

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072820\
 Data File : VY003376.D
 Acq On : 28 Jul 2020 15:34
 Operator : SY/MD
 Sample : L3451-02RE
 Misc : 7.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 02:34:27 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	430569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	675490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	598880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	252613	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	218821	60.21	ug/l	0.00
Spiked Amount			Recovery	=	120.42%	
35) Dibromofluoromethane	7.72	113	206587	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
50) Toluene-d8	10.18	98	810004	56.05	ug/l	0.00
Spiked Amount			Recovery	=	112.10%	
62) 4-Bromofluorobenzene	12.48	95	245083	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	

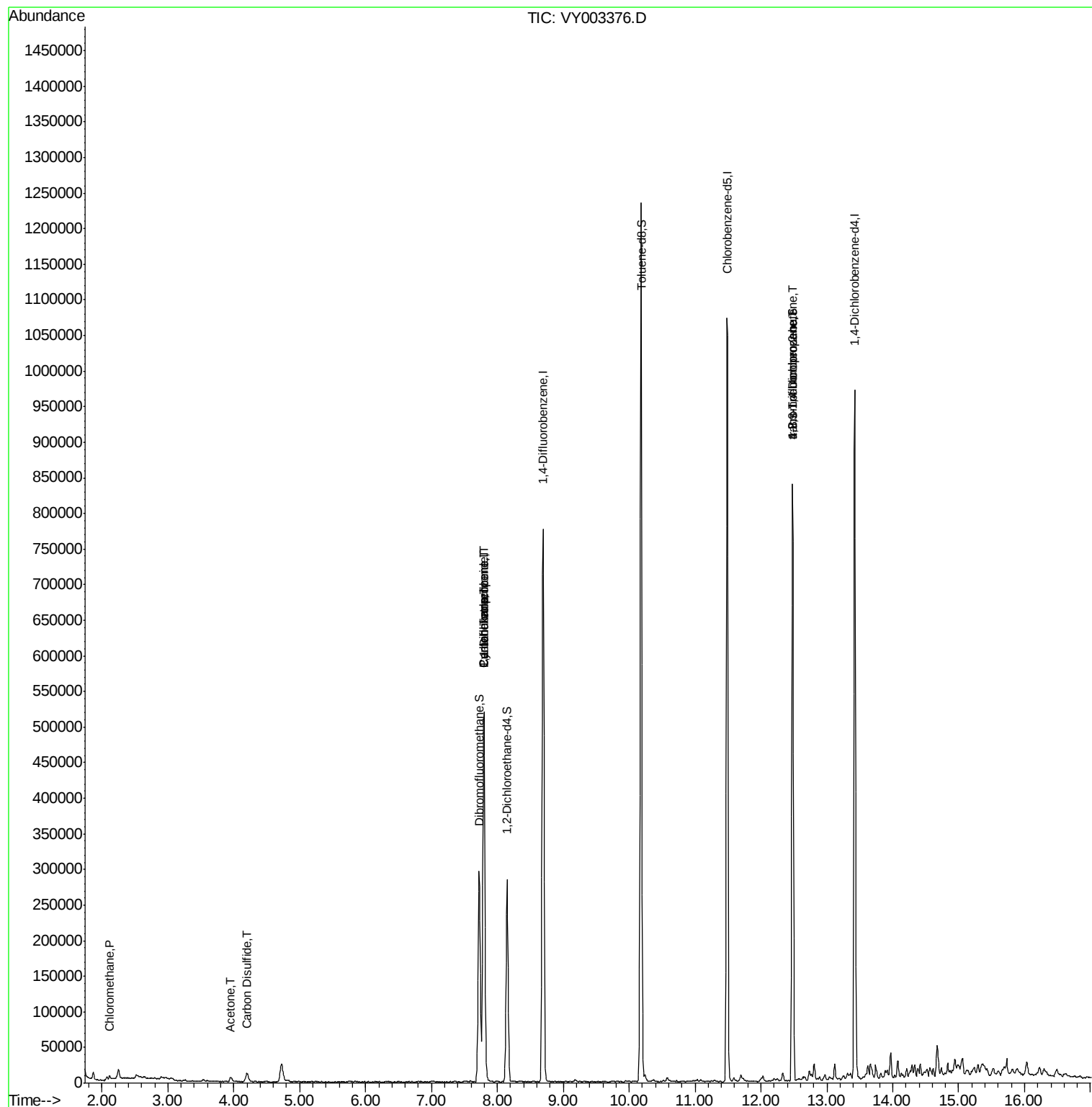
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	4396	1.027	ug/l	99
16) Acetone	3.96	43	10143	12.495	ug/l	91
17) Carbon Disulfide	4.21	76	26494	2.410	ug/l	99
20) Methylene Chloride	4.72	84	19169	Below Cal		94
31) Cyclohexane	7.79	56	8811	1.333	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	29623	4.839	ug/l #	49
38) Carbon Tetrachloride	7.79	117	38695	6.122	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	127218	56.894	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	127218	110.726	ug/l #	13

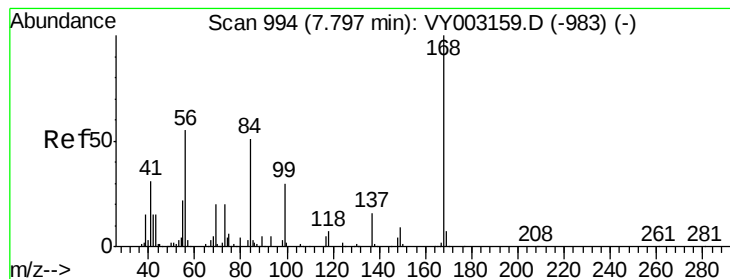
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003376.D

Acq: 28 Jul 2020 15:34

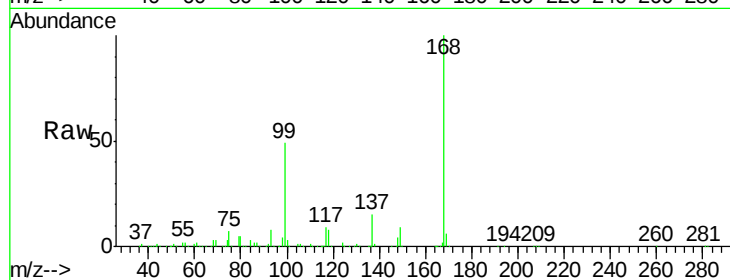
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 430569

Ion Ratio Lower Upper

168 100

99 49.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003376.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003376.D (-945) (-)

7.80

200000

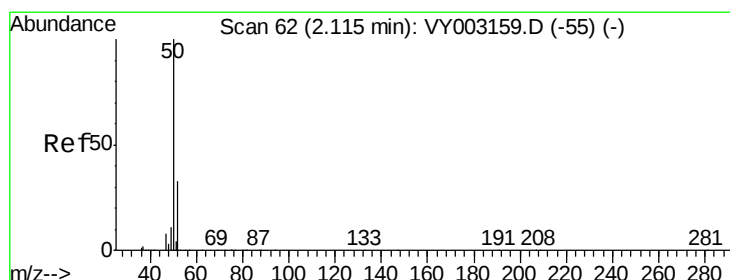
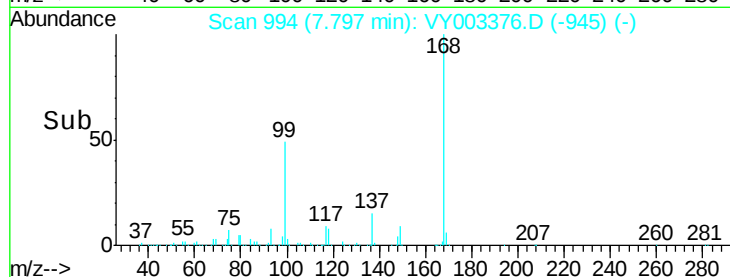
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.027 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003376.D

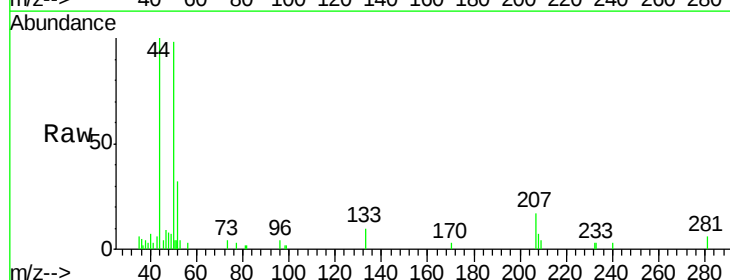
Acq: 28 Jul 2020 15:34

Tgt Ion: 50 Resp: 4396

Ion Ratio Lower Upper

50 100

52 32.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003376.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003376.D (-13) (-)

2.12

3000

2500

2000

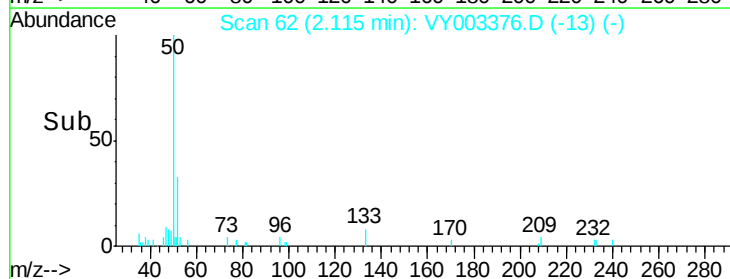
1500

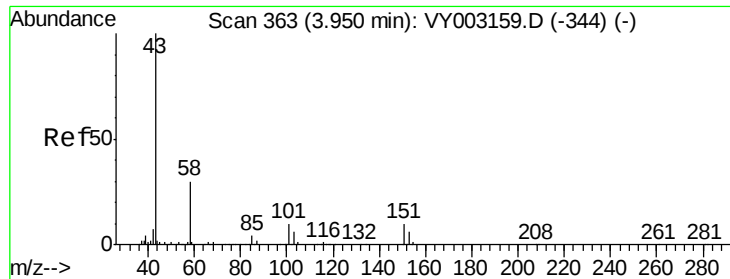
1000

500

0

Time-->





#16

Acetone

Concen: 12.495 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003376.D

Acq: 28 Jul 2020 15:34

Instrument :

MSVOA_Y

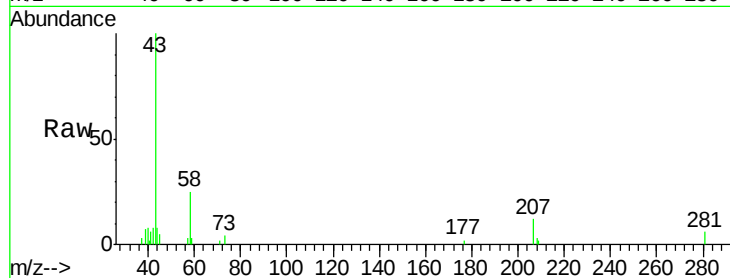
ClientSampleId :

Tot Ion: 43 Resp: 10143

Ion Ratio Lower Upper

43 100

58 25.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

4000

3000

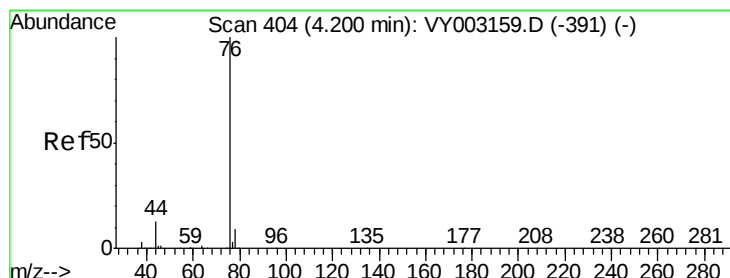
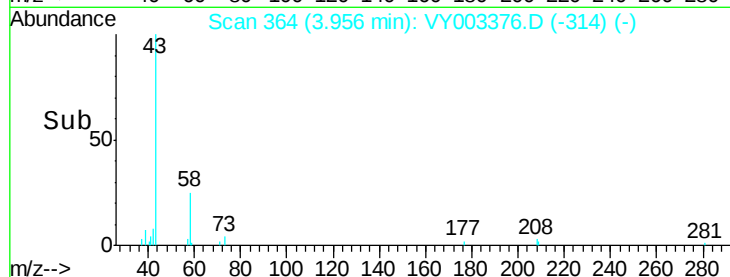
2000

1000

0

Time-->

3.90 4.00



#17

Carbon Disulfide

Concen: 2.410 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY003376.D

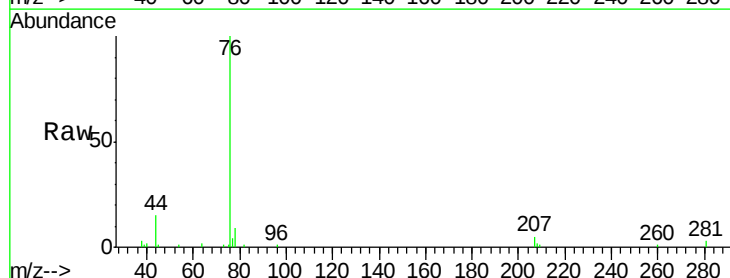
Acq: 28 Jul 2020 15:34

Tgt Ion: 76 Resp: 26494

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

10000

8000

6000

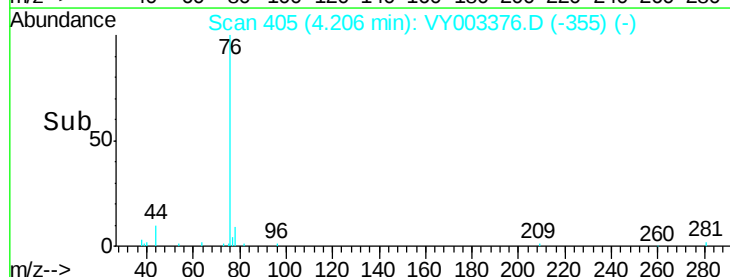
4000

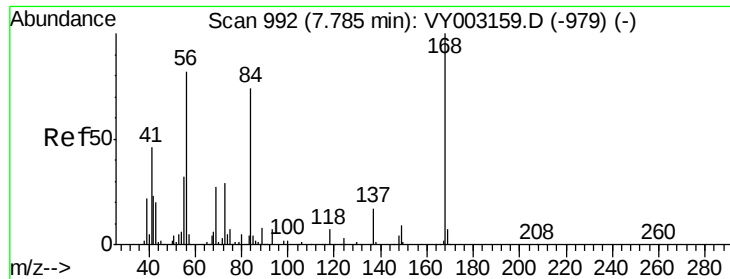
2000

0

Time-->

4.10 4.20 4.30

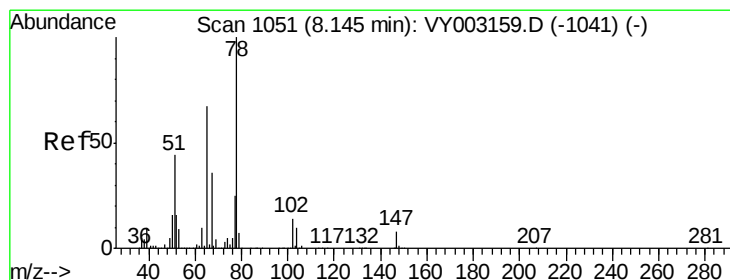
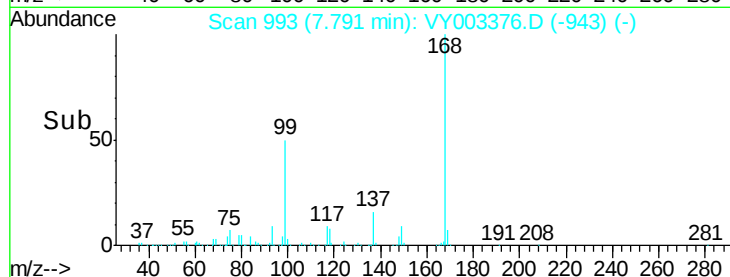
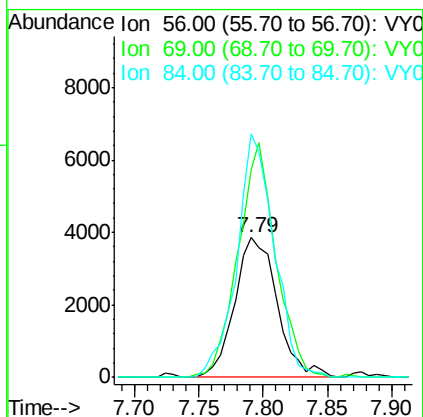
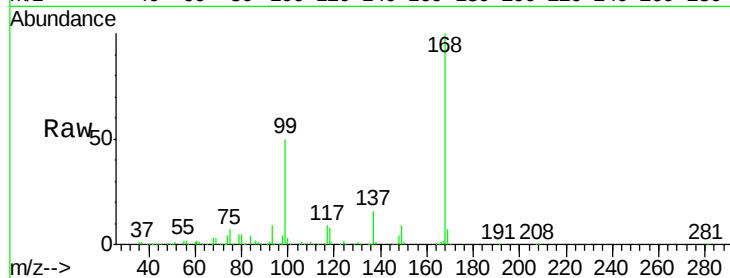




#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003376.D
Acq: 28 Jul 2020 15:34

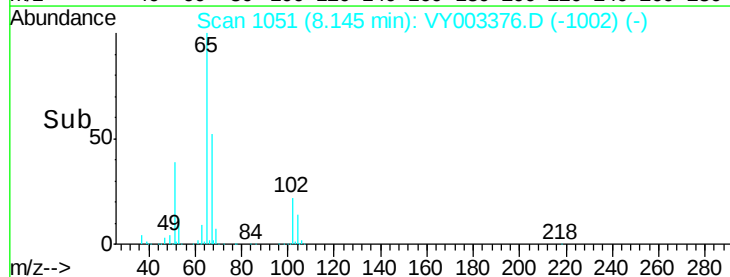
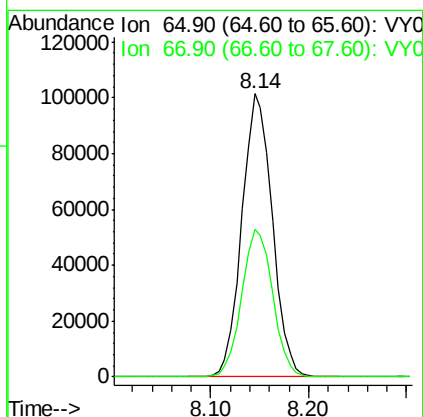
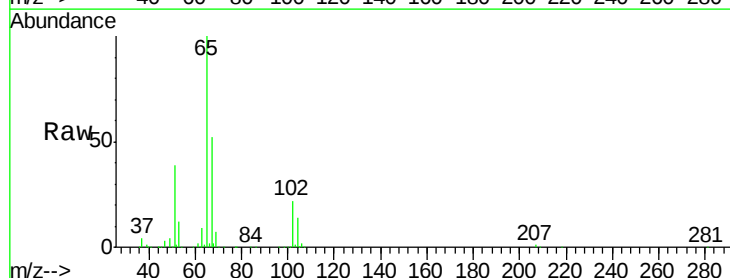
Instrument :
MSVOA_Y
ClientSampleId :

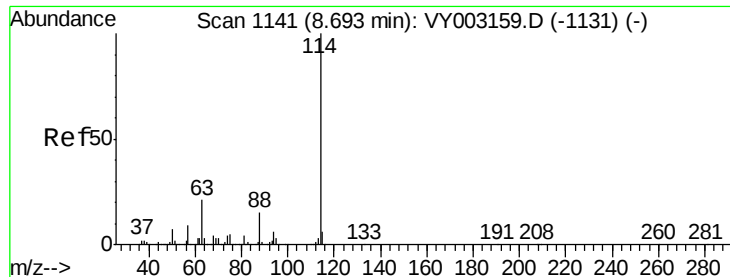
Tot Ion: 56 Resp: 8811
Ion Ratio Lower Upper
56 100
69 148.5 26.7 40.1#
84 174.2 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 60.212 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003376.D
Acq: 28 Jul 2020 15:34

Tgt Ion: 65 Resp: 218821
Ion Ratio Lower Upper
65 100
67 53.0 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: VY003376.D

Acq: 28 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

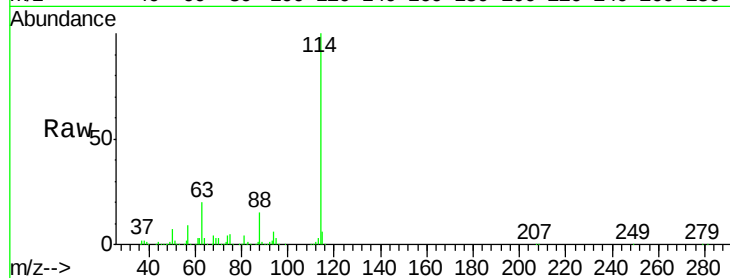
Tot Ion:114 Resp: 675490

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.2

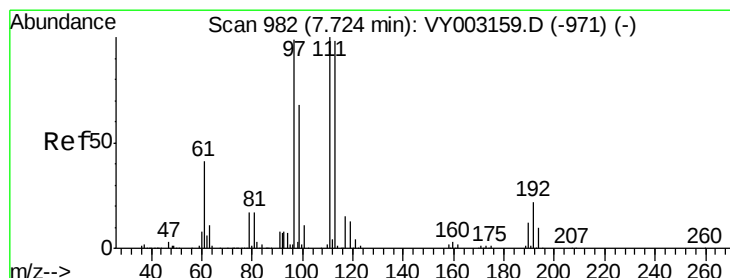
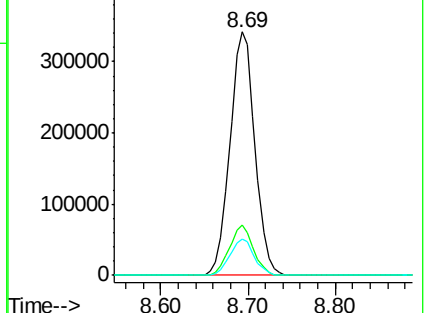
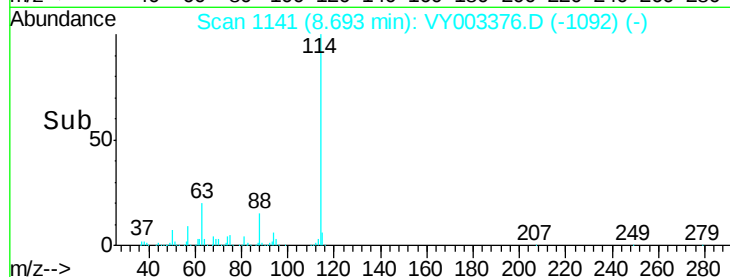
88 14.9 0.0 30.2



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: 53.144 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003376.D

Acq: 28 Jul 2020 15:34

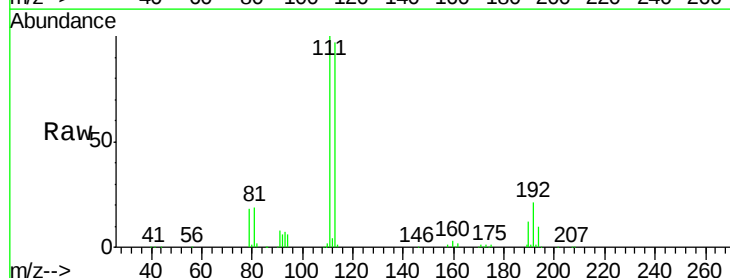
Tgt Ion:113 Resp: 206587

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

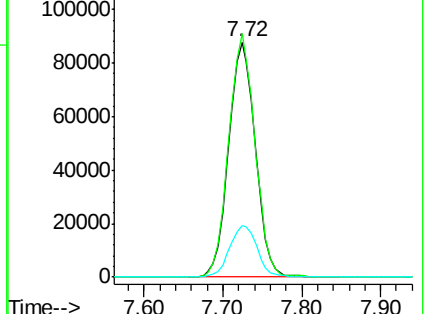
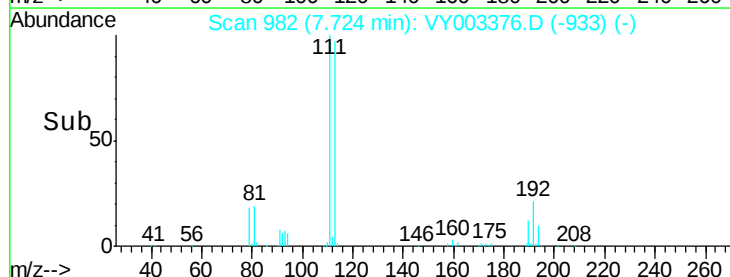
192 22.6 18.8 28.2

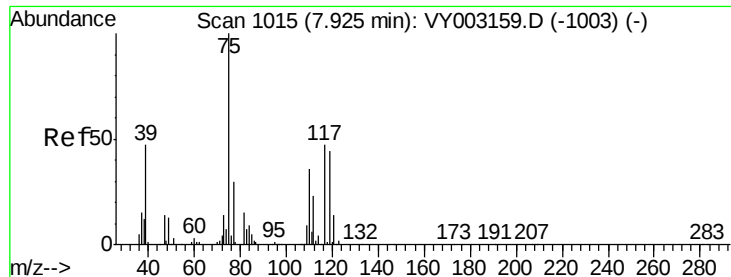


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.839 ug/l

RT: 7.80 min Scan# 994

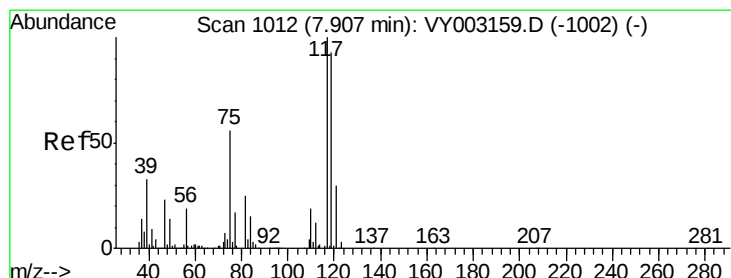
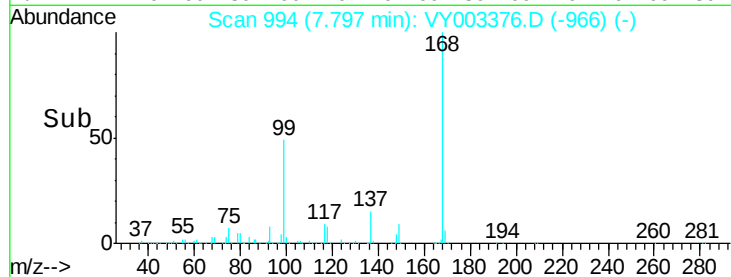
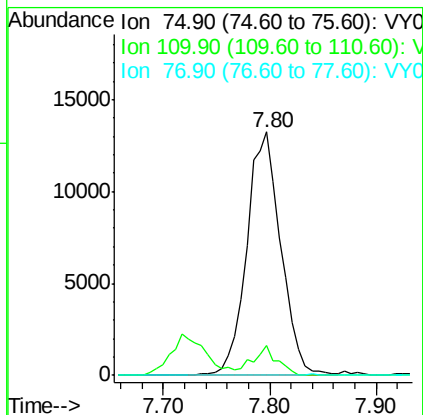
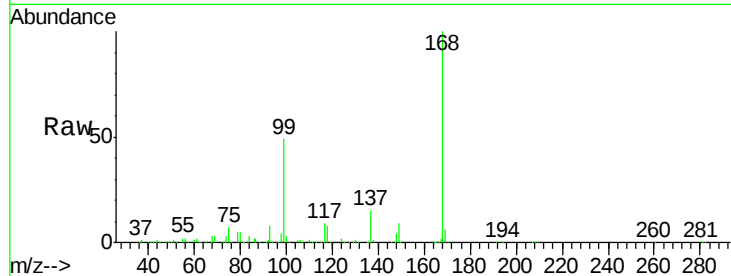
Delta R.T. -0.13 min

Lab File: VY003376.D

Acq: 28 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	75	Resp:	29623
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 6.122 ug/l

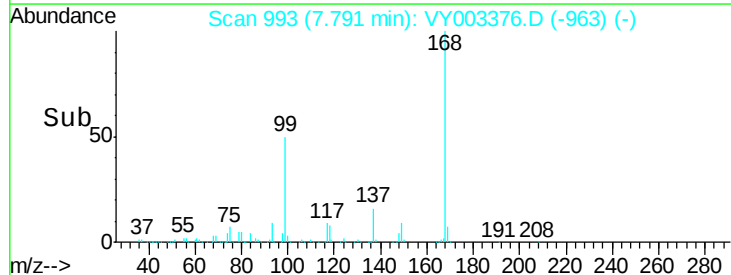
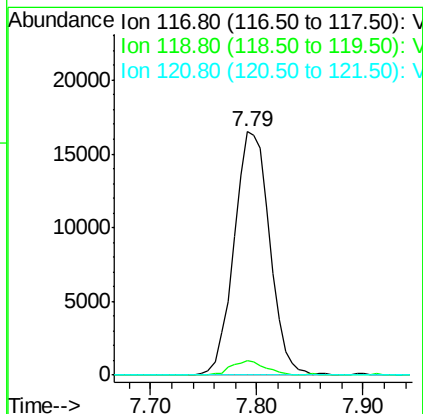
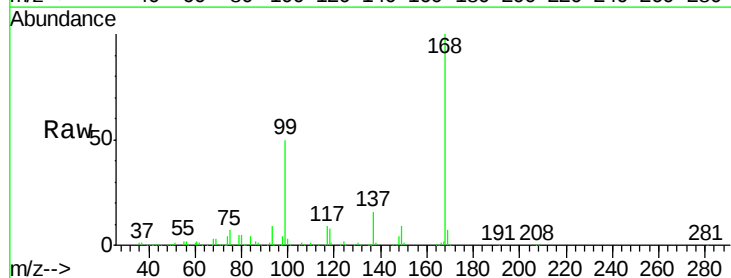
RT: 7.79 min Scan# 993

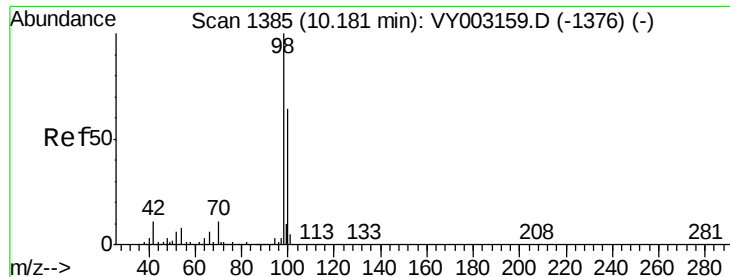
Delta R.T. -0.12 min

Lab File: VY003376.D

Acq: 28 Jul 2020 15:34

Tgt Ion:	117	Resp:	38695
Ion	Ratio	Lower	Upper
117	100		
119	5.7	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 56.047 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003376.D

Acq: 28 Jul 2020 15:34

Instrument :

MSVOA_Y

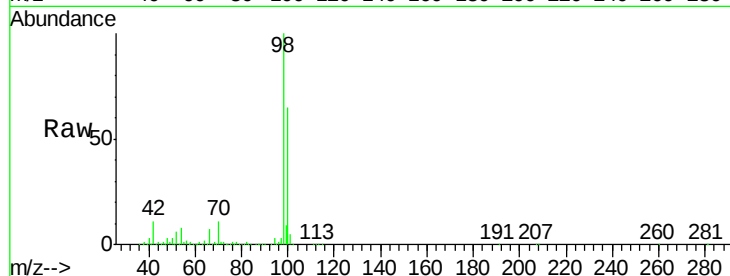
ClientSampled :

Tot Ion: 98 Resp: 810004

Ion Ratio Lower Upper

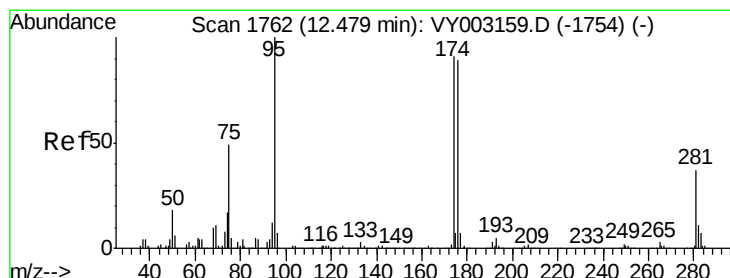
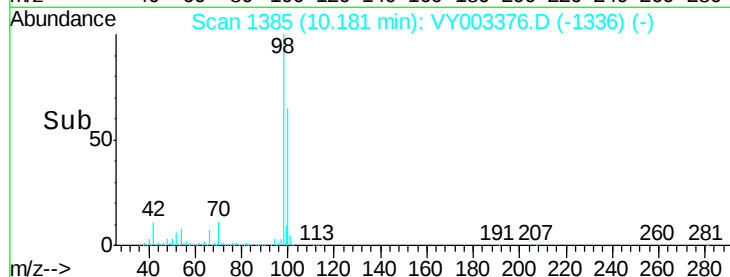
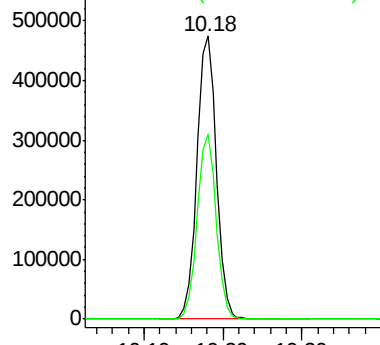
98 100

100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 46.941 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003376.D

Acq: 28 Jul 2020 15:34

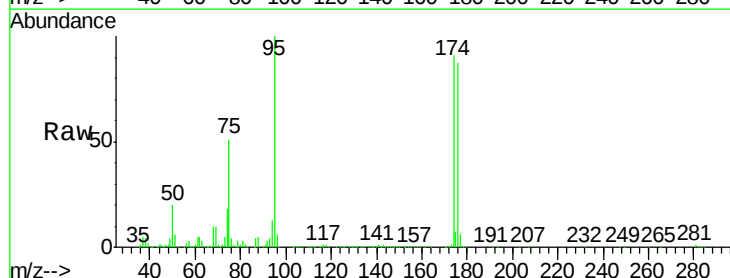
Tgt Ion: 95 Resp: 245083

Ion Ratio Lower Upper

95 100

174 94.6 0.0 190.6

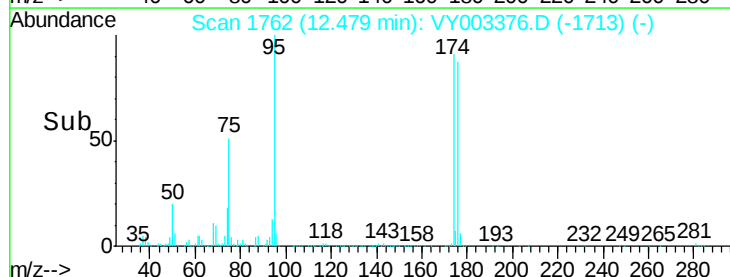
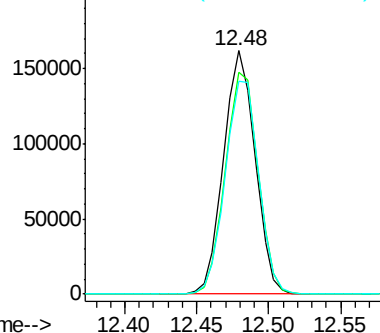
176 92.4 0.0 186.4

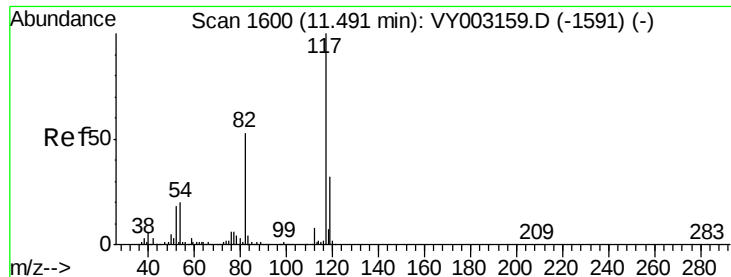


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

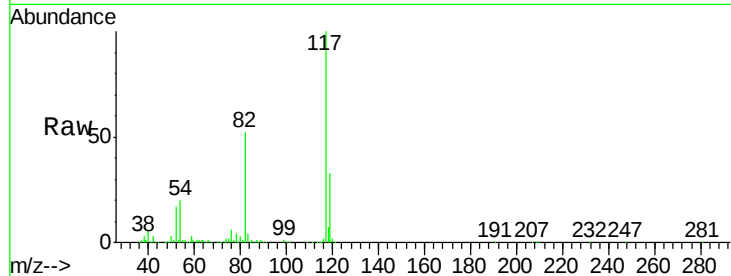




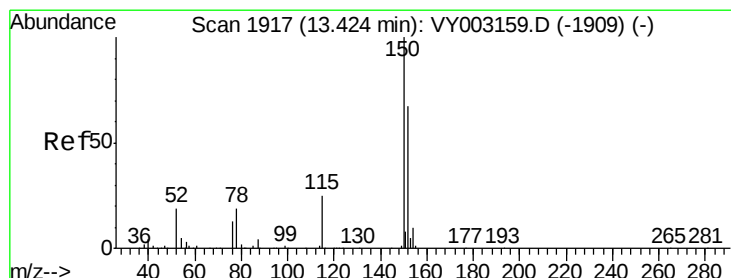
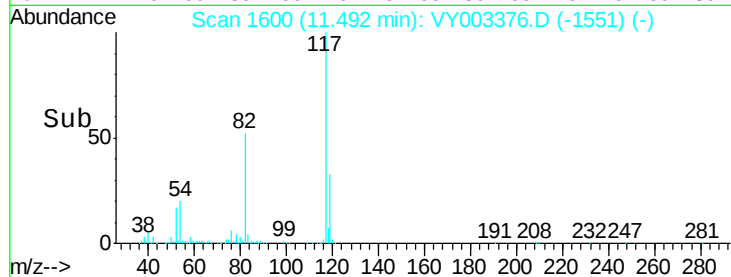
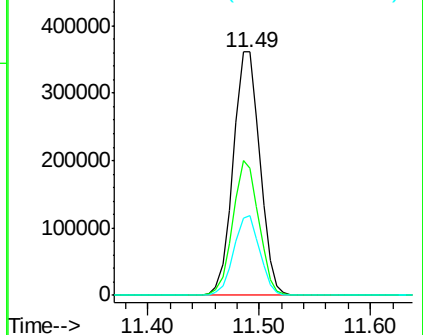
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003376.D
Acq: 28 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.0	63.0
119	32.6	25.5	38.3

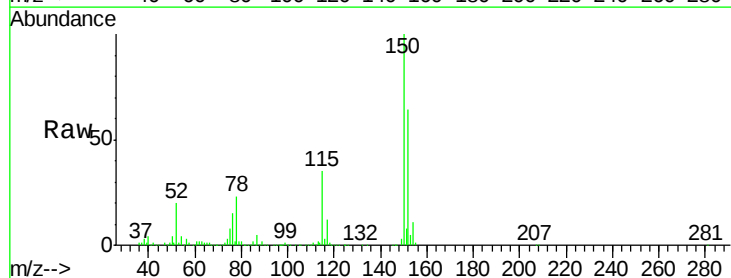


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

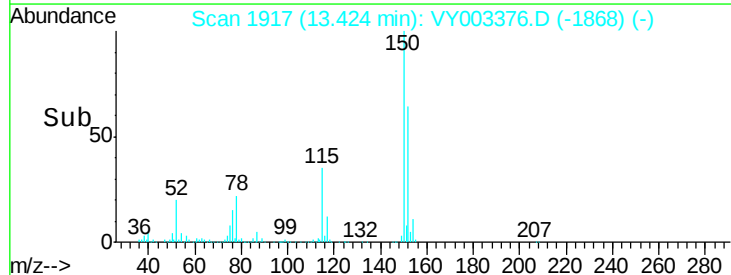
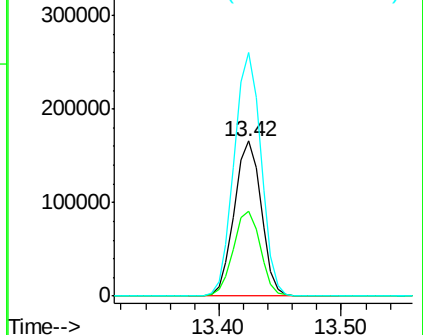


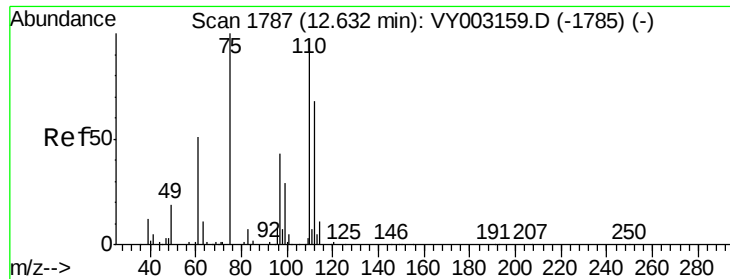
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003376.D
Acq: 28 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.7
150	157.2	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: 56.894 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003376.D

Acq: 28 Jul 2020 15:34

Instrument :

MSVOA_Y

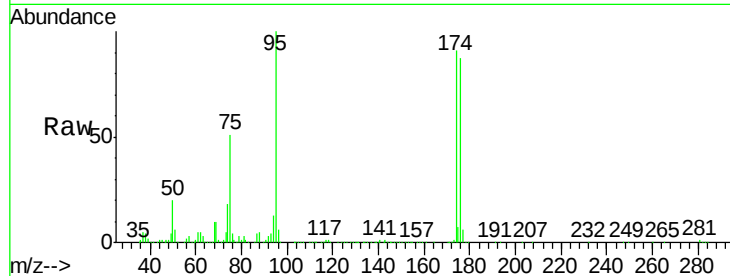
ClientSampleId :

Tot Ion: 75 Resp: 127218

Ion Ratio Lower Upper

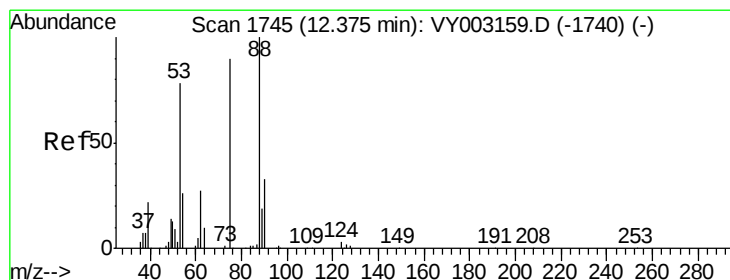
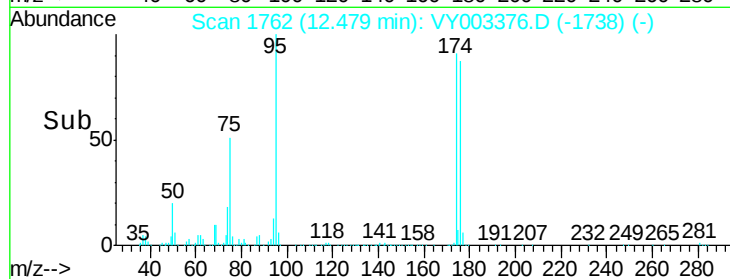
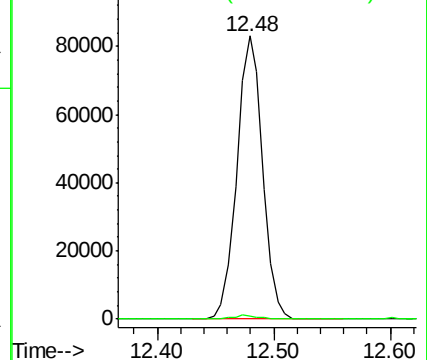
75 100

77 1.5 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: 110.726 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003376.D

Acq: 28 Jul 2020 15:34

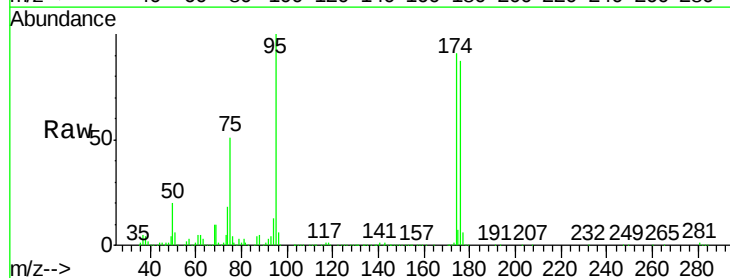
Tgt Ion: 75 Resp: 127218

Ion Ratio Lower Upper

75 100

53 0.0 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

