

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
 Data File : VY002797.D
 Acq On : 29 May 2020 12:13
 Operator : SY/MD
 Sample : L2503-11
 Misc : 7.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 03:56:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

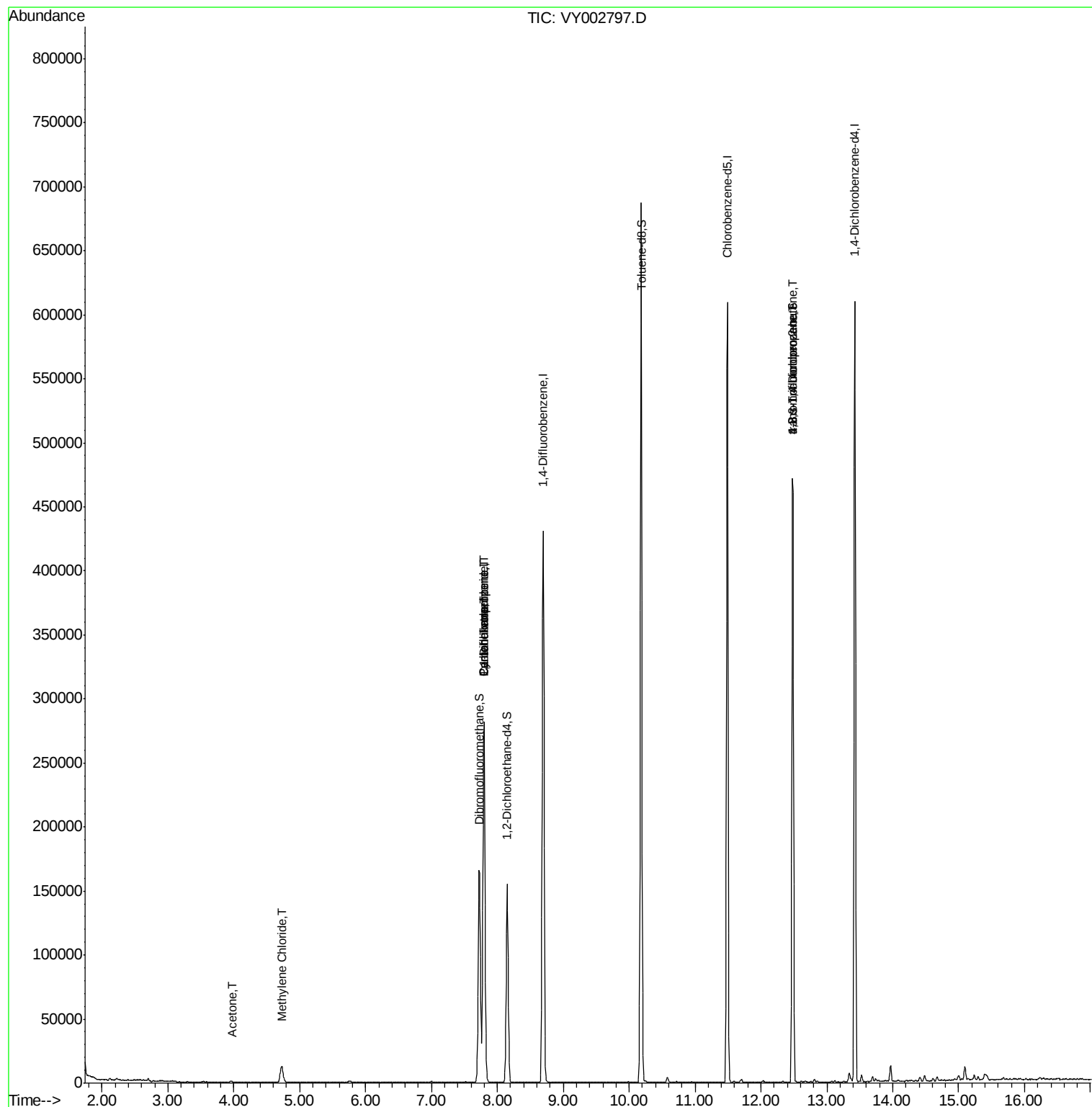
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	390204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	354964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118192	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
35) Dibromofluoromethane	7.72	113	118696	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.18	98	456625	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.48	95	144115	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	19	Below Cal	#	74
16) Acetone	3.97	43	1208	2.476	ug/l #	83
18) Methyl Acetate	4.49	43	504	Below Cal	#	72
20) Methylene Chloride	4.72	84	10818	4.537	ug/l	98
31) Cyclohexane	7.80	56	3848	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	14419	4.387	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21329	5.841	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	69278	46.566	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	69278	87.731	ug/l #	17

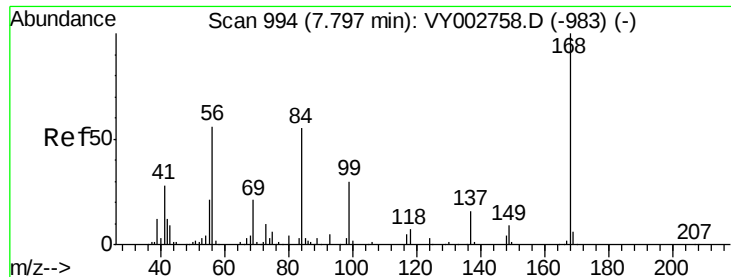
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY002797.D

Acq: 29 May 2020 12:13

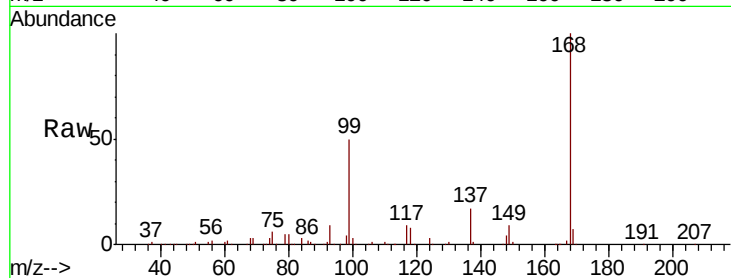
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 239655

Ion Ratio Lower Upper

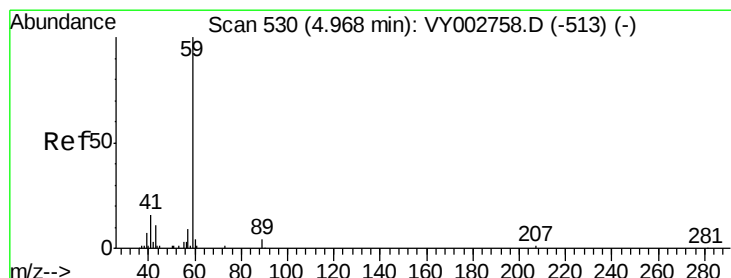
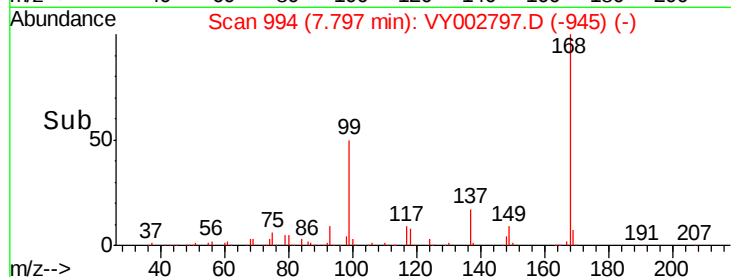
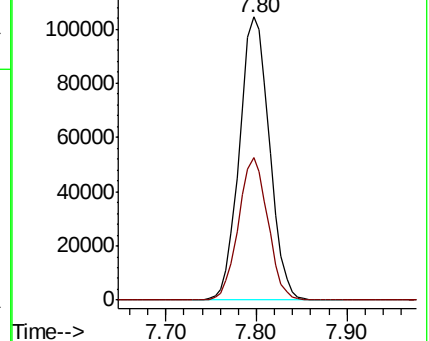
168 100

99 50.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.02 min

Lab File: VY002797.D

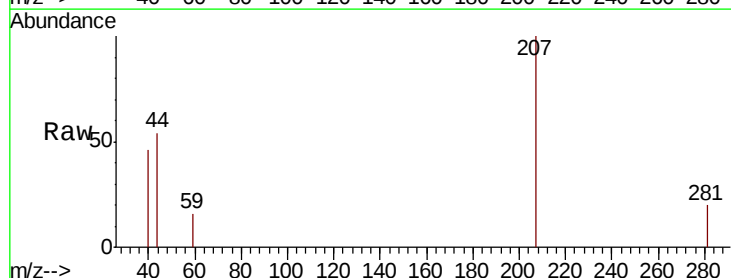
Acq: 29 May 2020 12:13

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

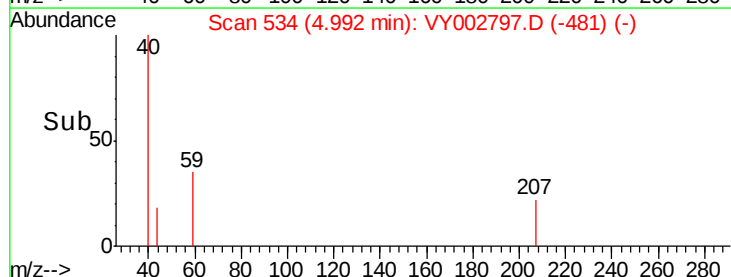
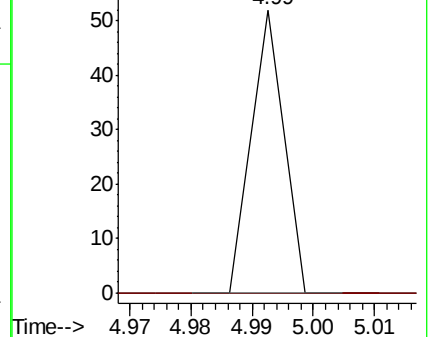
59 100

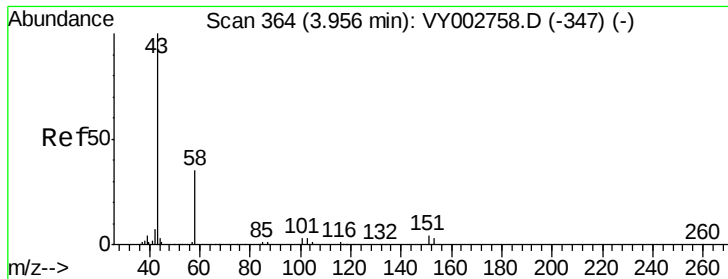
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)

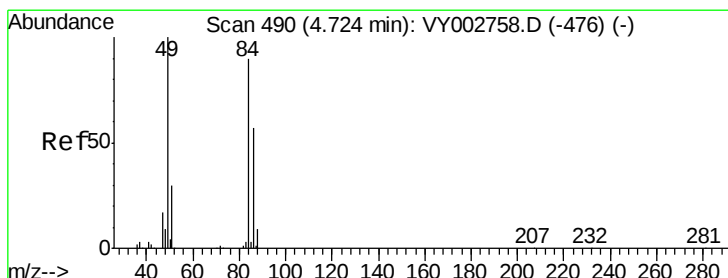
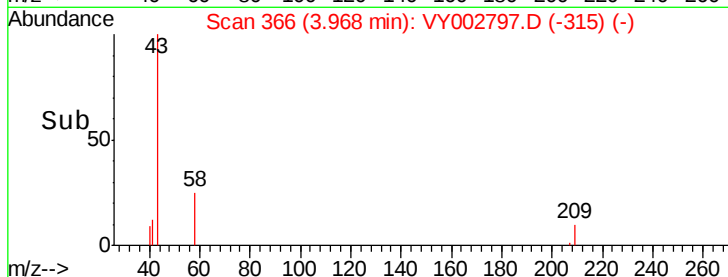
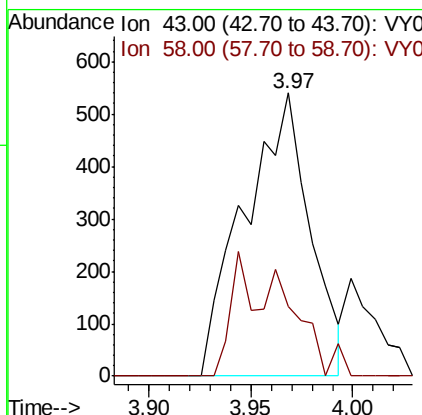
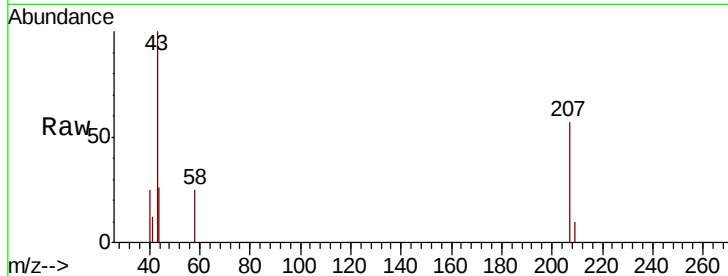




#16
Acetone
Concen: 2.476 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002797.D
Acq: 29 May 2020 12:13

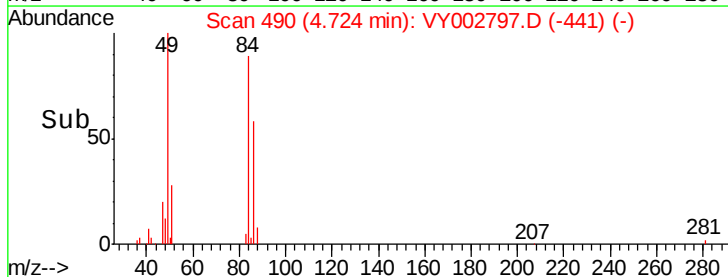
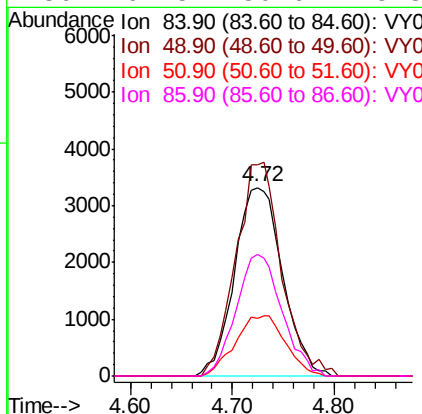
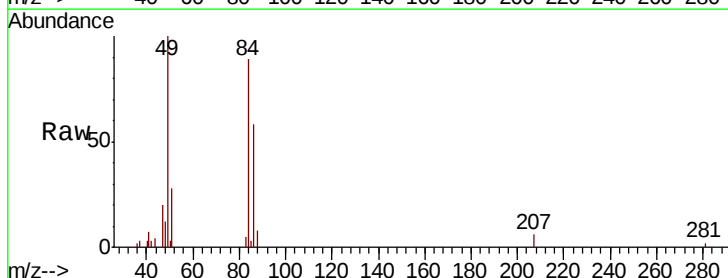
Instrument :
MSVOA_Y
ClientSampleId :

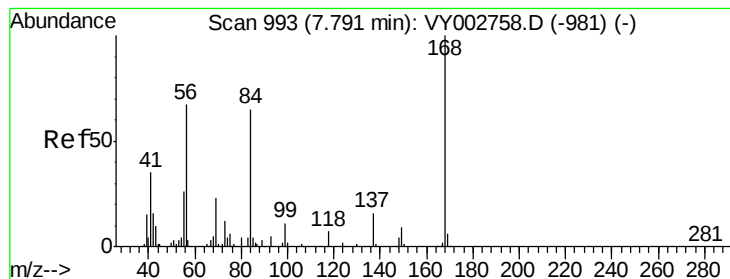
Tot Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 24.6 27.7 41.5#



#20
Methylene Chloride
Concen: 4.537 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002797.D
Acq: 29 May 2020 12:13

Tgt Ion: 84 Resp: 10818
Ion Ratio Lower Upper
84 100
49 112.1 88.5 132.7
51 30.9 26.8 40.2
86 64.5 50.6 75.8





#31

Cyclohexane

Concen: 1.090 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

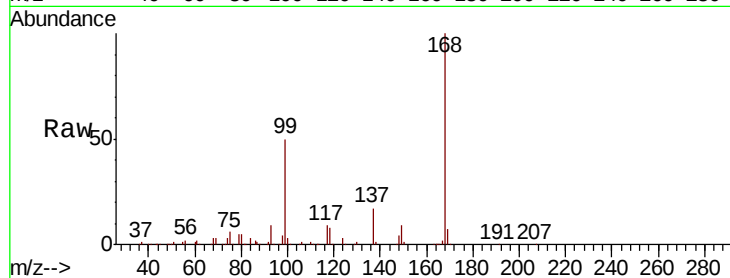
Tot Ion: 56 Resp: 3848

Ion Ratio Lower Upper

56 100

69 159.7 28.0 42.0#

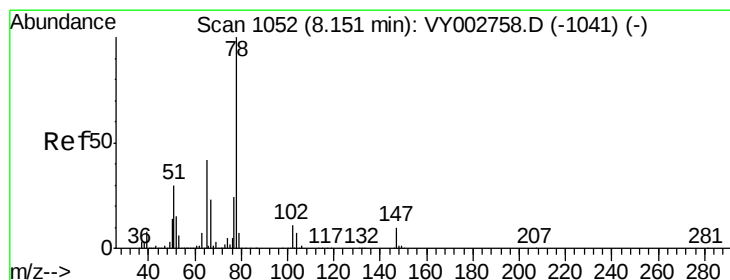
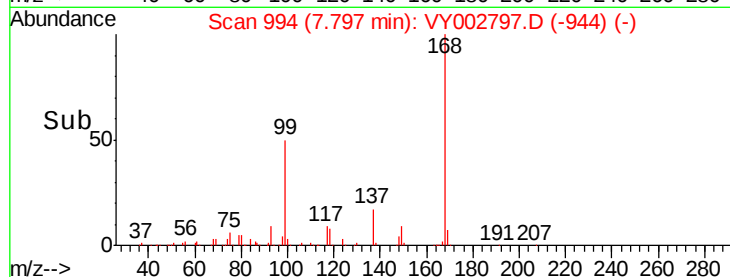
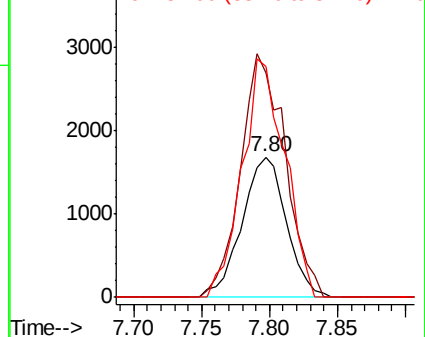
84 164.3 77.7 116.5#



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: 56.799 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002797.D

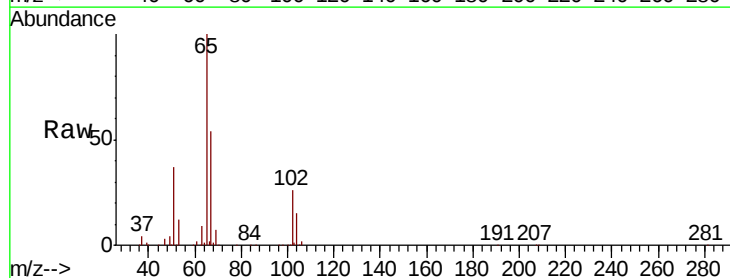
Acq: 29 May 2020 12:13

Tgt Ion: 65 Resp: 118192

Ion Ratio Lower Upper

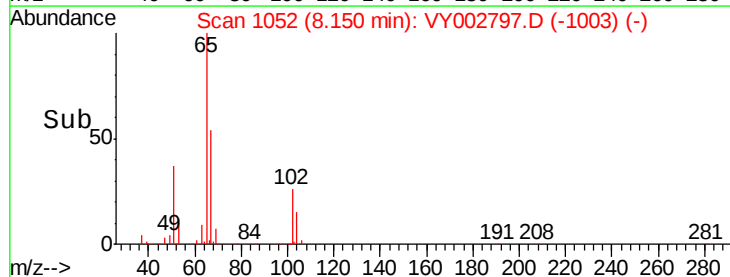
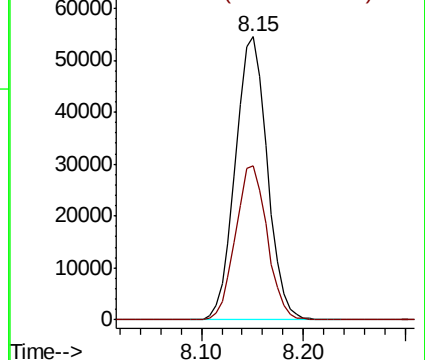
65 100

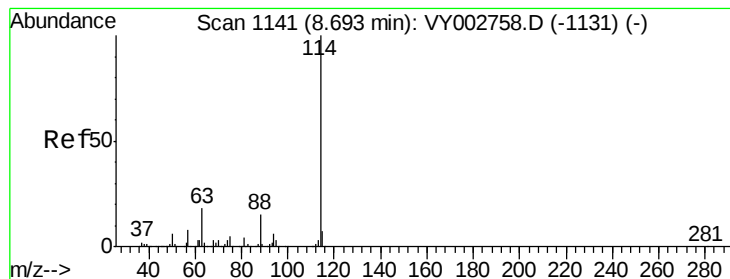
67 54.0 0.0 111.0



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: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

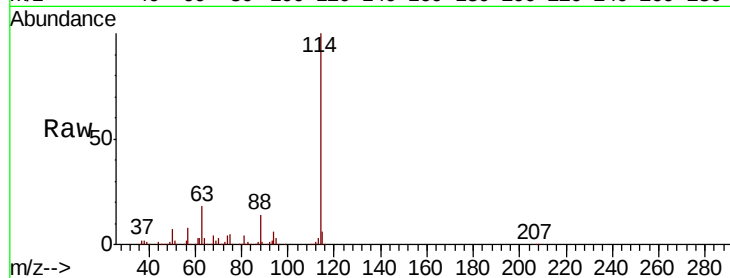
Tot Ion:114 Resp: 390204

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.2

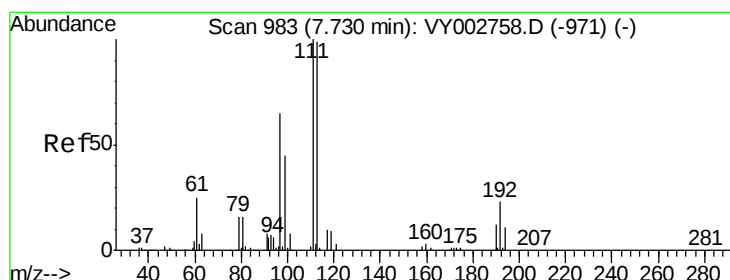
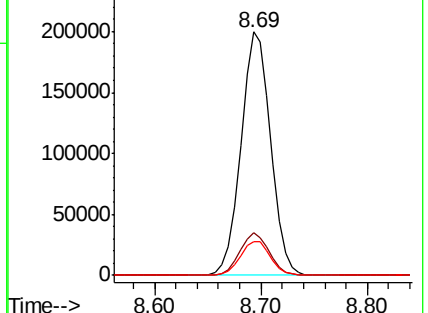
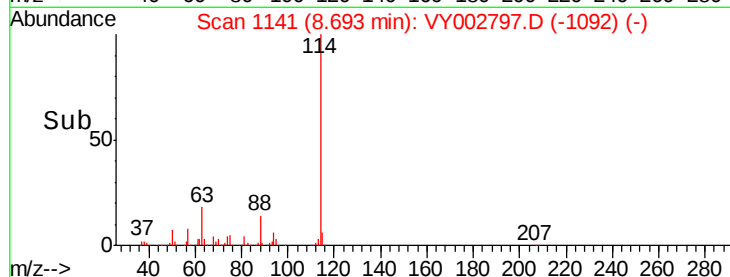
88 14.0 0.0 29.2



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: 51.905 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

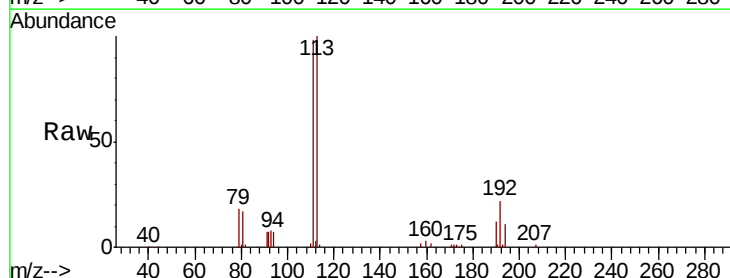
Tgt Ion:113 Resp: 118696

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

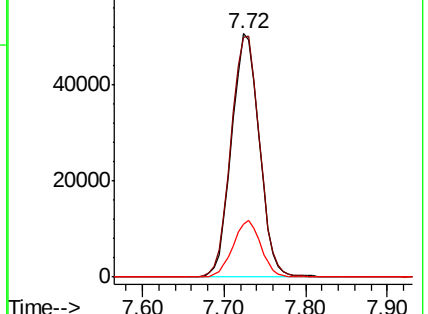
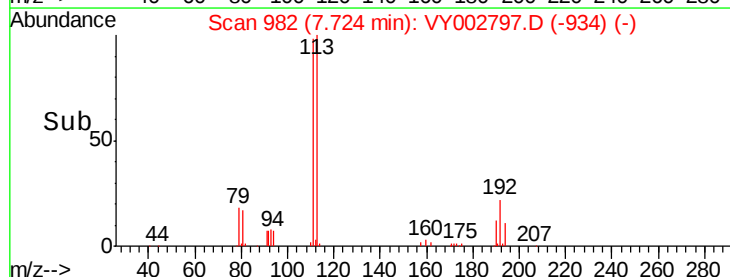
192 23.2 18.9 28.3

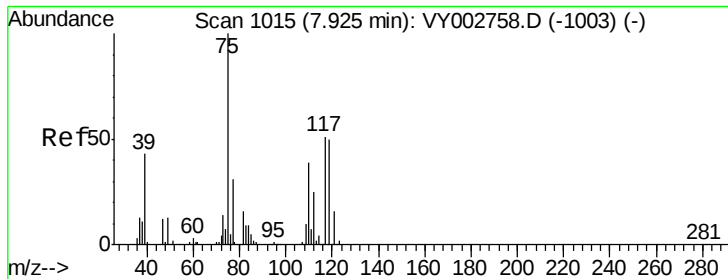


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

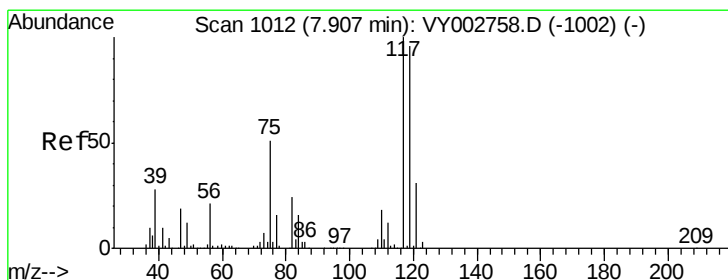
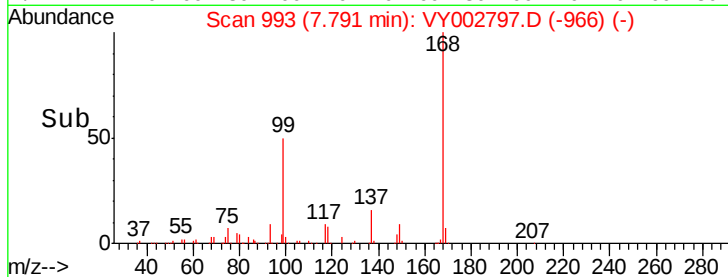
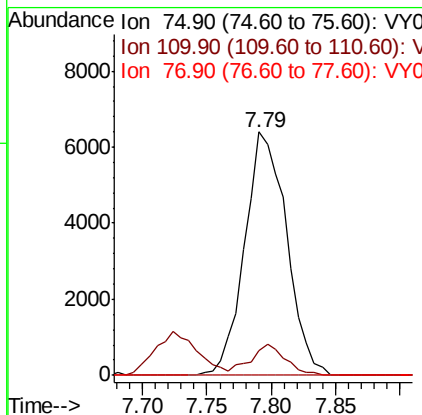
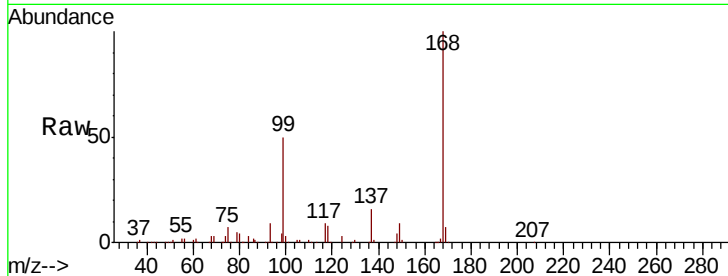




#36
 1,1-Dichloropropene
 Concen: 4.387 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002797.D
 Acq: 29 May 2020 12:13

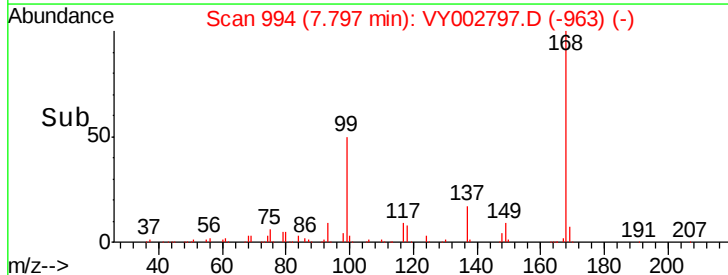
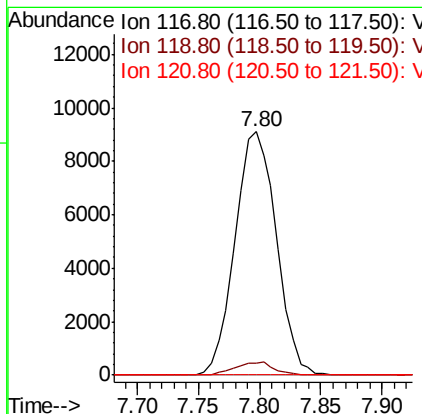
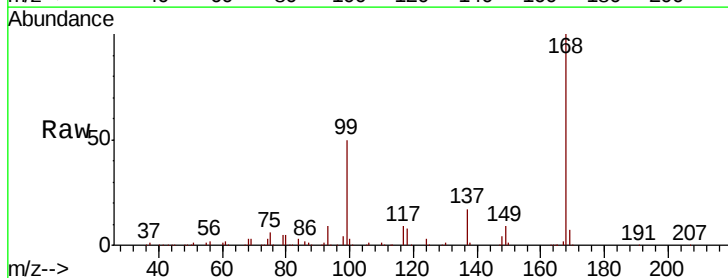
Instrument :
 MSVOA_Y
 ClientSampleId :

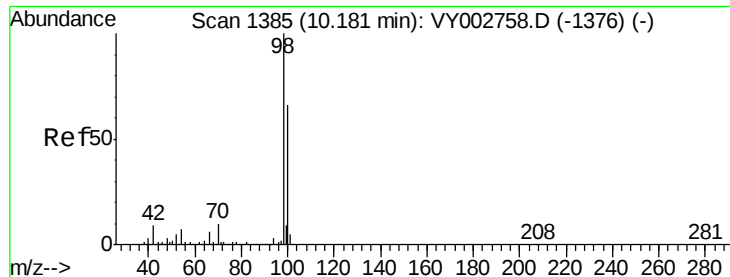
Tot Ion	75	Resp	14419
Ion Ratio	100	Lower	Upper
75	100		
110	10.6	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.841 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002797.D
 Acq: 29 May 2020 12:13

Tgt Ion	117	Resp	21329
Ion Ratio	100	Lower	Upper
117	100		
119	5.0	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.386 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

Instrument :

MSVOA_Y

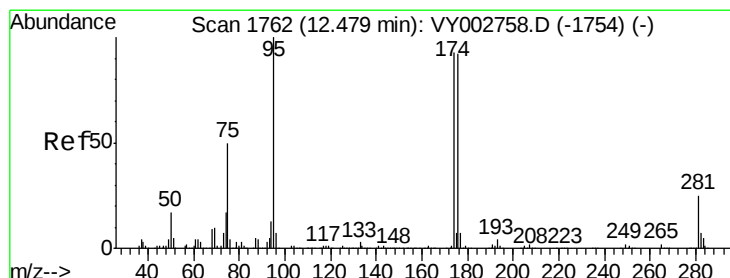
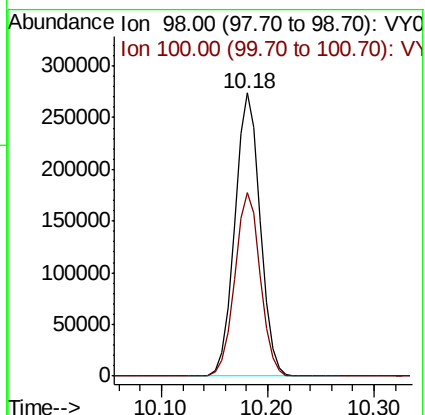
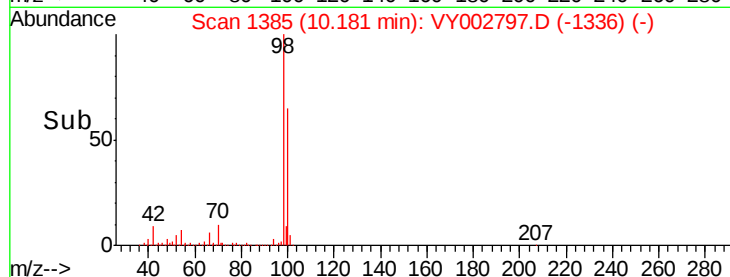
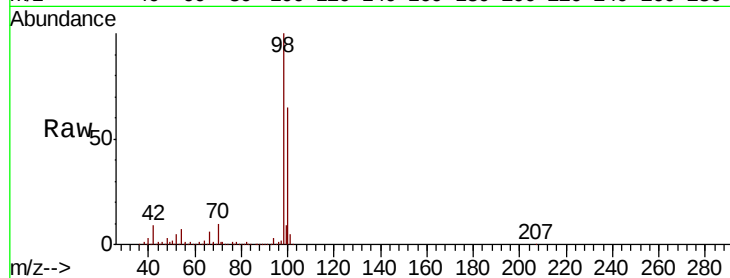
ClientSampleId :

Tot Ion: 98 Resp: 456625

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.608 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

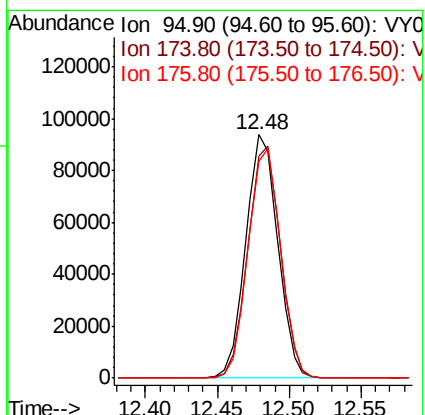
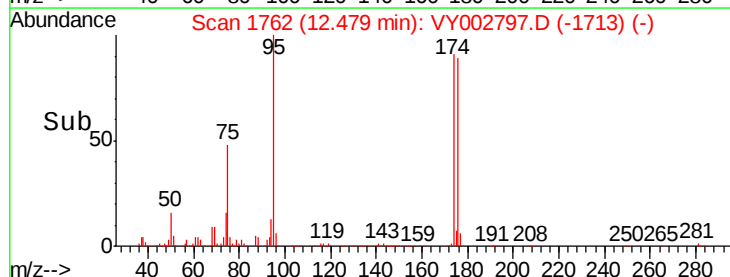
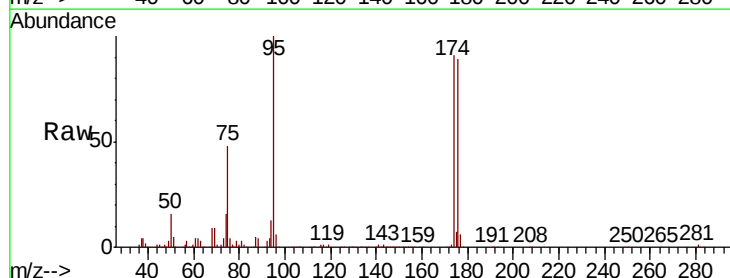
Tgt Ion: 95 Resp: 144115

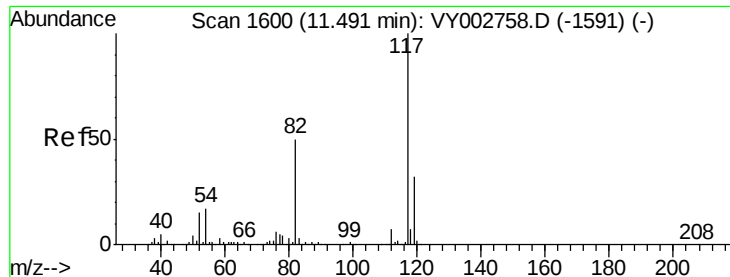
Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.2

176 95.3 0.0 188.8

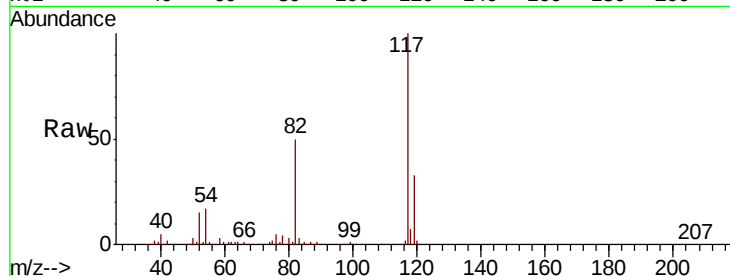




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002797.D
Acq: 29 May 2020 12:13

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.2	60.4
119	33.1	25.8	38.8

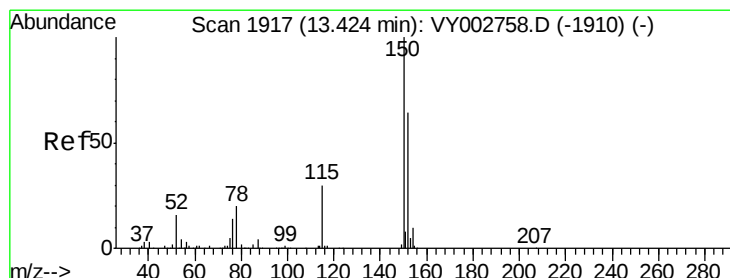
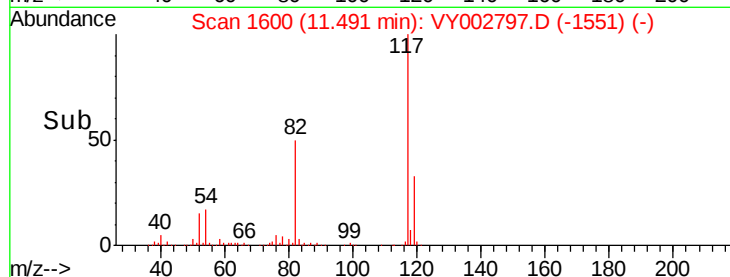
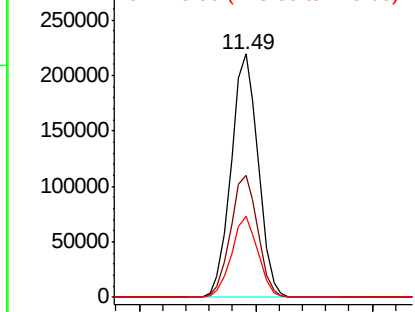


Abundance

Ion 116.90 (116.60 to 117.60): V

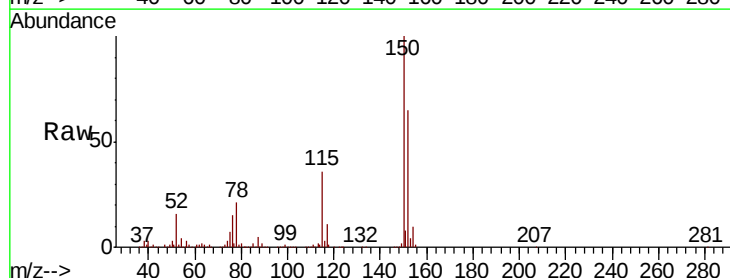
Ion 82.00 (81.70 to 82.70): VY0

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: VY002797.D
Acq: 29 May 2020 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	81.0
150	159.4	0.0	344.8

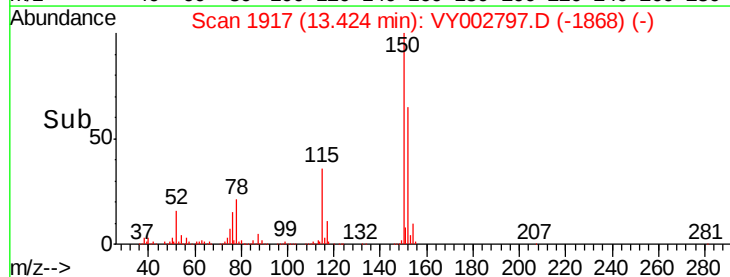
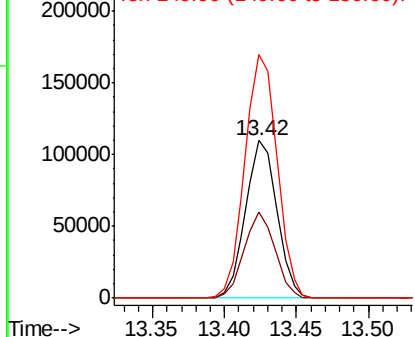


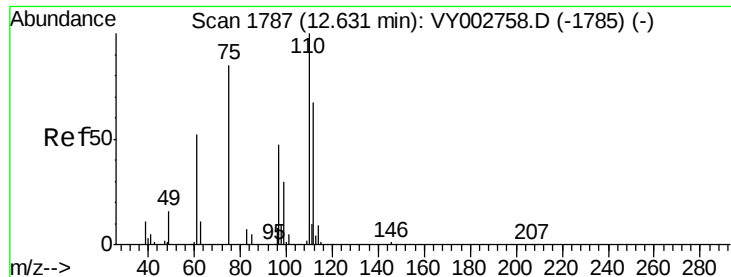
Abundance

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: 46.566 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

Instrument :

MSVOA_Y

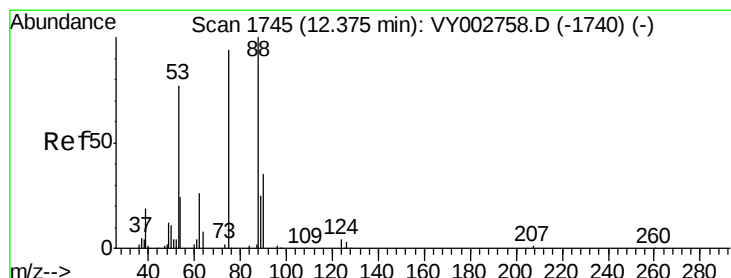
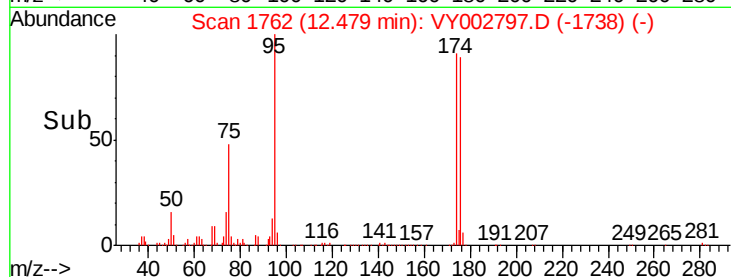
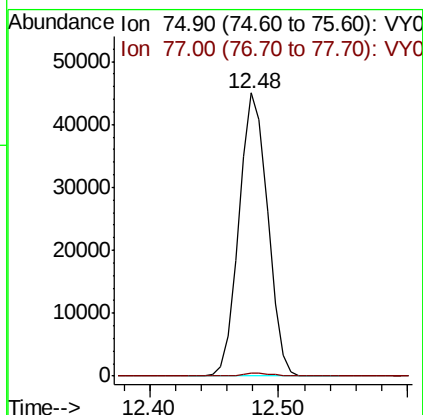
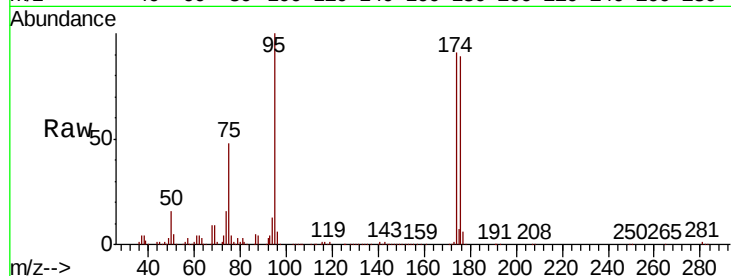
ClientSampled :

Tot Ion: 75 Resp: 69278

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.731 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

Tgt Ion: 75 Resp: 69278

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#

