgt Ion: 65 Resp: 83583

Ion Ratio Lower Upper

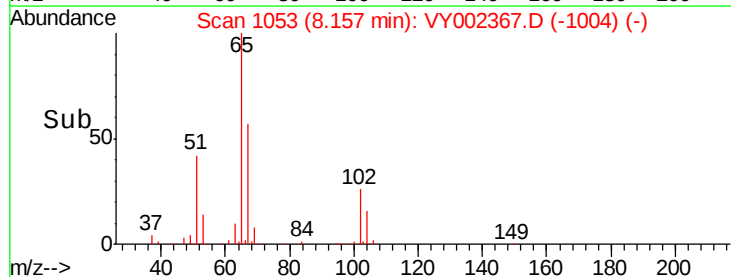
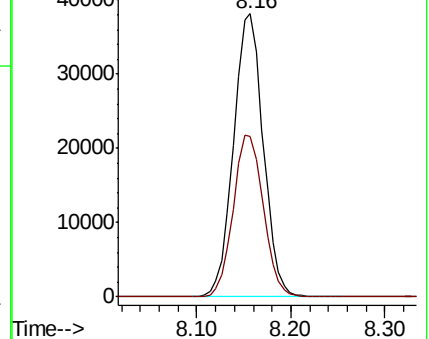
65 100

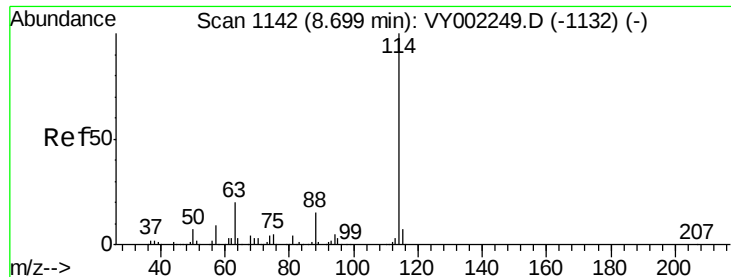
67 58.2 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002367.D

Acq: 16 Apr 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

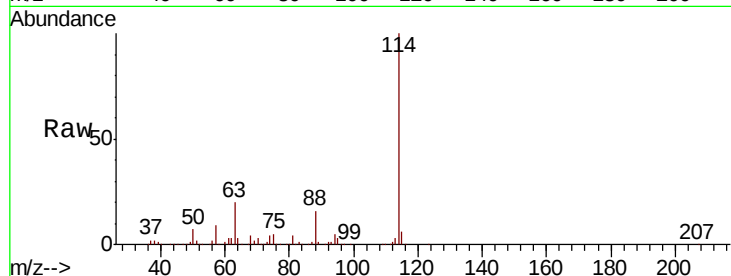
Tot Ion:114 Resp: 298334

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

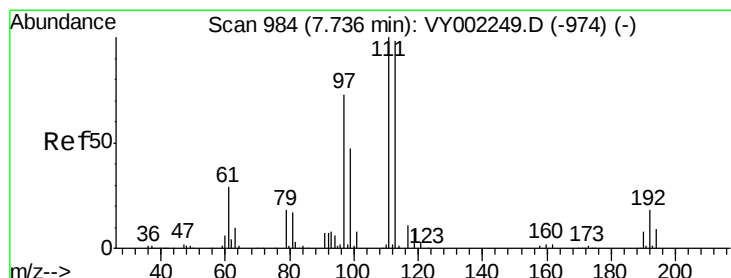
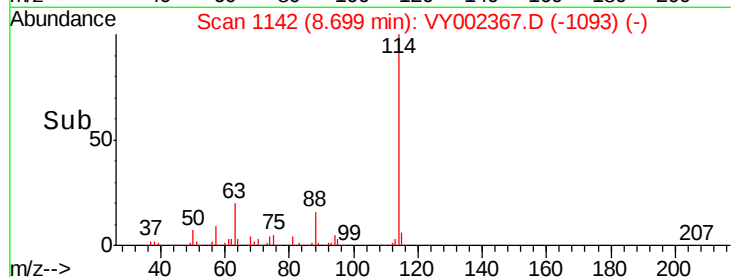
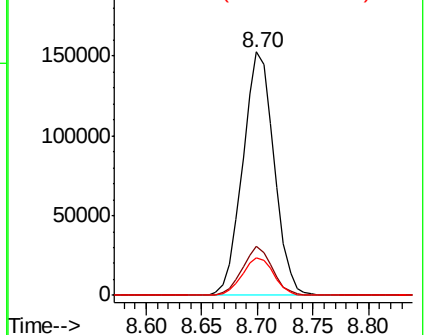
88 15.6 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 49.118 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002367.D

Acq: 16 Apr 2020 15:17

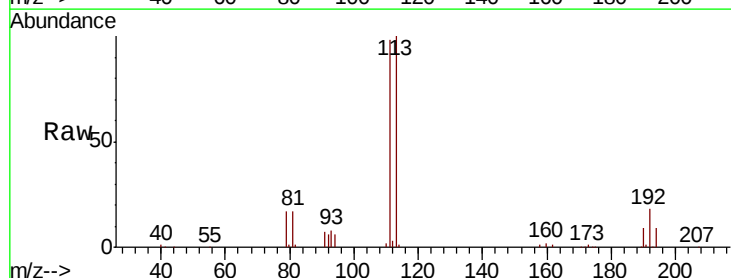
Tgt Ion:113 Resp: 87193

Ion Ratio Lower Upper

113 100

111 103.0 83.5 125.3

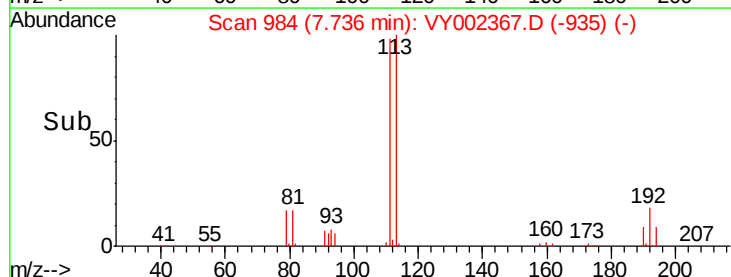
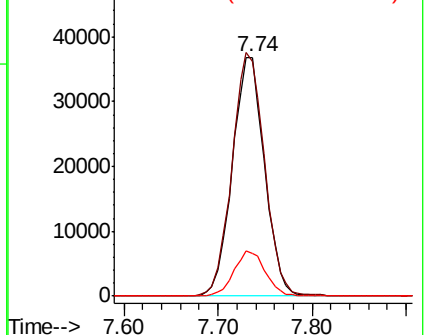
192 18.2 14.7 22.1

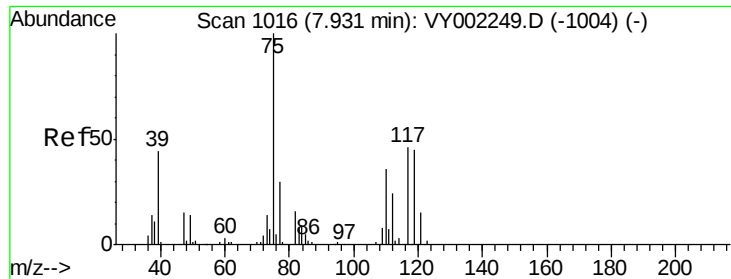


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

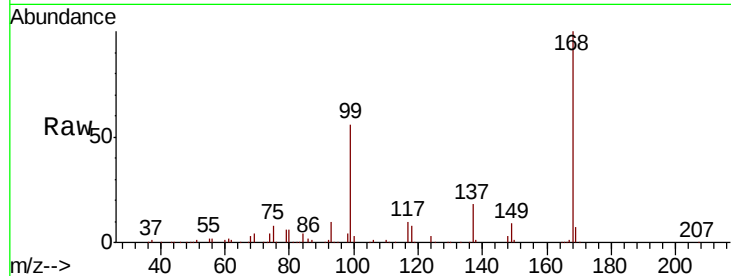




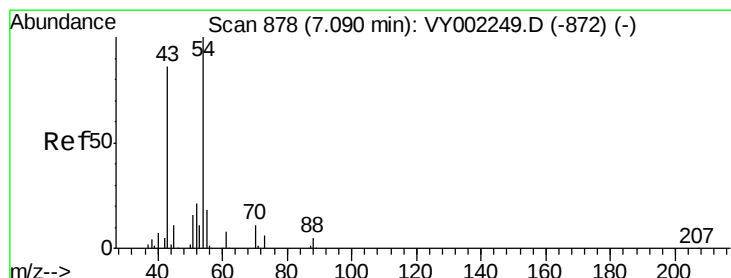
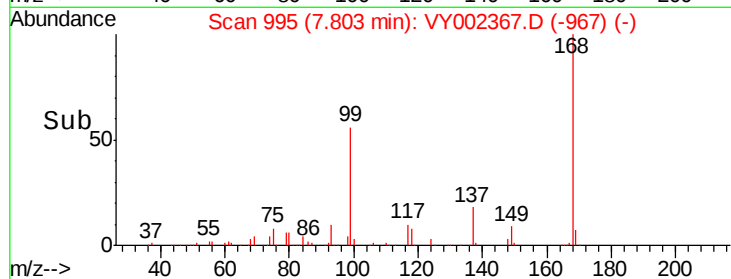
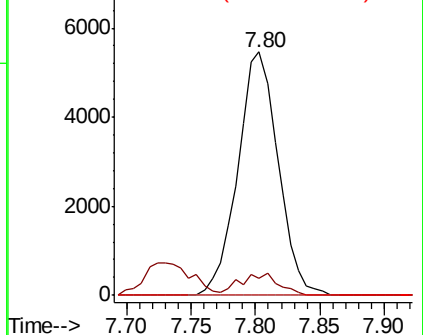
#36
 1,1-Dichloropropene
 Concen: 4.029 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002367.D
 Acq: 16 Apr 2020 15:17

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.3#
77	0.0	24.4	36.6#

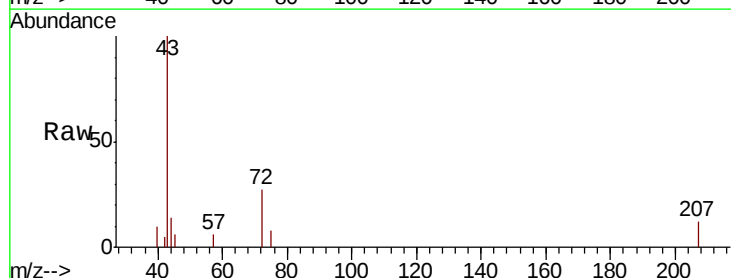


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

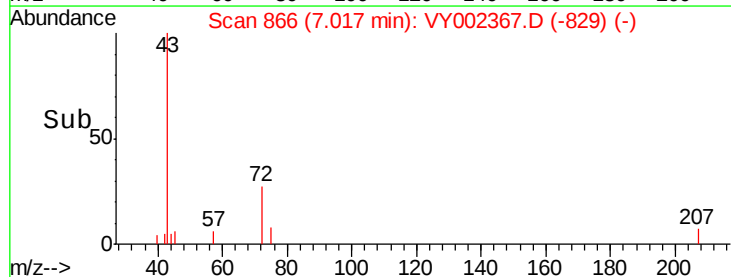
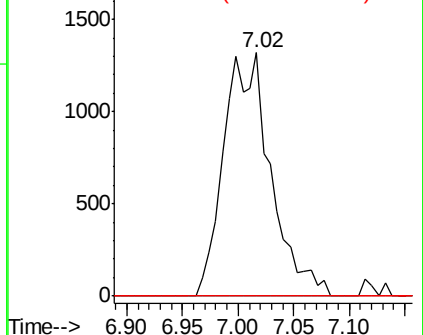


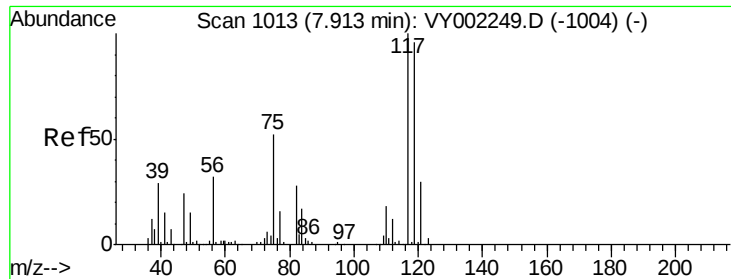
#37
 Ethyl Acetate
 Concen: 2.290 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.07 min
 Lab File: VY002367.D
 Acq: 16 Apr 2020 15:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.1	13.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 70.00 (69.70 to 70.70): VY0

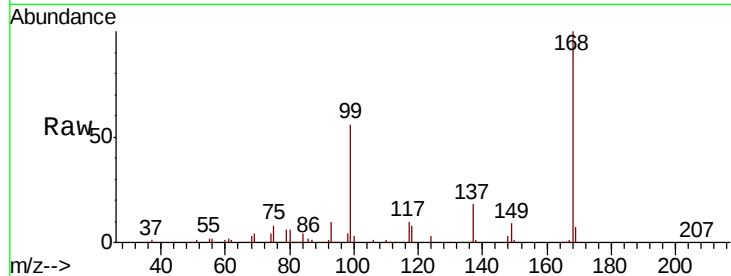




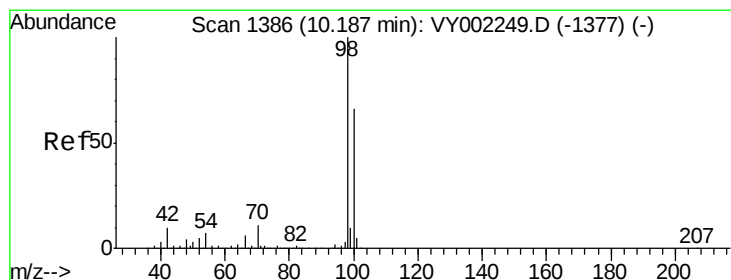
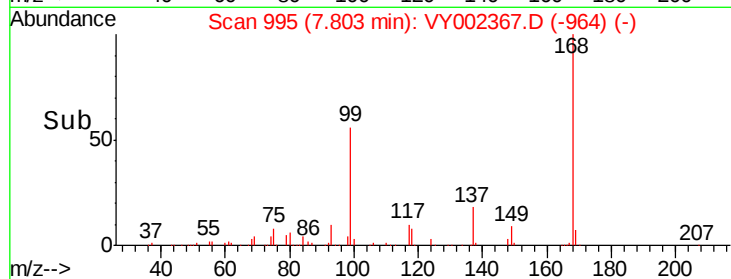
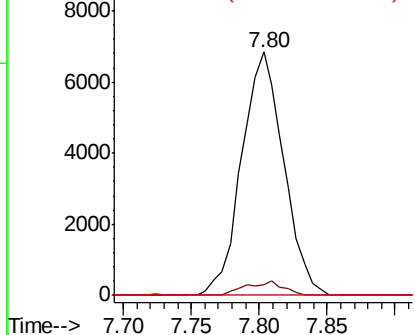
#38
Carbon Tetrachloride
Concen: 5.878 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY002367.D
Acq: 16 Apr 2020 15:17

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 14774
Ion Ratio Lower Upper
117 100
119 4.6 77.1 115.7#
121 0.0 23.9 35.9#

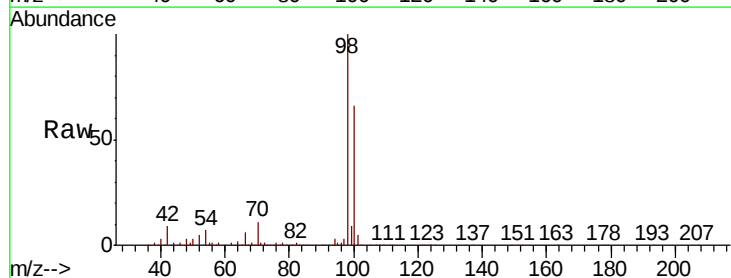


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

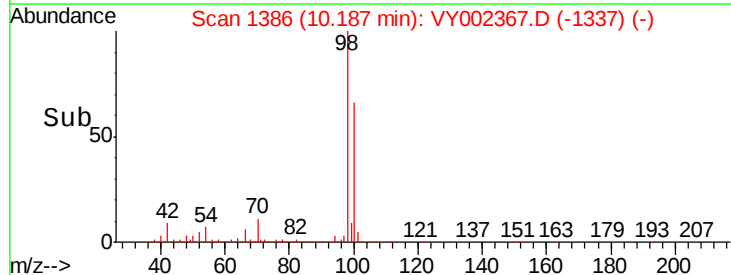
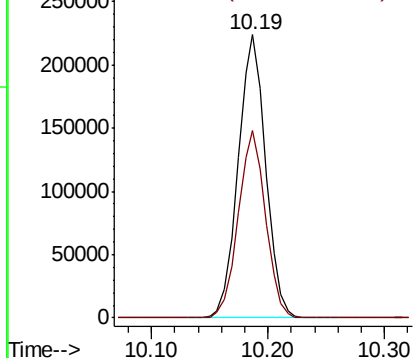


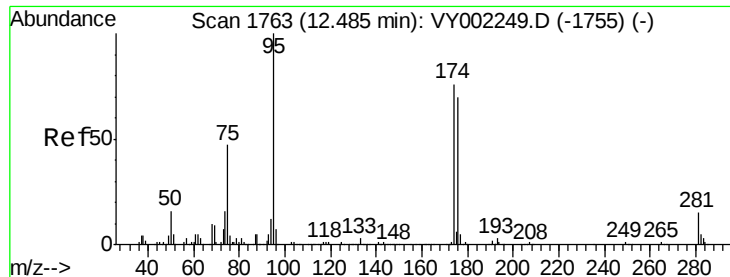
#50
Toluene-d8
Concen: 49.603 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002367.D
Acq: 16 Apr 2020 15:17

Tgt Ion: 98 Resp: 368558
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



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

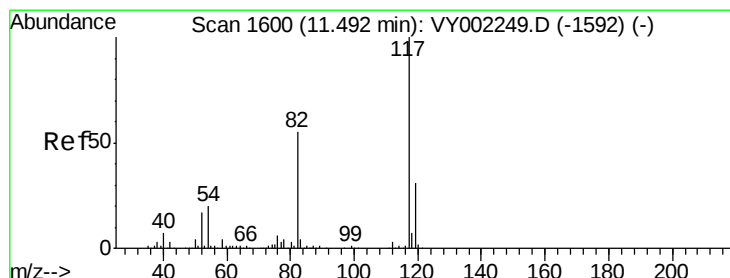
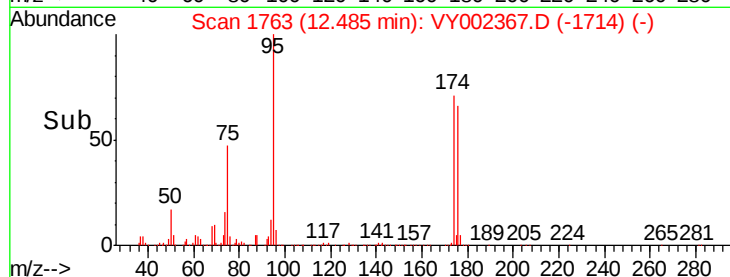
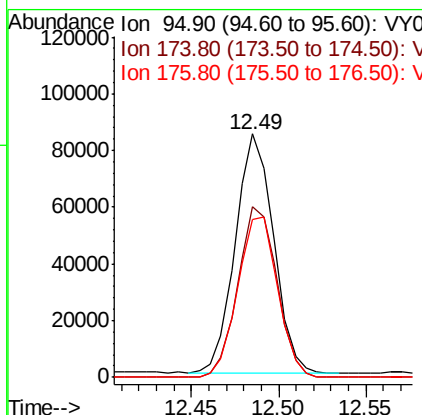
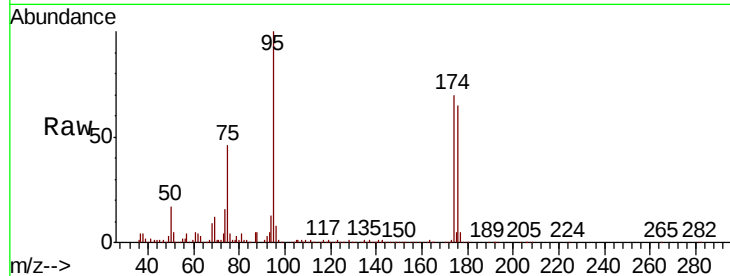




#62
4-Bromofluorobenzene
Concen: 52.521 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002367.D
Acq: 16 Apr 2020 15:17

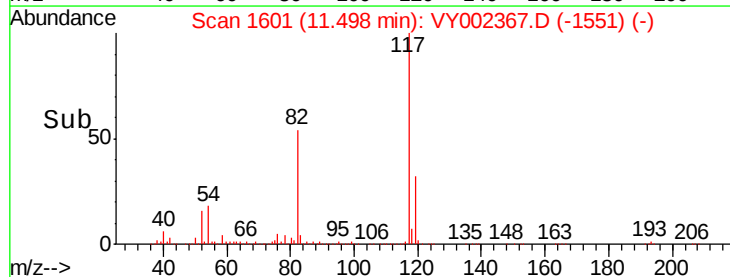
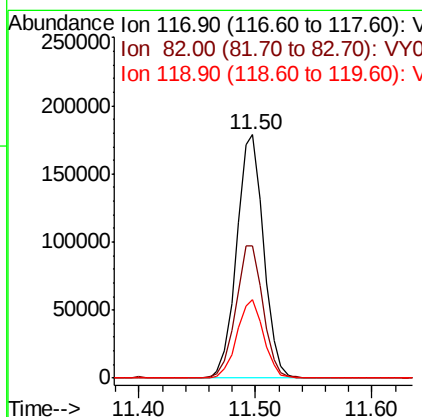
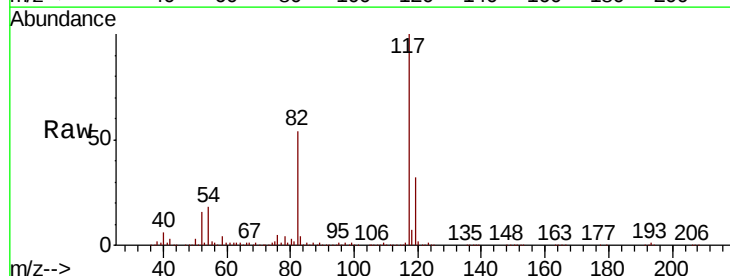
Instrument :
MSVOA_Y
ClientSampleId :

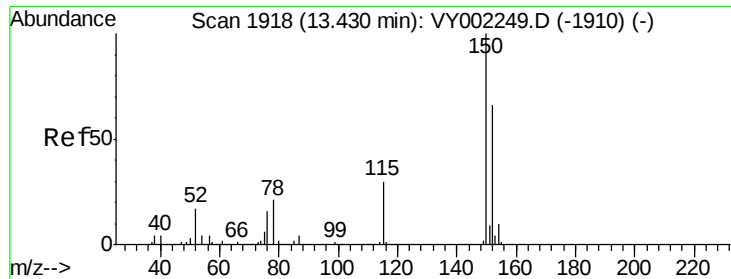
Tot Ion: 95 Resp: 128745
Ion Ratio Lower Upper
95 100
174 72.6 0.0 150.6
176 70.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002367.D
Acq: 16 Apr 2020 15:17

Tgt Ion: 117 Resp: 287290
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.4
119 32.2 25.1 37.7



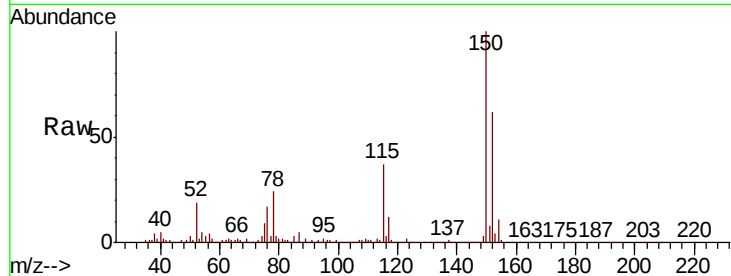


#72

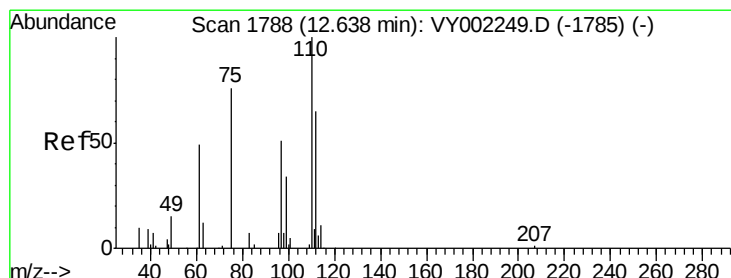
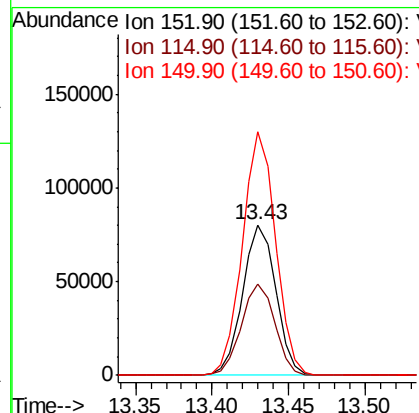
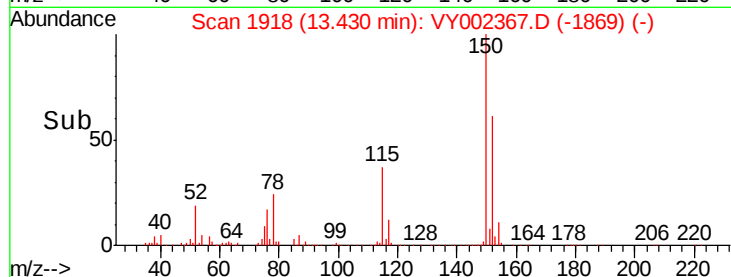
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002367.D
Acq: 16 Apr 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.7	92.1
150	160.6	0.0	350.6



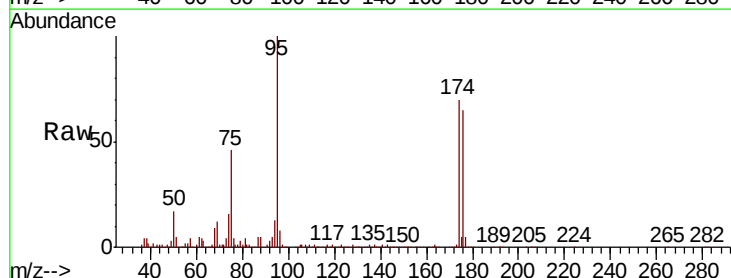
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



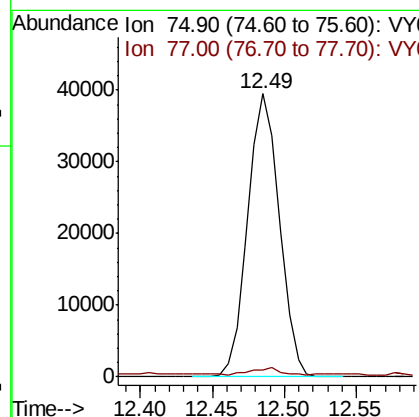
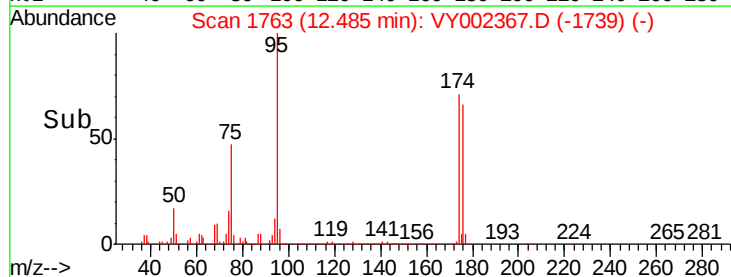
#76

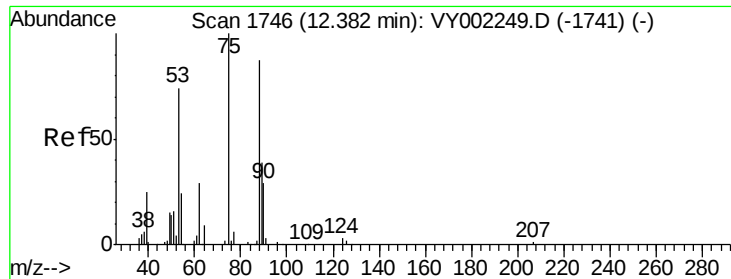
1,2,3-Trichloropropane
Concen: 42.757 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002367.D
Acq: 16 Apr 2020 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.9	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: 83.162 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002367.D

Acq: 16 Apr 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

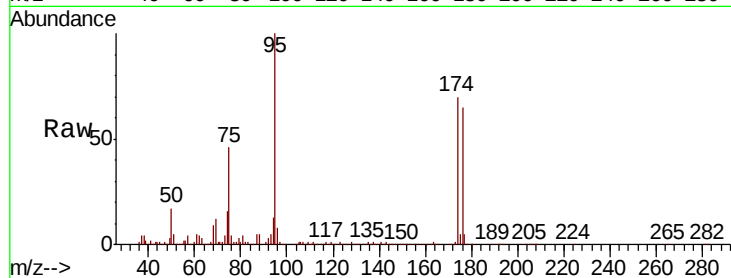
Tot Ion: 75 Resp: 60086

Ion Ratio Lower Upper

75 100

53 0.1 59.8 89.8#

89 0.0 37.0 55.6#



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

