

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003460.D
 Acq On : 05 Oct 2020 18:49
 Operator : SY/MD
 Sample : VY1005SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 04:26:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:23:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	592148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	887697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	818167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	429447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	324756	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
35) Dibromofluoromethane	7.72	113	277645	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.18	98	1109980	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.48	95	374025	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

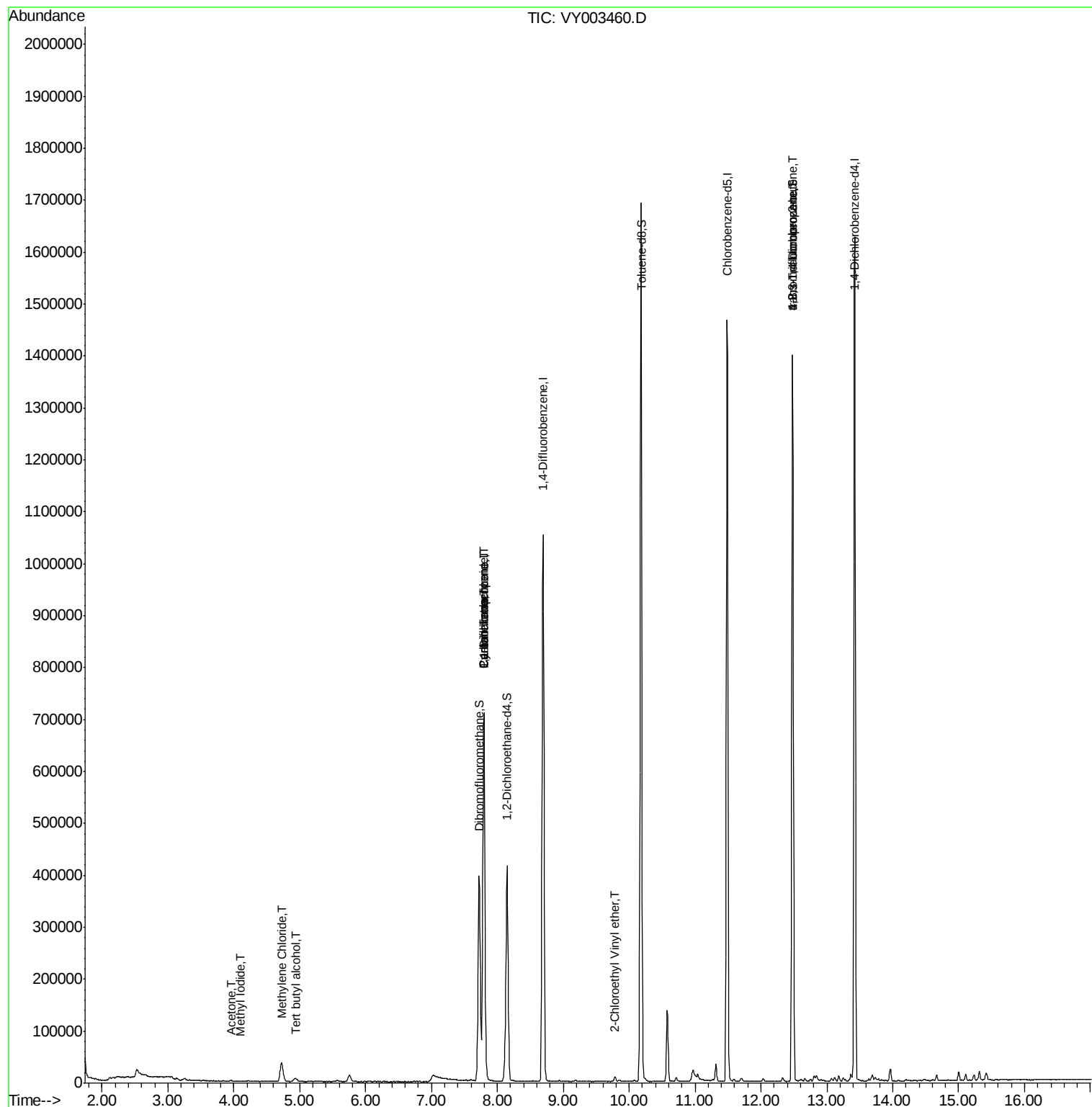
					Qvalue	
5) Bromomethane	2.66	94	1162	Below Cal	#	60
10) Methyl Iodide	4.09	142	564	7.089	ug/l #	40
11) Tert butyl alcohol	4.94	59	6985	12.202	ug/l #	75
16) Acetone	3.96	43	4025	2.780	ug/l #	88
20) Methylene Chloride	4.72	84	27881	1.016	ug/l	93
31) Cyclohexane	7.80	56	10873	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	41058	4.932	ug/l #	50
38) Carbon Tetrachloride	7.79	117	50767	5.816	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.78	63	4033	1.175	ug/l	99
76) 1,2,3-Trichloropropane	12.48	75	193979	52.237	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	193979	99.471	ug/l #	12

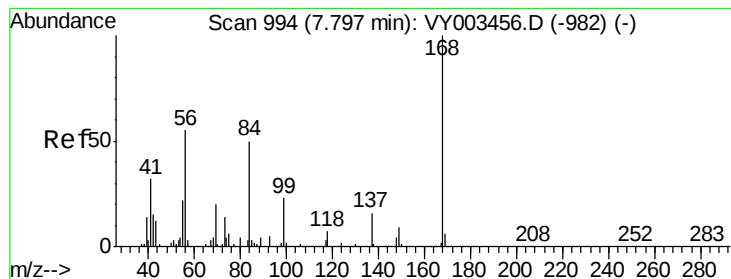
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
Data File : VY003460.D
Acq On : 05 Oct 2020 18:49
Operator : SY/MD
Sample : VY1005SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 06 04:26:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 06 04:23:24 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: VY003460.D

Acq: 05 Oct 2020 18:49

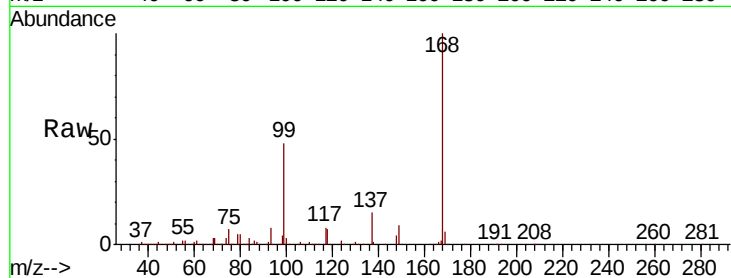
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 592148

Ion Ratio Lower Upper

168 100

99 48.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VY003456.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY003456.D (-982) (-)

7.80

300000

250000

200000

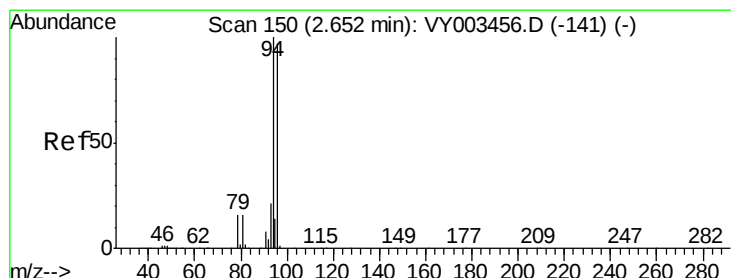
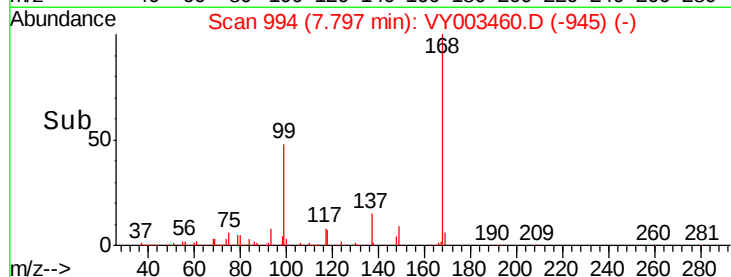
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003460.D

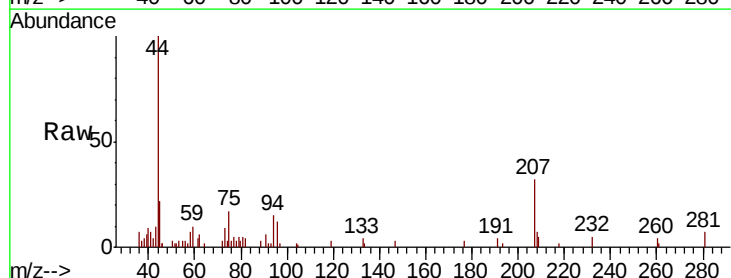
Acq: 05 Oct 2020 18:49

Tgt Ion: 94 Resp: 1162

Ion Ratio Lower Upper

94 100

96 58.0 77.4 116.2#



Abundance Ion 93.90 (93.60 to 94.60): VY003456.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VY003456.D (-141) (-)

2.66

800

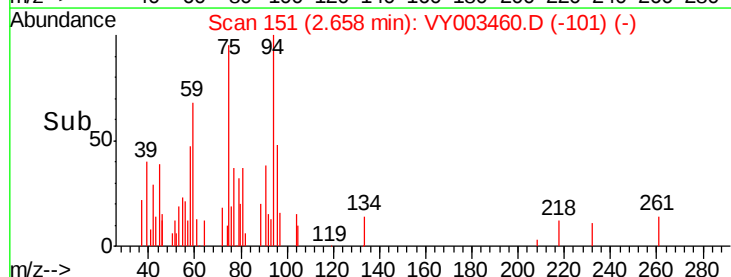
600

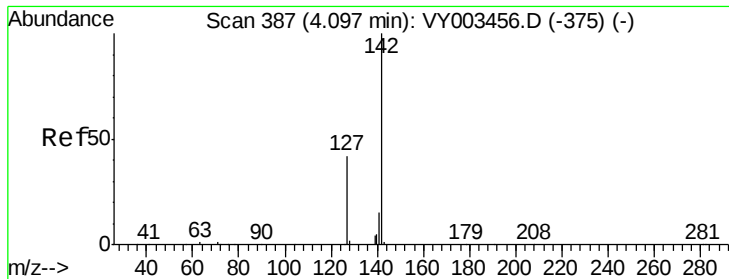
400

200

0

Time-->

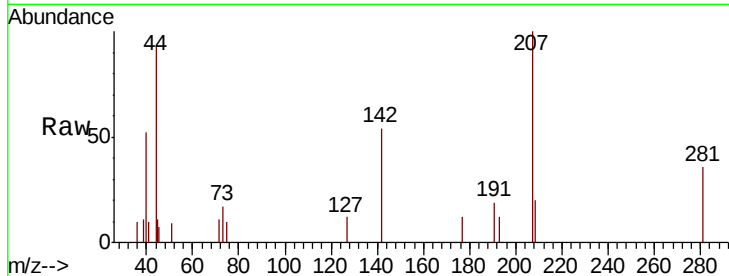




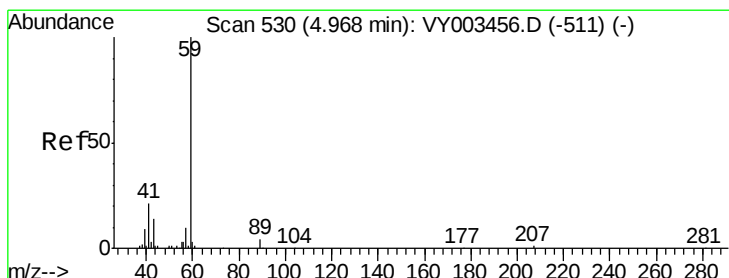
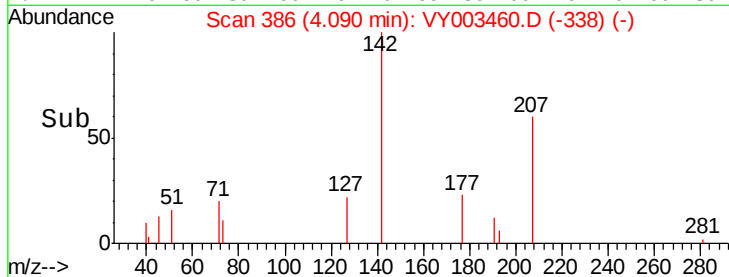
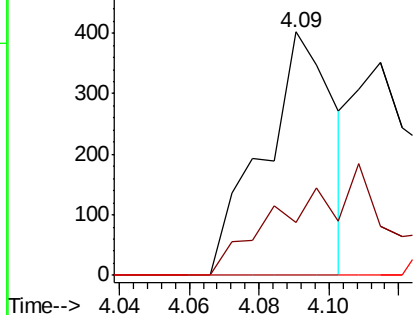
#10
Methyl Iodide
Concen: 7.089 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY003460.D
Acq: 05 Oct 2020 18:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:142 Resp: 564
Ion Ratio Lower Upper
142 100
127 0.0 34.9 52.3#
141 0.0 11.9 17.9#

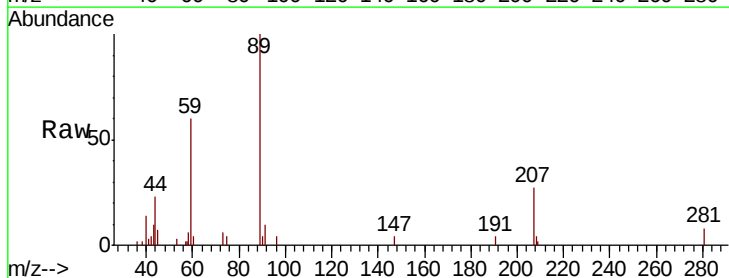


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

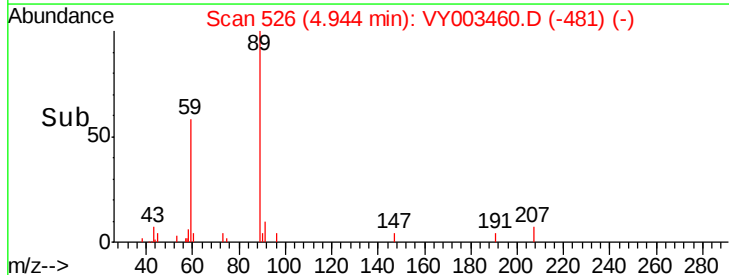
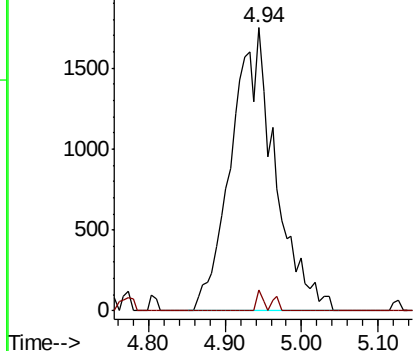


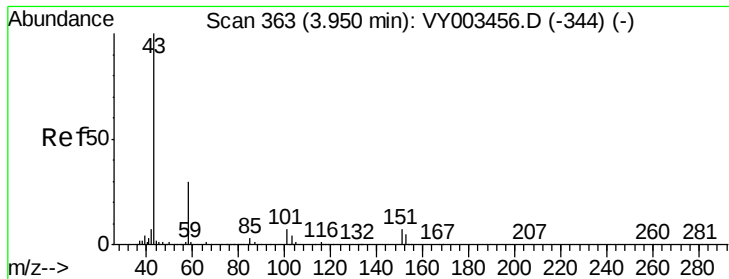
#11
Tert butyl alcohol
Concen: 12.202 ug/l
RT: 4.94 min Scan# 526
Delta R.T. -0.02 min
Lab File: VY003460.D
Acq: 05 Oct 2020 18:49

Tgt Ion: 59 Resp: 6985
Ion Ratio Lower Upper
59 100
57 1.0 8.4 12.6#



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

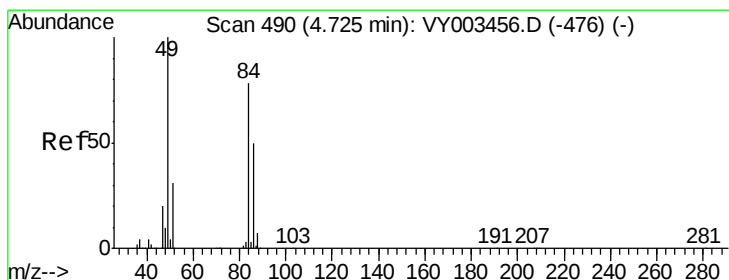
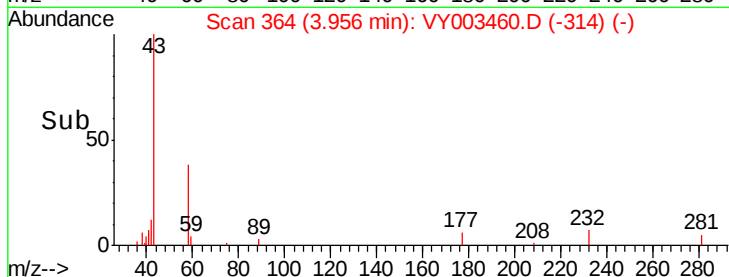
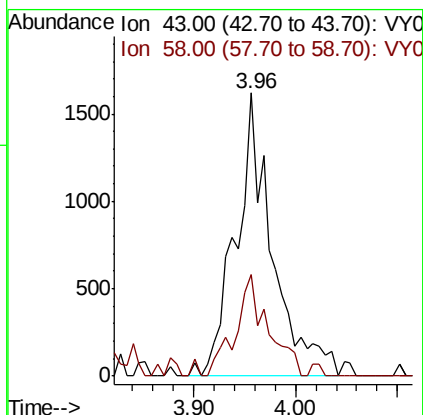
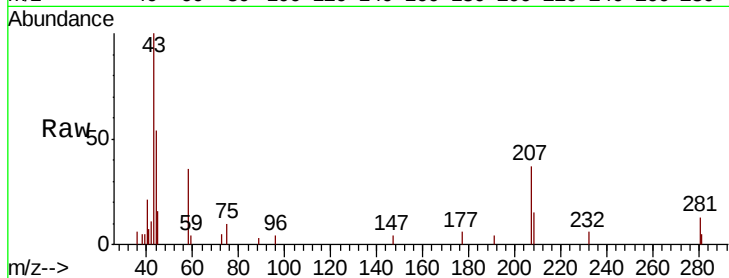




#16
Acetone
Concen: 2.780 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003460.D
Acq: 05 Oct 2020 18:49

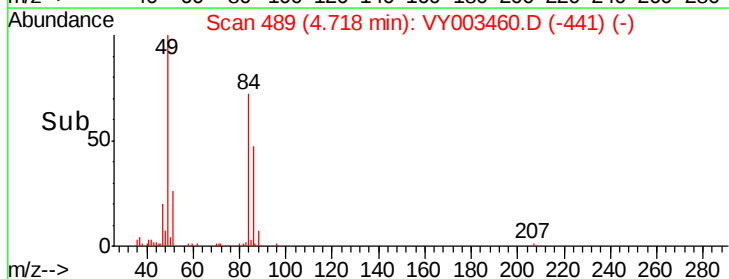
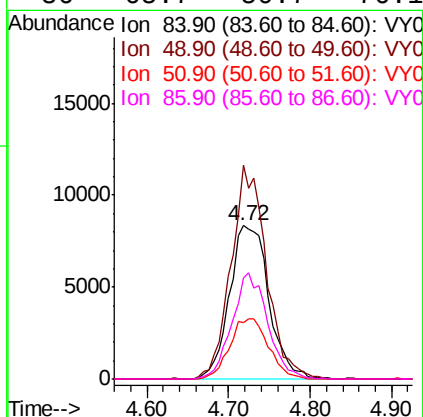
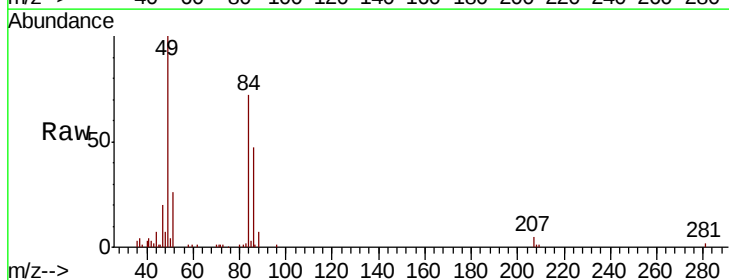
Instrument :
MSVOA_Y
ClientSampleId :

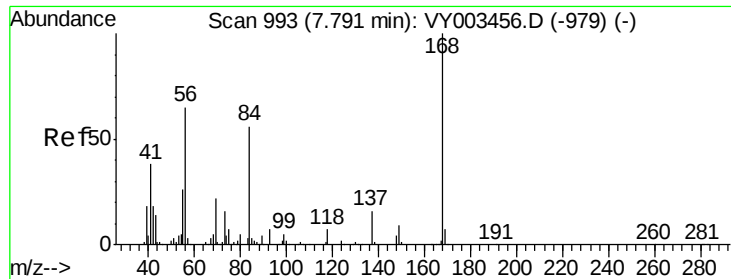
Tot Ion: 43 Resp: 4025
Ion Ratio Lower Upper
43 100
58 36.1 23.8 35.8#



#20
Methylene Chloride
Concen: 1.016 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003460.D
Acq: 05 Oct 2020 18:49

Tgt Ion: 84 Resp: 27881
Ion Ratio Lower Upper
84 100
49 139.2 102.2 153.2
51 36.3 32.0 48.0
86 65.7 50.7 76.1

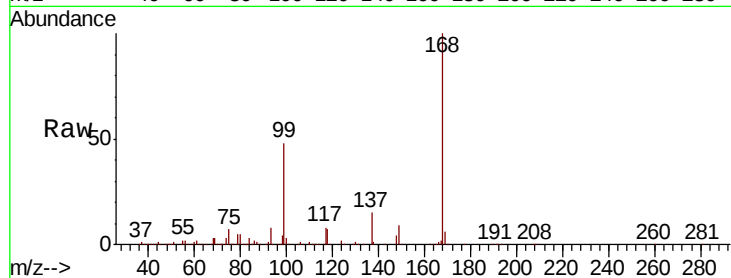




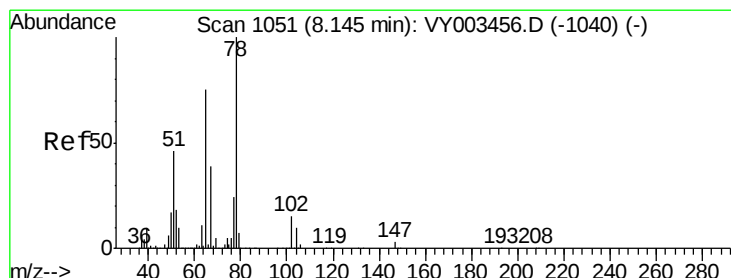
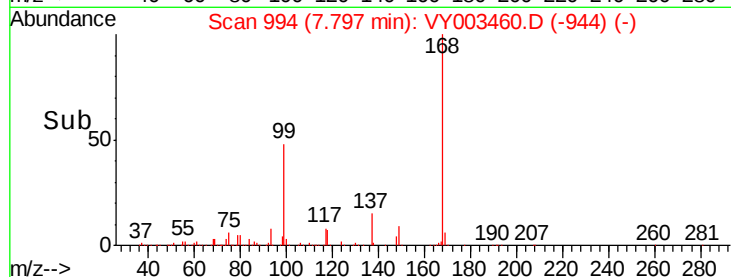
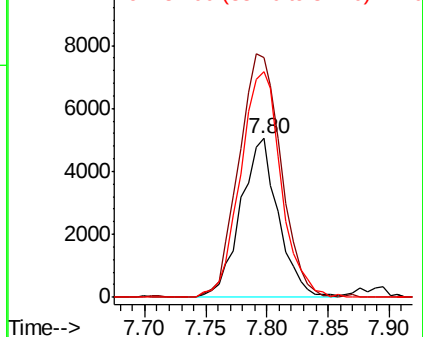
#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003460.D
Acq: 05 Oct 2020 18:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 10873
Ion Ratio Lower Upper
56 100
69 151.0 26.8 40.2#
84 142.1 69.1 103.7#

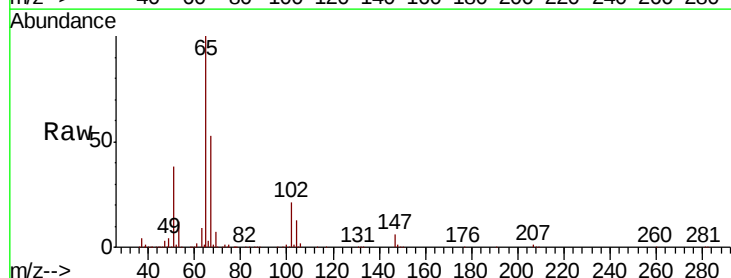


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

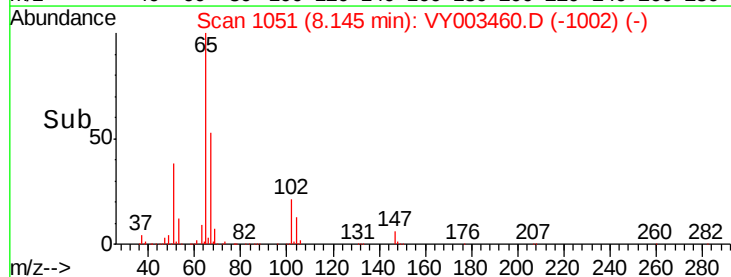
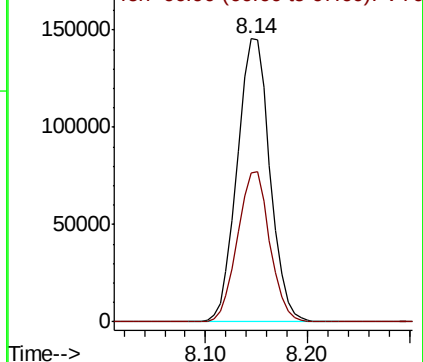


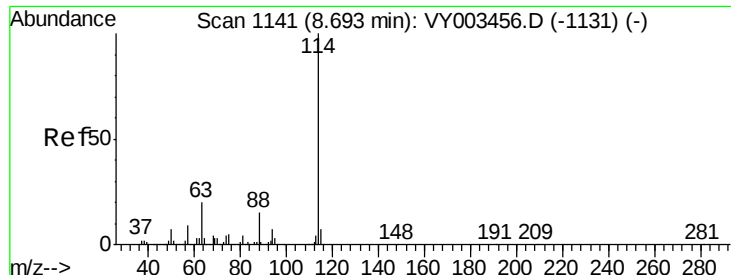
#33
1,2-Dichloroethane-d4
Concen: 53.942 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003460.D
Acq: 05 Oct 2020 18:49

Tgt Ion: 65 Resp: 324756
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

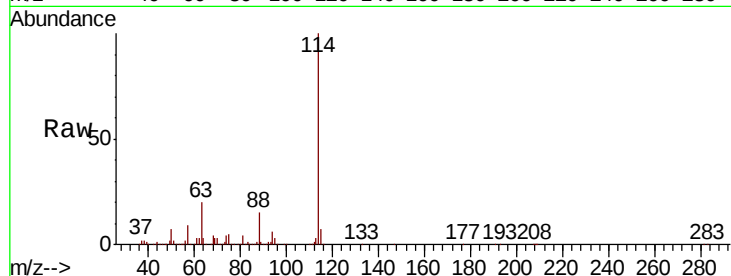




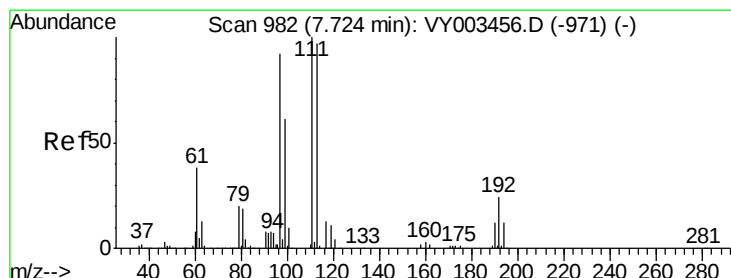
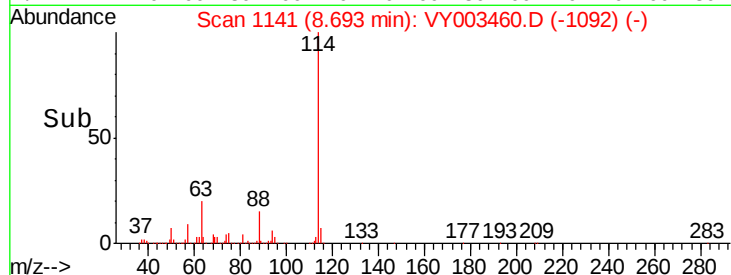
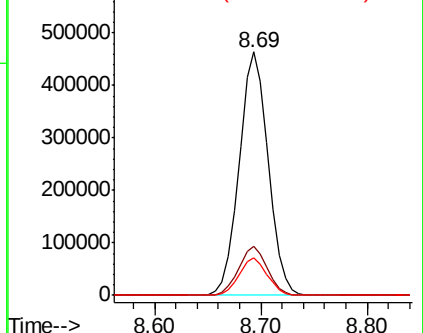
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003460.D
 Acq: 05 Oct 2020 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.2
88	15.3	0.0	30.0

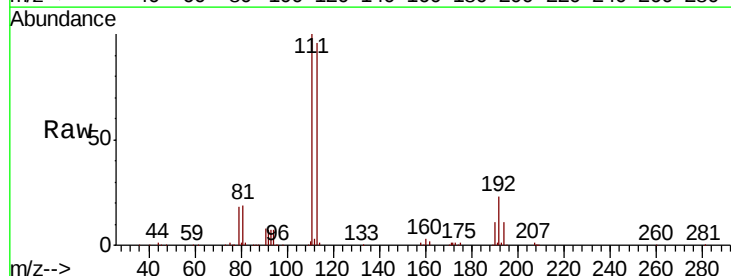


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

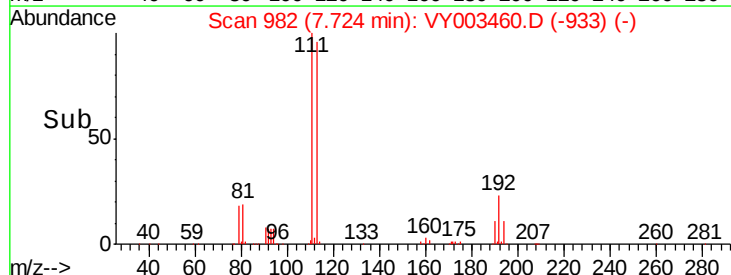
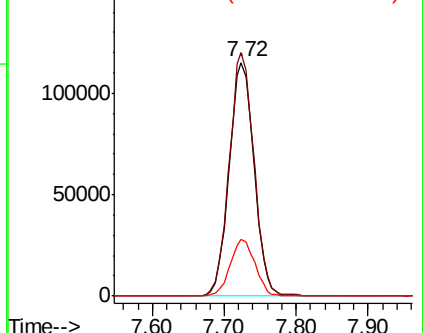


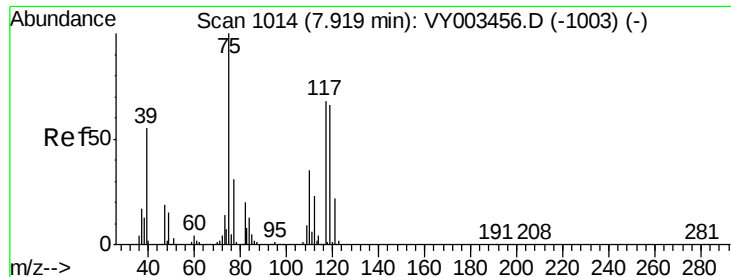
#35
 Dibromofluoromethane
 Concen: 51.863 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003460.D
 Acq: 05 Oct 2020 18:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	24.0	19.8	29.6



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

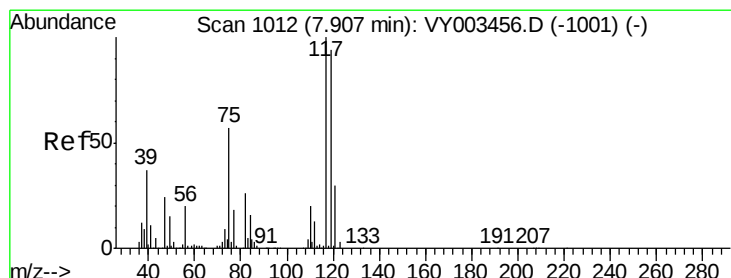
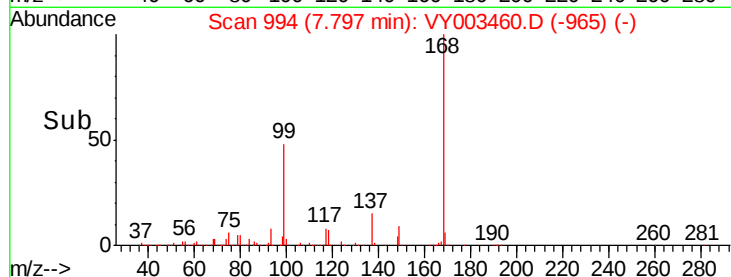
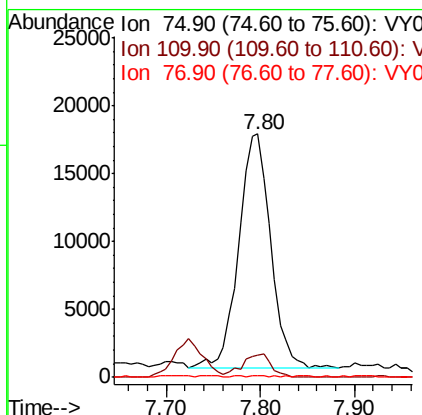
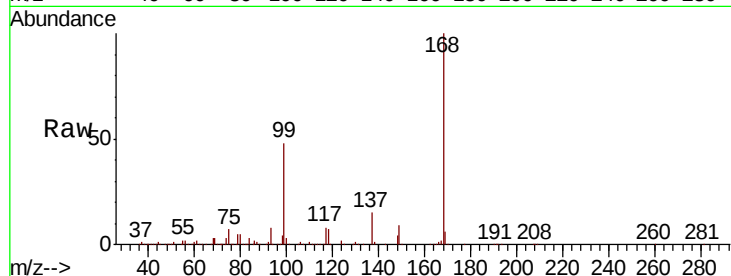




#36
 1,1-Dichloropropene
 Concen: 4.932 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY003460.D
 Acq: 05 Oct 2020 18:49

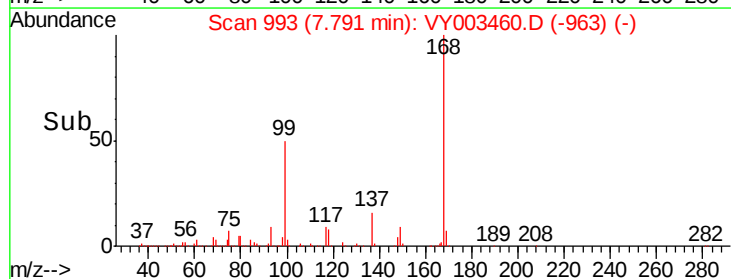
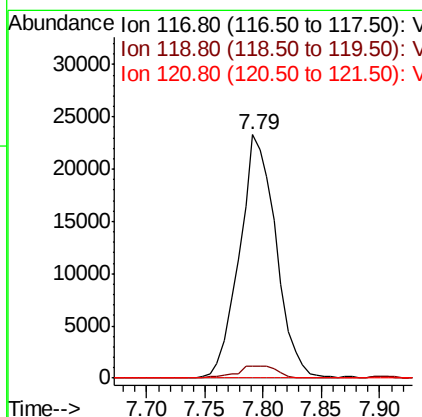
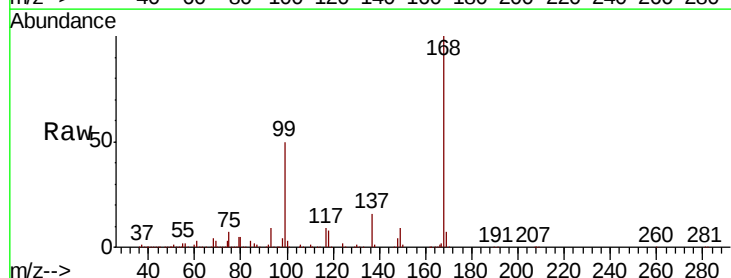
Instrument :
 MSVOA_Y
 ClientSampled :

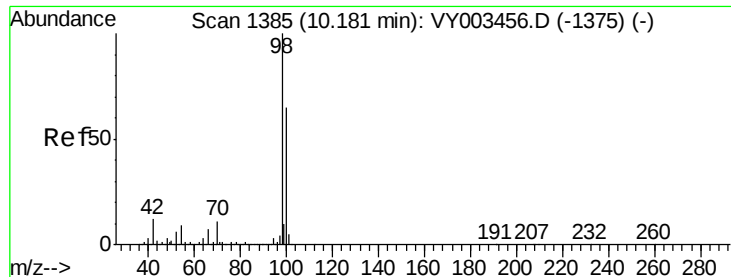
Tot Ion	75	Resp	41058
Ion Ratio	Lower	Upper	
75	100		
110	9.1	17.8	53.3#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.816 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003460.D
 Acq: 05 Oct 2020 18:49

Tgt Ion	117	Resp	50767
Ion Ratio	Lower	Upper	
117	100		
119	4.8	74.7	112.1#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 49.506 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003460.D

Acq: 05 Oct 2020 18:49

Instrument :

MSVOA_Y

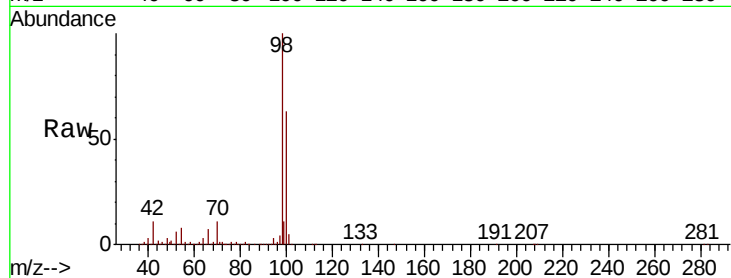
ClientSampleId :

Tot Ion: 98 Resp: 1109980

Ion Ratio Lower Upper

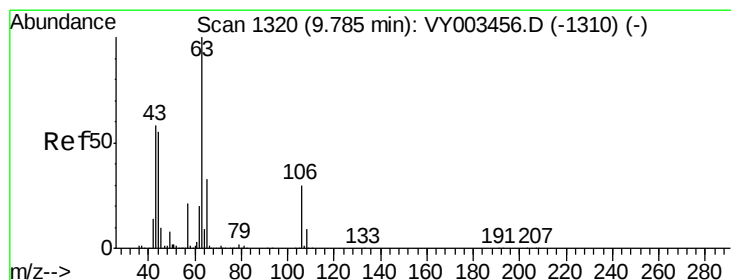
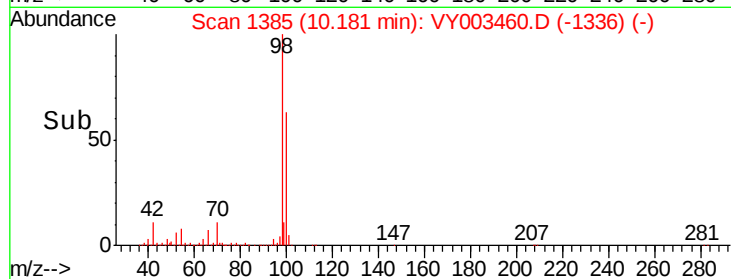
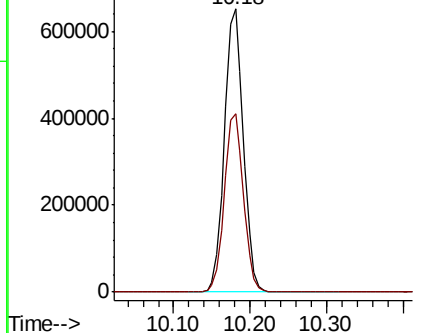
98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VY003456.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY003460.D (-1336) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 1.175 ug/l

RT: 9.78 min Scan# 1319

Delta R.T. -0.01 min

Lab File: VY003460.D

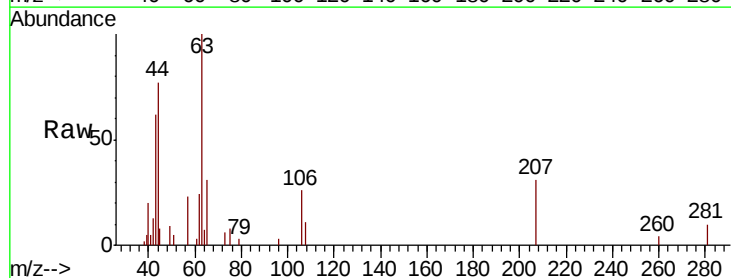
Acq: 05 Oct 2020 18:49

Tgt Ion: 63 Resp: 4033

Ion Ratio Lower Upper

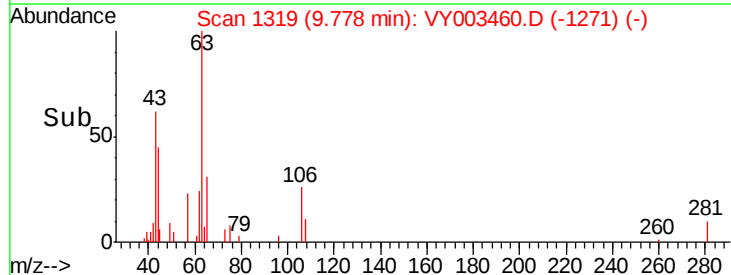
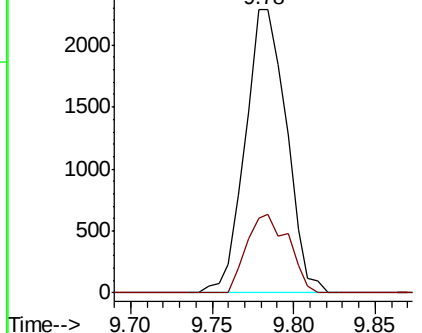
63 100

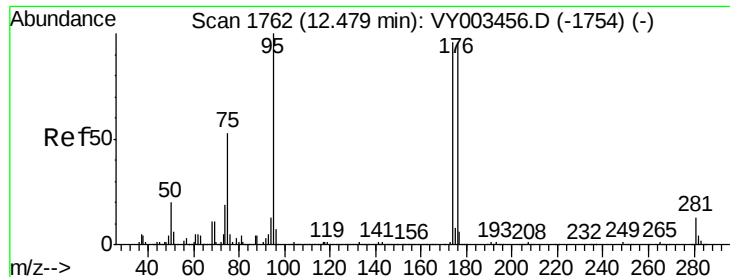
106 28.0 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VY003456.D (-1310) (-)

Ion 105.90 (105.60 to 106.60): VY003460.D (-1271) (-)





#62

4-Bromofluorobenzene

Concen: 48.189 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003460.D

Acq: 05 Oct 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

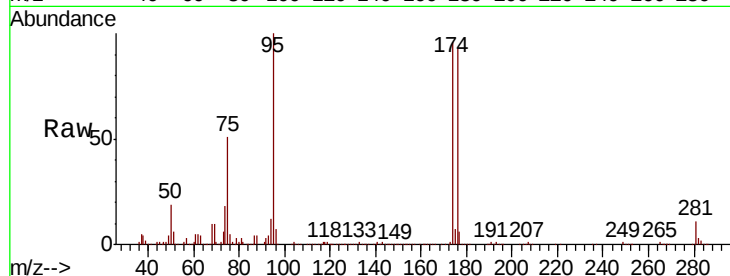
Tot Ion: 95 Resp: 374025

Ion Ratio Lower Upper

95 100

174 96.5 0.0 197.0

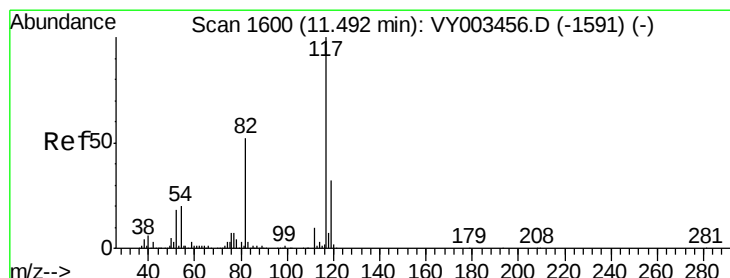
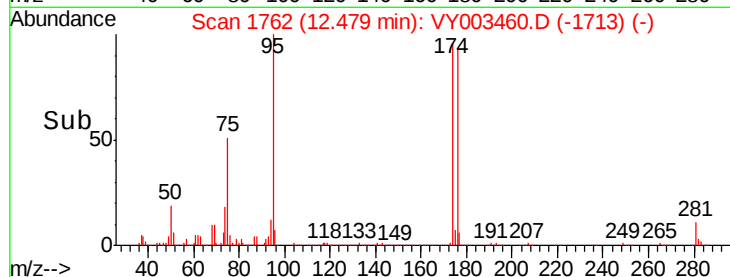
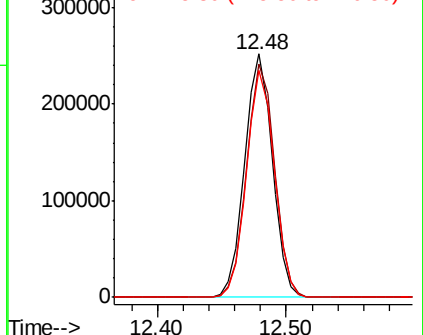
176 93.4 0.0 193.6



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003460.D

Acq: 05 Oct 2020 18:49

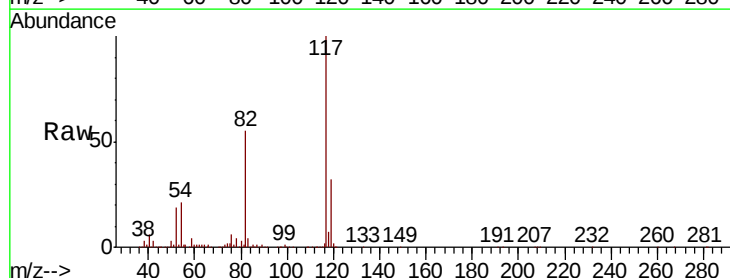
Tgt Ion: 117 Resp: 818167

Ion Ratio Lower Upper

117 100

82 54.8 41.7 62.5

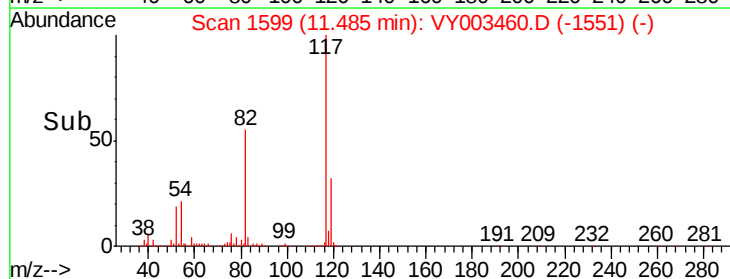
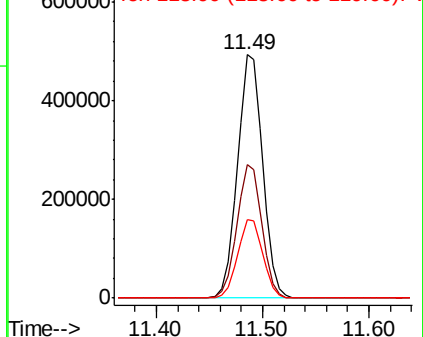
119 32.0 25.3 37.9

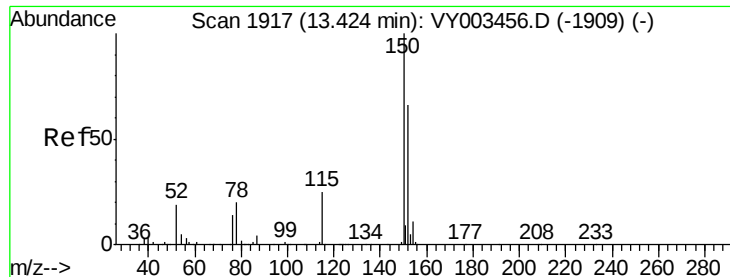


Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0



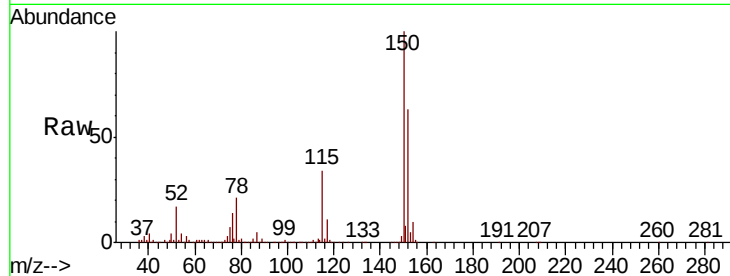


#72

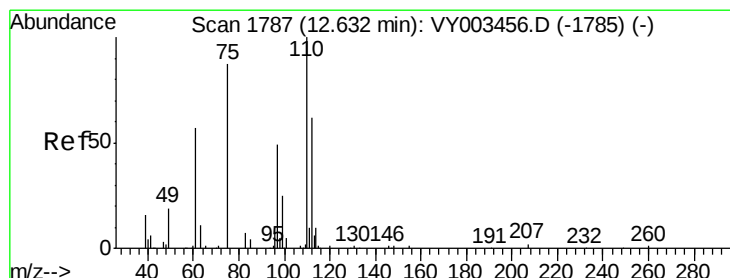
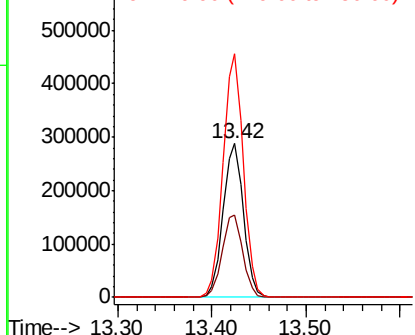
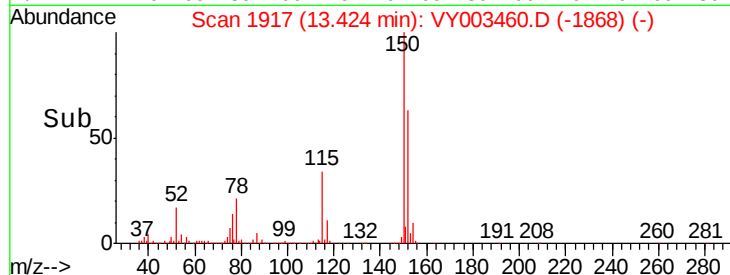
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003460.D
Acq: 05 Oct 2020 18:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.0	80.8
150	157.6	0.0	343.6



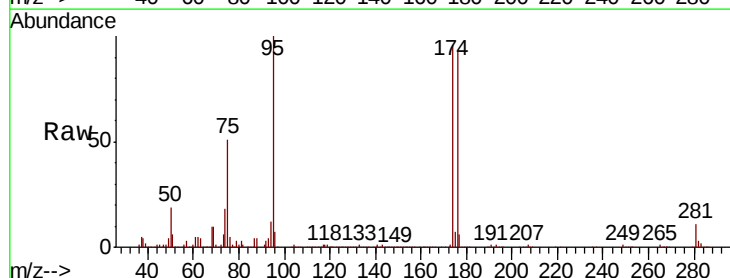
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



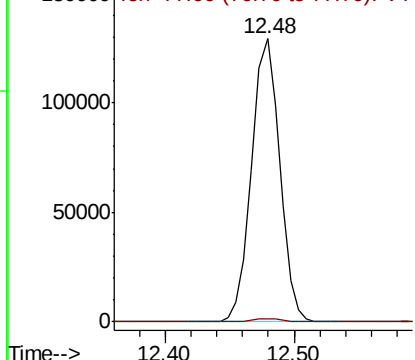
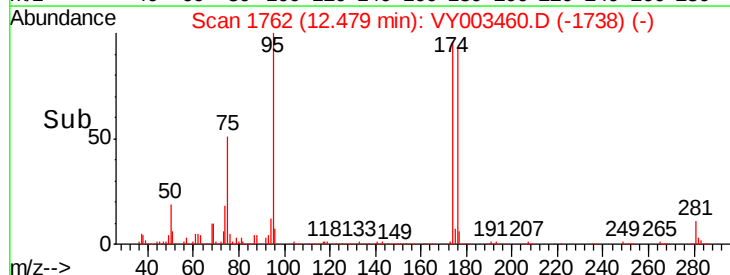
#76

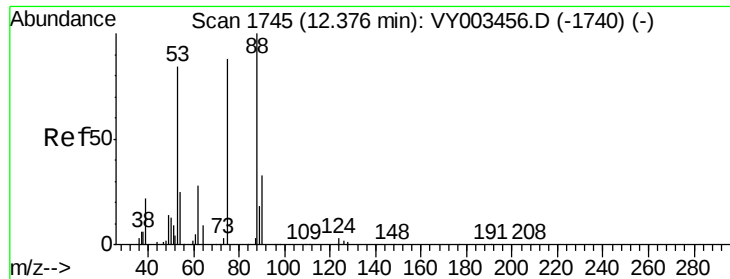
1,2,3-Trichloropropane
Concen: 52.237 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003460.D
Acq: 05 Oct 2020 18:49

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: 99.471 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003460.D

Acq: 05 Oct 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

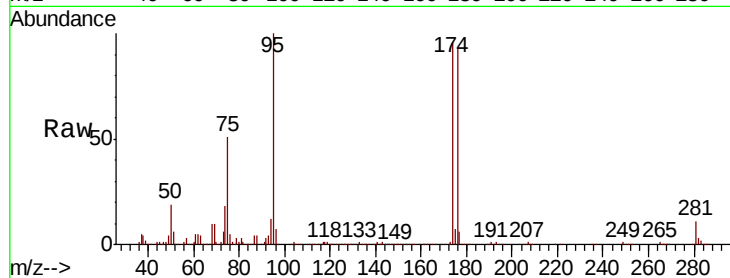
Tot Ion: 75 Resp: 193979

Ion Ratio Lower Upper

75 100

53 0.1 74.2 111.2#

89 0.1 36.2 54.4#



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

