

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003410.D
 Acq On : 03 Aug 2020 12:27
 Operator : SY/MD
 Sample : L3511-02
 Misc : 2.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Aug 04 01:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	408511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	635710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	595388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	292732	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	209518	53.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.88%	
35) Dibromofluoromethane	7.72	113	194295	51.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.78%	
50) Toluene-d8	10.18	98	777545	53.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.48	95	253900	50.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.36%	

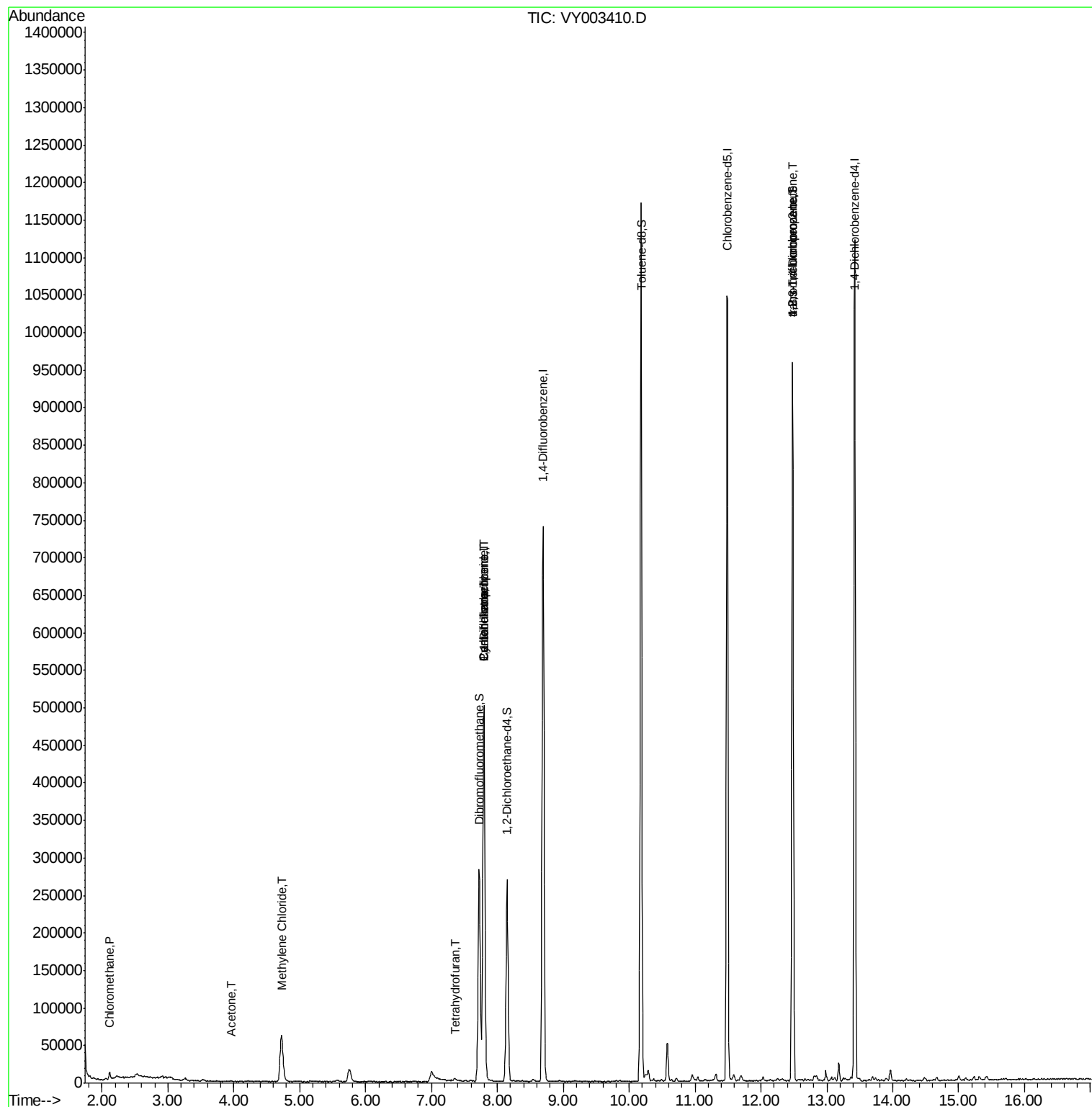
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	6802	1.485	ug/l	89
11) Tert butyl alcohol	4.94	59	869	Below Cal	#	80
16) Acetone	3.96	43	1425	1.485	ug/l	91
20) Methylene Chloride	4.73	84	47660	1.179	ug/l	95
29) Tetrahydrofuran	7.36	42	1852	1.941	ug/l	93
31) Cyclohexane	7.79	56	8584	1.247	ug/l	# 13
36) 1,1-Dichloropropene	7.80	75	28609	4.756	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	38121	6.158	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	130640	49.678	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	130640	93.953	ug/l	# 15

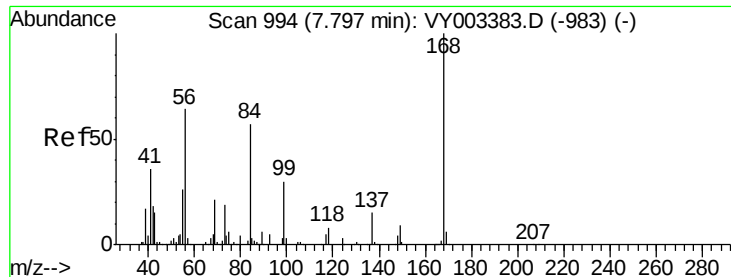
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003410.D
Acq On : 03 Aug 2020 12:27
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Quant Time: Aug 04 01:31:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 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: VY003410.D

Acq: 03 Aug 2020 12:27

Instrument :

MSVOA_Y

ClientSampleId :

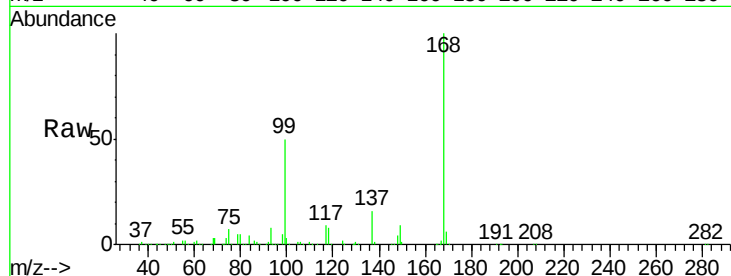
TP-1

Tot Ion:168 Resp: 408511

Ion Ratio Lower Upper

168 100

99 50.4 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

150000

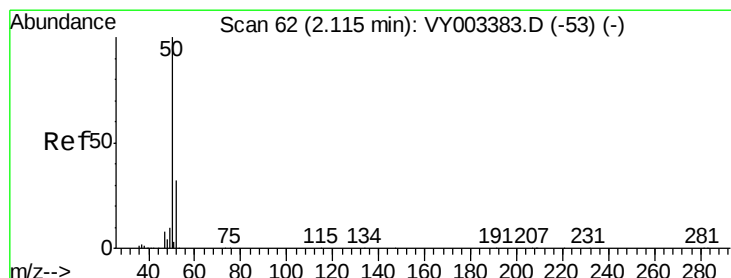
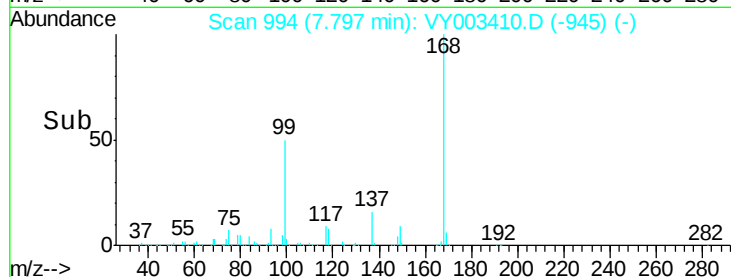
100000

50000

0

7.70 7.80 7.90

Time-->



#3

Chloromethane

Concen: 1.485 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003410.D

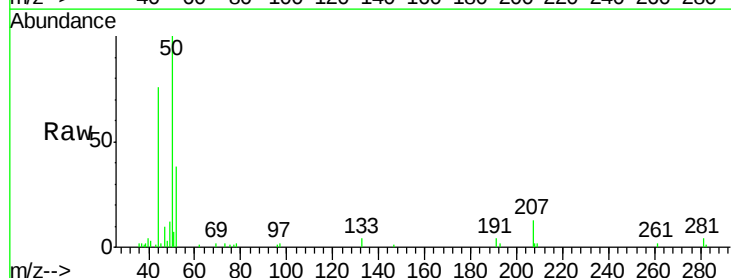
Acq: 03 Aug 2020 12:27

Tgt Ion: 50 Resp: 6802

Ion Ratio Lower Upper

50 100

52 38.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003383.D (-53) (-)

Ion 51.90 (51.60 to 52.60): VY003383.D (-53) (-)

2.12

5000

4000

3000

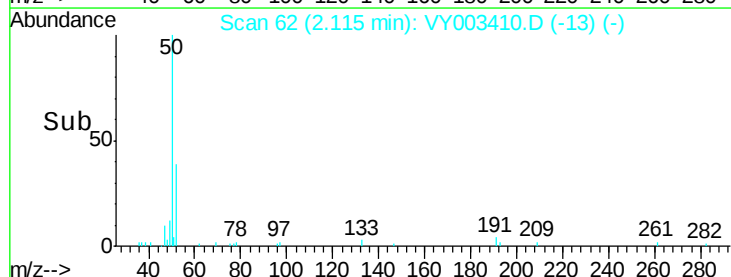
2000

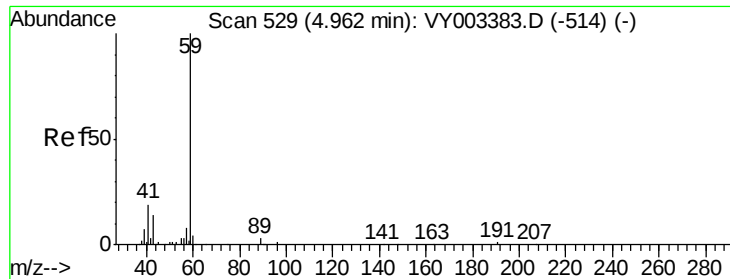
1000

0

2.05 2.10 2.15 2.20

Time-->

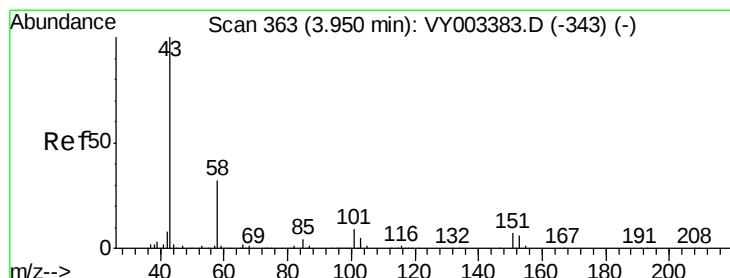
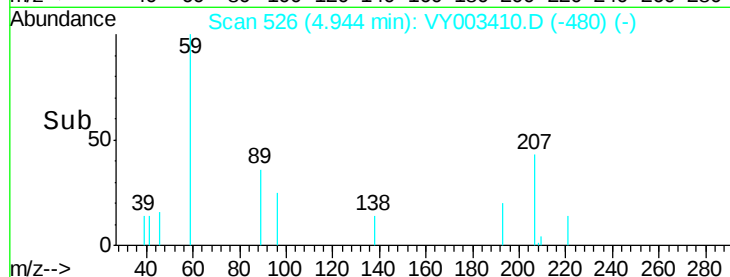
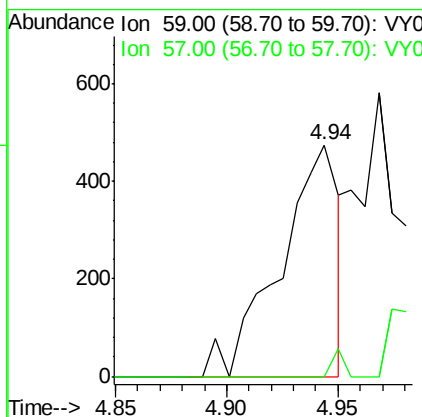
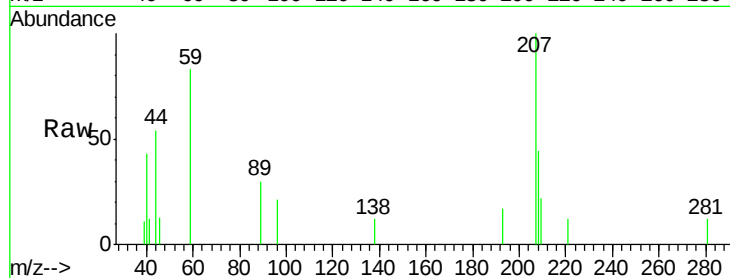




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.94 min Scan# 526
Delta R.T. -0.02 min
Lab File: VY003410.D
Acq: 03 Aug 2020 12:27

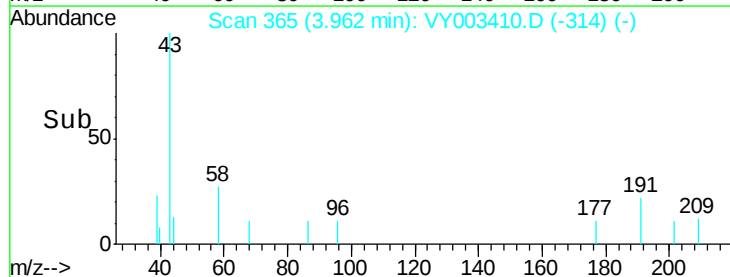
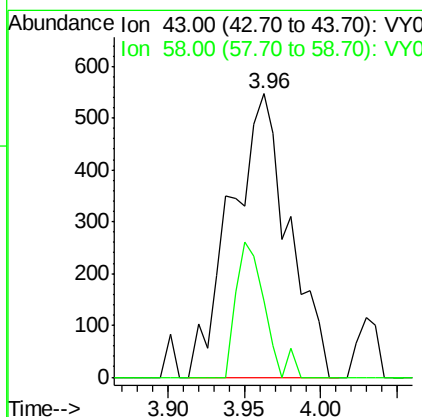
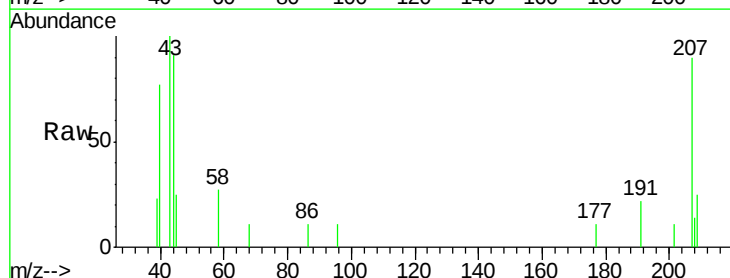
Instrument :
MSVOA_Y
ClientSampled :
TP-1

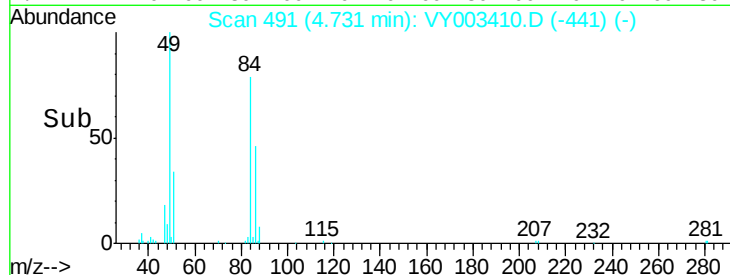
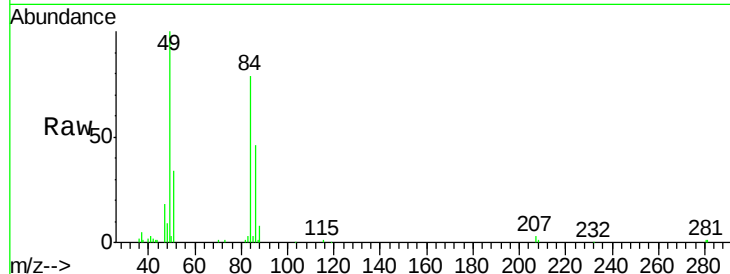
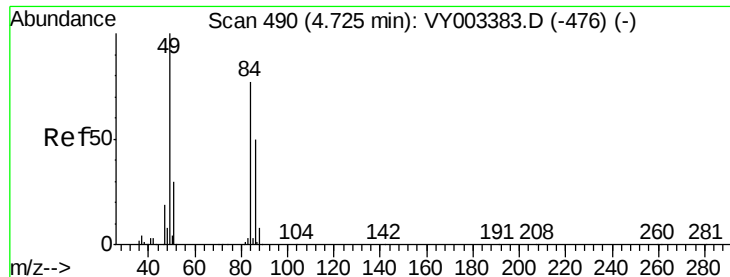
Tot Ion: 59 Resp: 869
Ion Ratio Lower Upper
59 100
57 2.4 8.0 12.0#



#16
Acetone
Concen: 1.485 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003410.D
Acq: 03 Aug 2020 12:27

Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 27.1 25.4 38.2

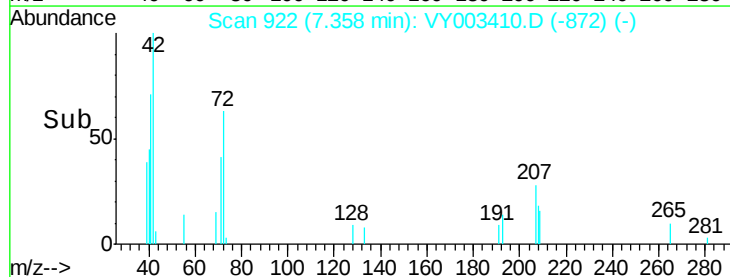
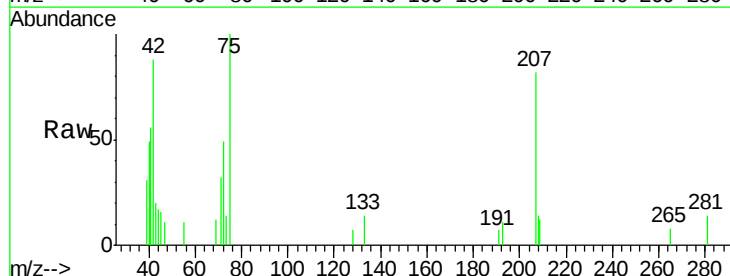
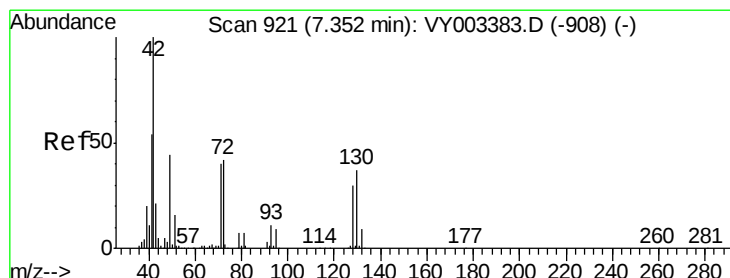
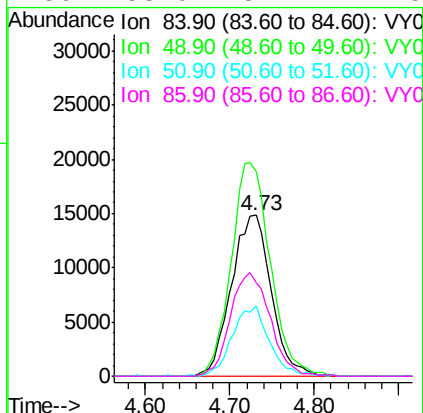




#20
Methvlene Chloride
Concen: 1.179 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003410.D
Acq: 03 Aug 2020 12:27

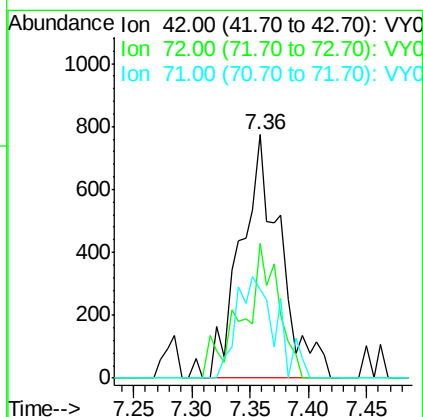
Instrument :
MSVOA_Y
ClientSampled :
TP-1

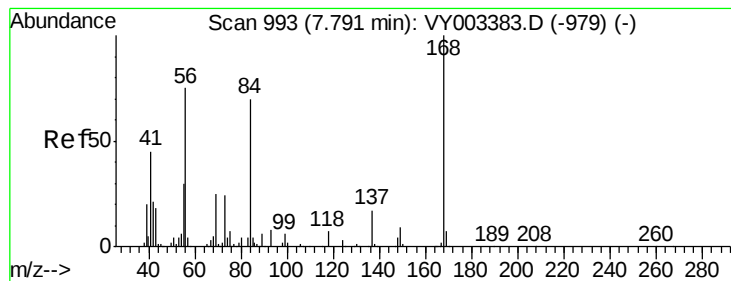
Tot Ion:	84	Resp:	47660
Ion	Ratio	Lower	Upper
84	100		
49	127.0	104.2	156.4
51	43.8	31.5	47.3
86	58.0	51.7	77.5



#29
Tetrahydrofuran
Concen: 1.941 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003410.D
Acq: 03 Aug 2020 12:27

Tgt Ion:	42	Resp:	1852
Ion	Ratio	Lower	Upper
42	100		
72	49.7	33.5	50.3
71	41.3	32.1	48.1





#31

Cyclohexane

Concen: 1.247 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003410.D

Acq: 03 Aug 2020 12:27

Instrument :

MSVOA_Y

ClientSampled :

TP-1

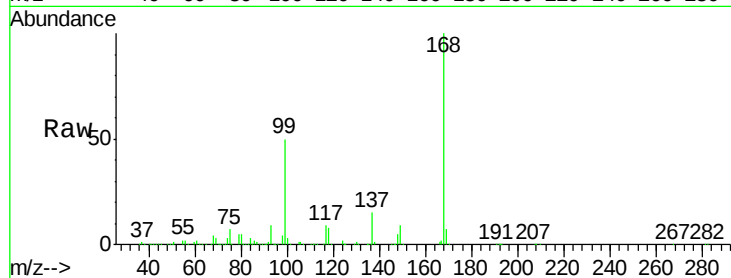
Tot Ion: 56 Resp: 8584

Ion Ratio Lower Upper

56 100

69 150.5 26.1 39.1#

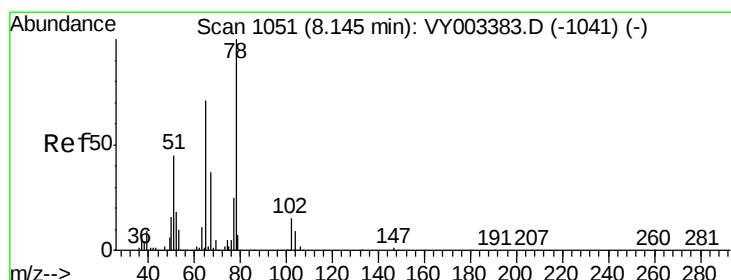
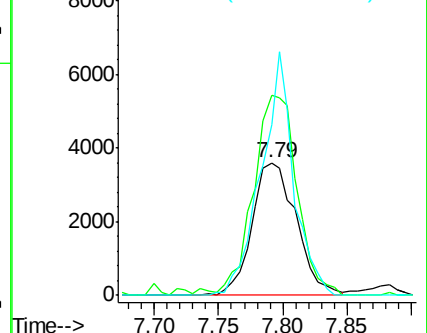
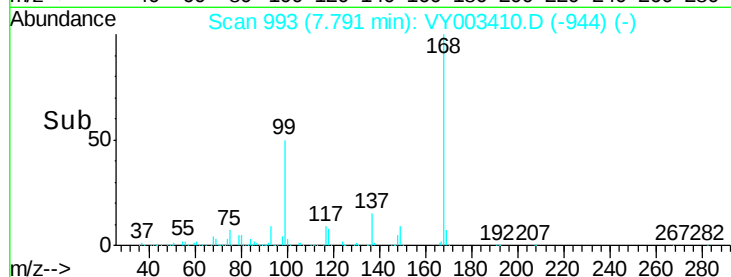
84 134.6 73.9 110.9#



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: 53.941 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003410.D

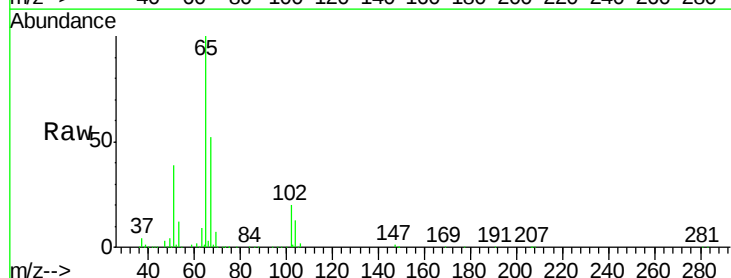
Acq: 03 Aug 2020 12:27

Tgt Ion: 65 Resp: 209518

Ion Ratio Lower Upper

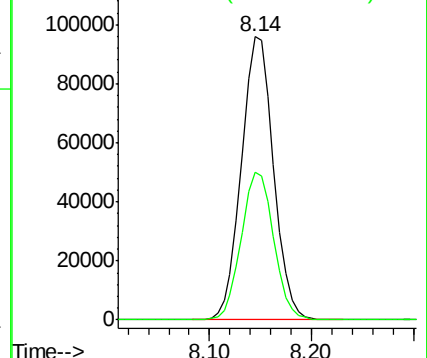
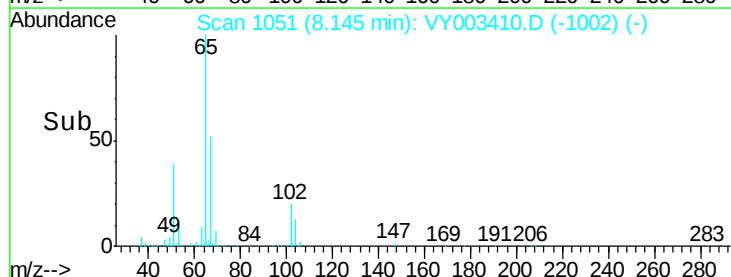
65 100

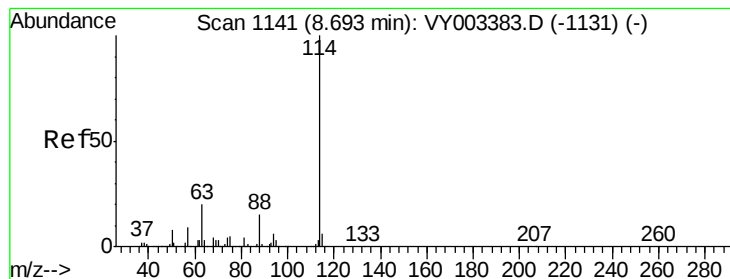
67 53.0 0.0 106.6



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: VY003410.D

Acq: 03 Aug 2020 12:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

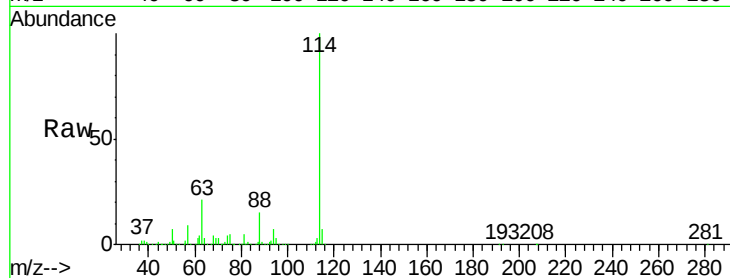
Tot Ion:114 Resp: 635710

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

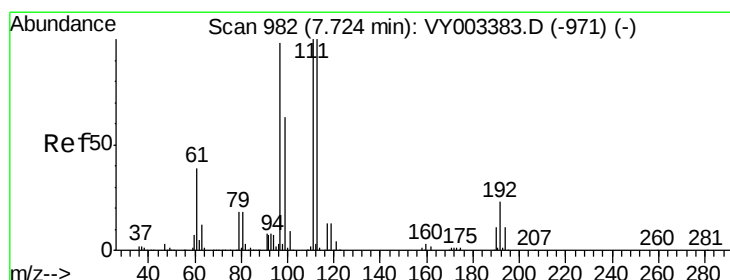
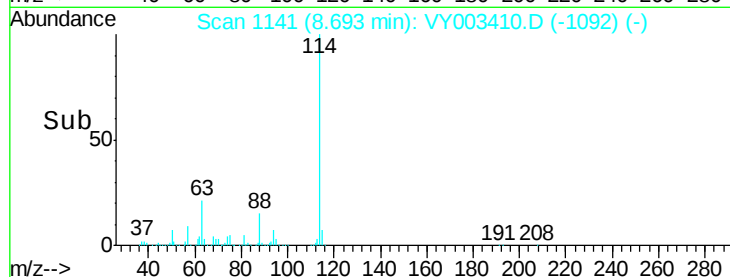
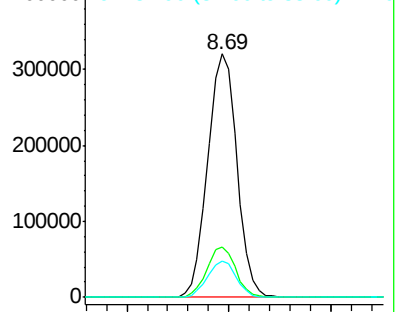
88 15.0 0.0 29.2



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: 51.885 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003410.D

Acq: 03 Aug 2020 12:27

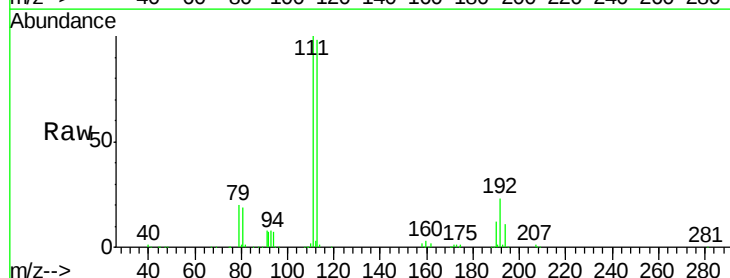
Tgt Ion:113 Resp: 194295

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.4

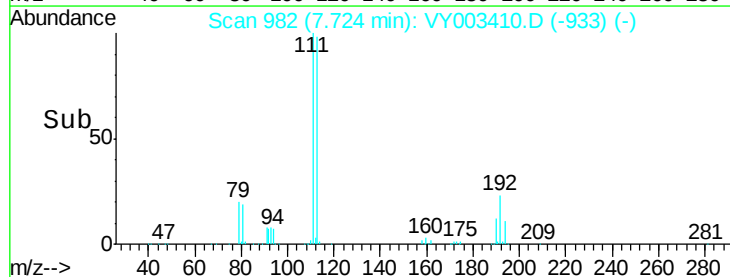
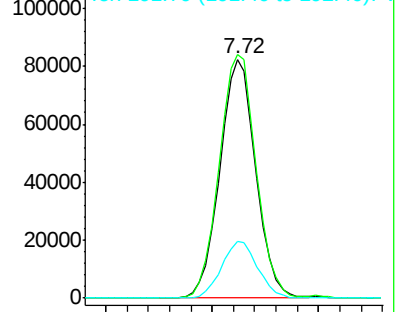
192 23.8 18.8 28.2

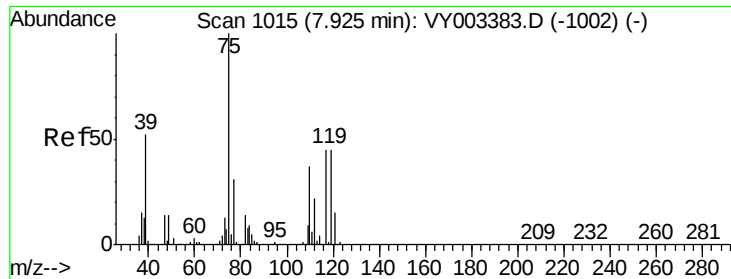


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.756 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003410.D

Acq: 03 Aug 2020 12:27

Instrument :

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ClientSampleId :

TP-1

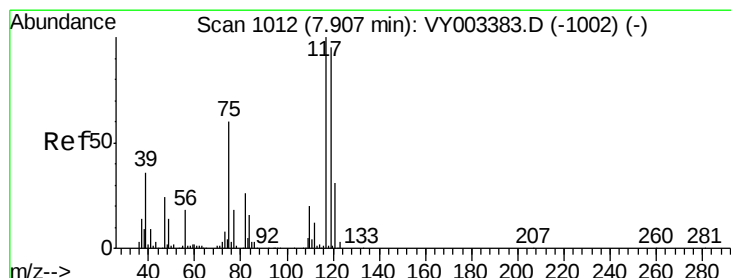
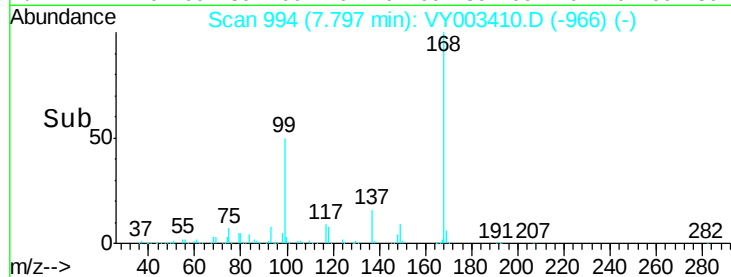
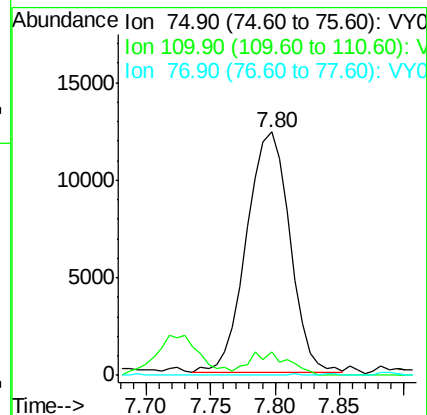
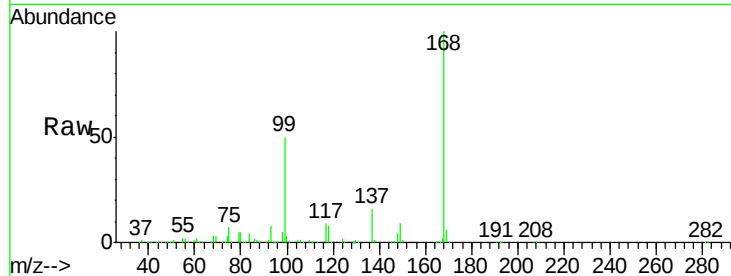
Tot Ion: 75 Resp: 28609

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.5#

77 0.1 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.158 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003410.D

Acq: 03 Aug 2020 12:27

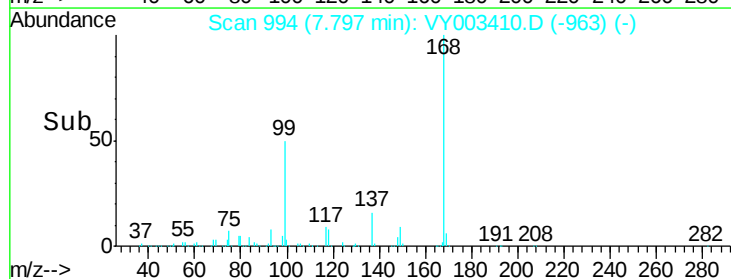
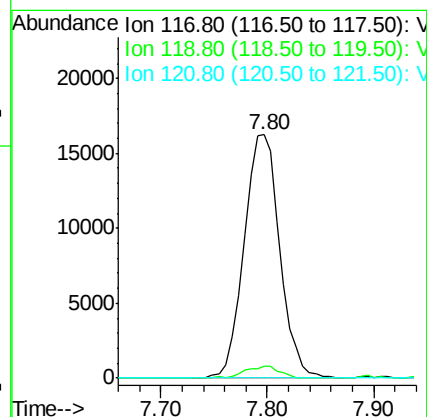
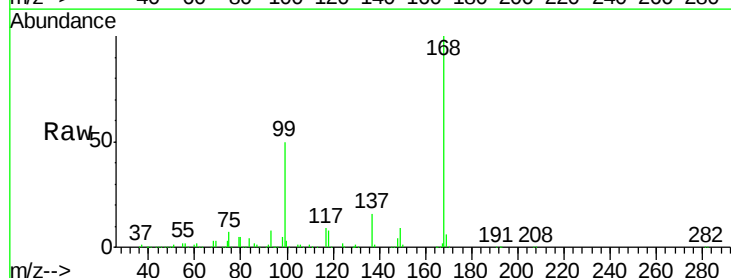
Tgt Ion: 117 Resp: 38121

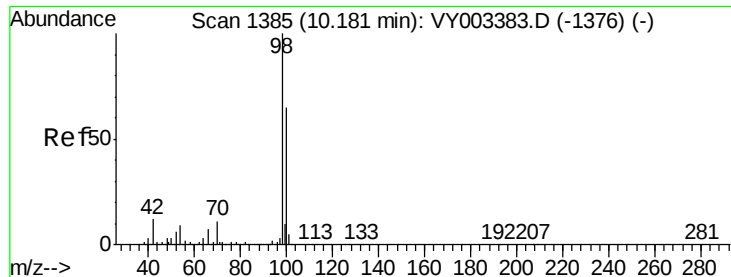
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 53.025 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003410.D

Acq: 03 Aug 2020 12:27

Instrument :

MSVOA_Y

ClientSampleId :

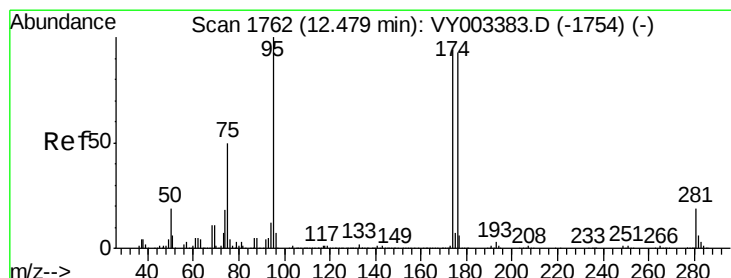
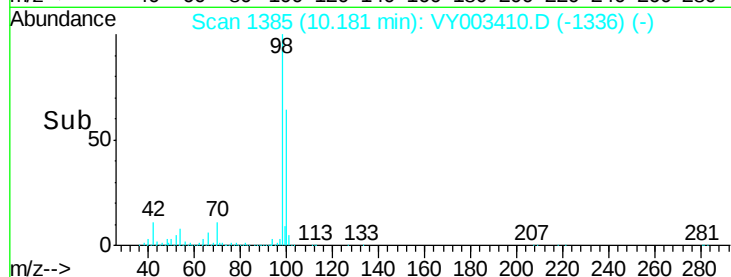
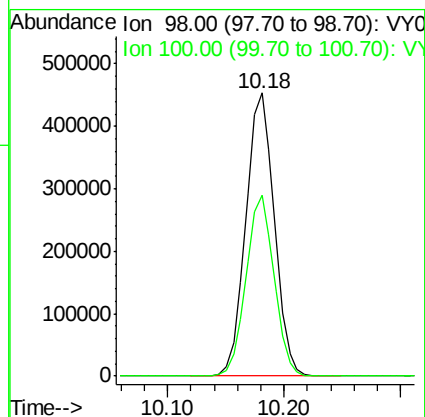
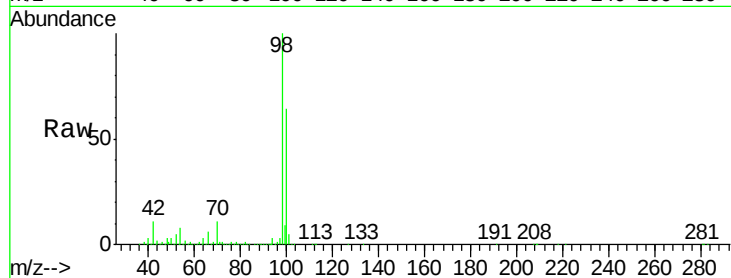
TP-1

Tot Ion: 98 Resp: 777545

Ion Ratio Lower Upper

98 100

100 62.7 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 50.676 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003410.D

Acq: 03 Aug 2020 12:27

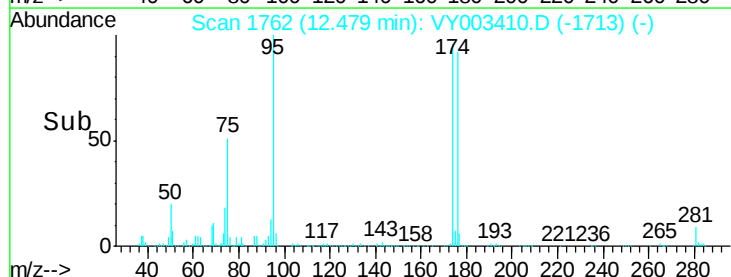
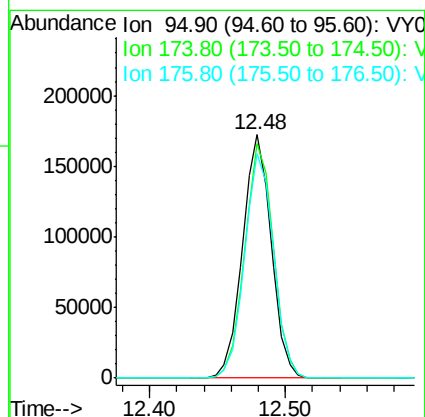
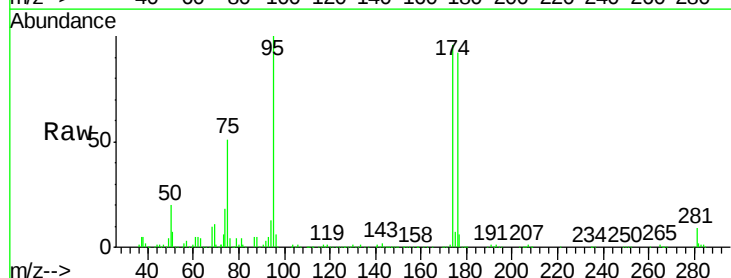
Tgt Ion: 95 Resp: 253900

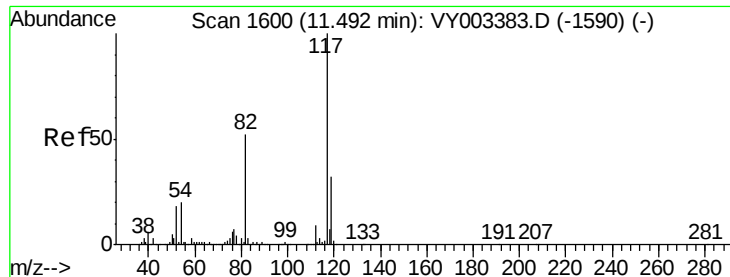
Ion Ratio Lower Upper

95 100

174 96.8 0.0 190.0

176 93.2 0.0 184.4

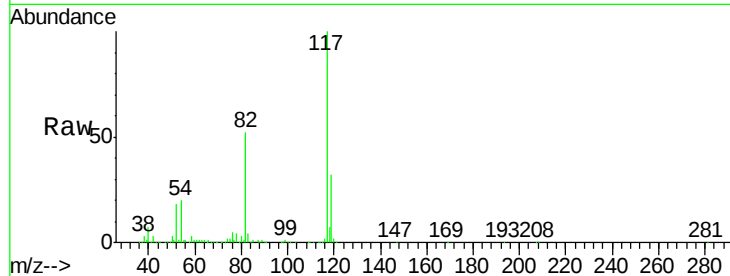




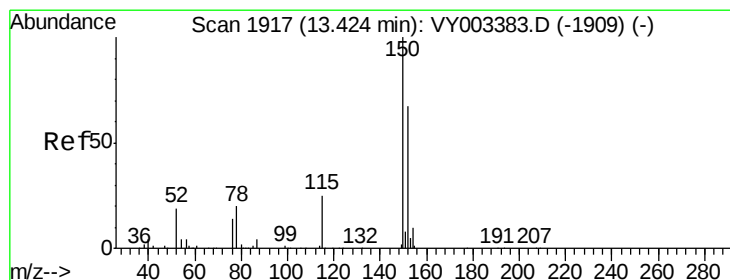
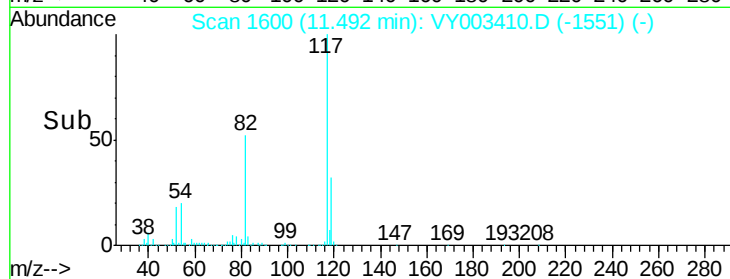
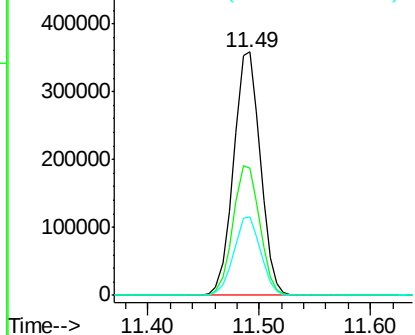
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003410.D
Acq: 03 Aug 2020 12:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.9	62.9
119	32.0	25.4	38.0

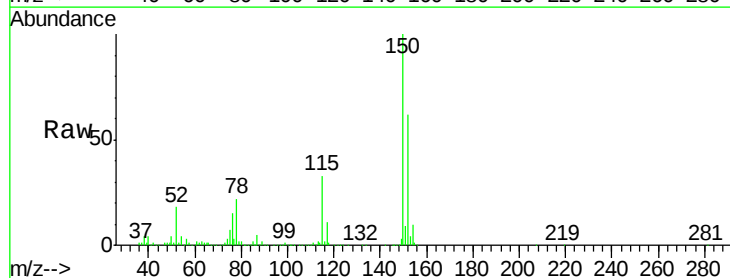


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

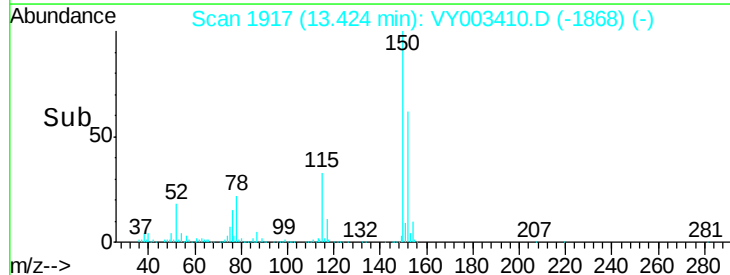
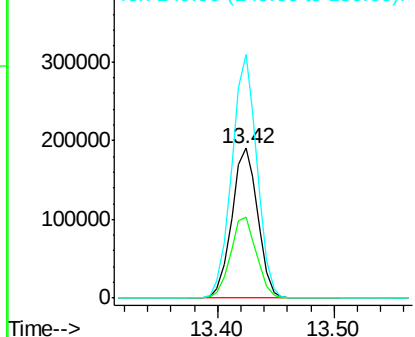


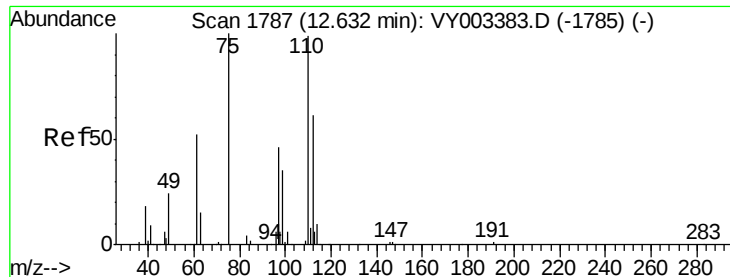
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003410.D
Acq: 03 Aug 2020 12:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.2	81.5
150	158.3	0.0	346.8



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: 49.678 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003410.D

Acq: 03 Aug 2020 12:27

Instrument :

MSVOA_Y

ClientSampleId :

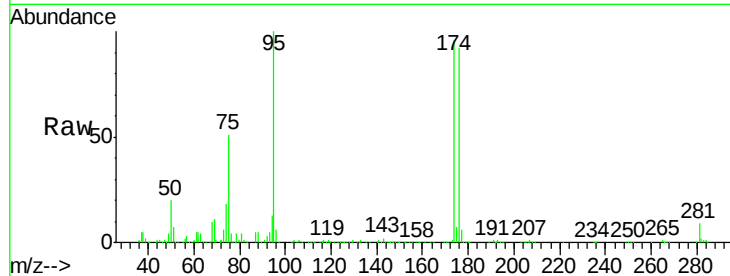
TP-1

Tot Ion: 75 Resp: 130640

Ion Ratio Lower Upper

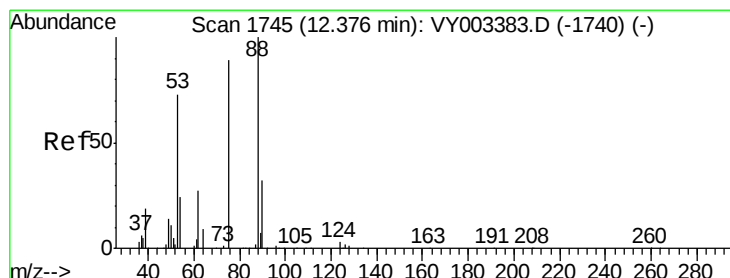
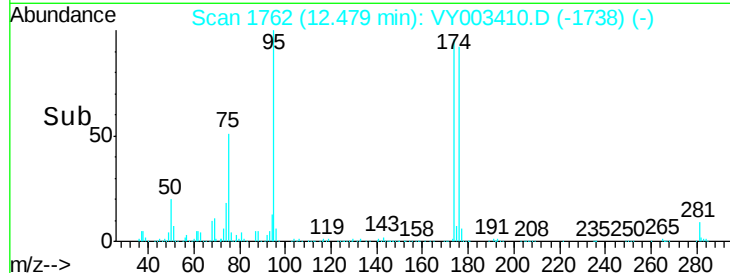
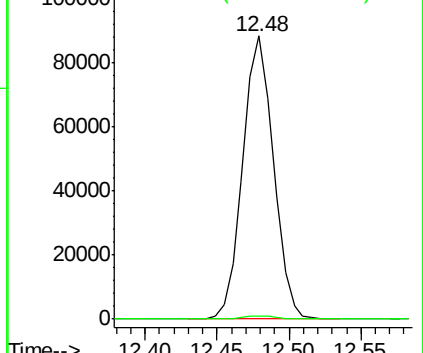
75 100

77 1.3 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: 93.953 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003410.D

Acq: 03 Aug 2020 12:27

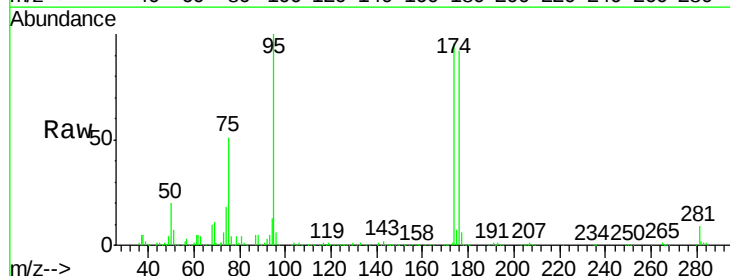
Tgt Ion: 75 Resp: 130640

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

89 0.2 33.8 50.6#



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

