

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002812.D
 Acq On : 02 Jun 2020 11:02
 Operator : SY/MD
 Sample : VY0602SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL01

Quant Time: Jun 03 05:09:16 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

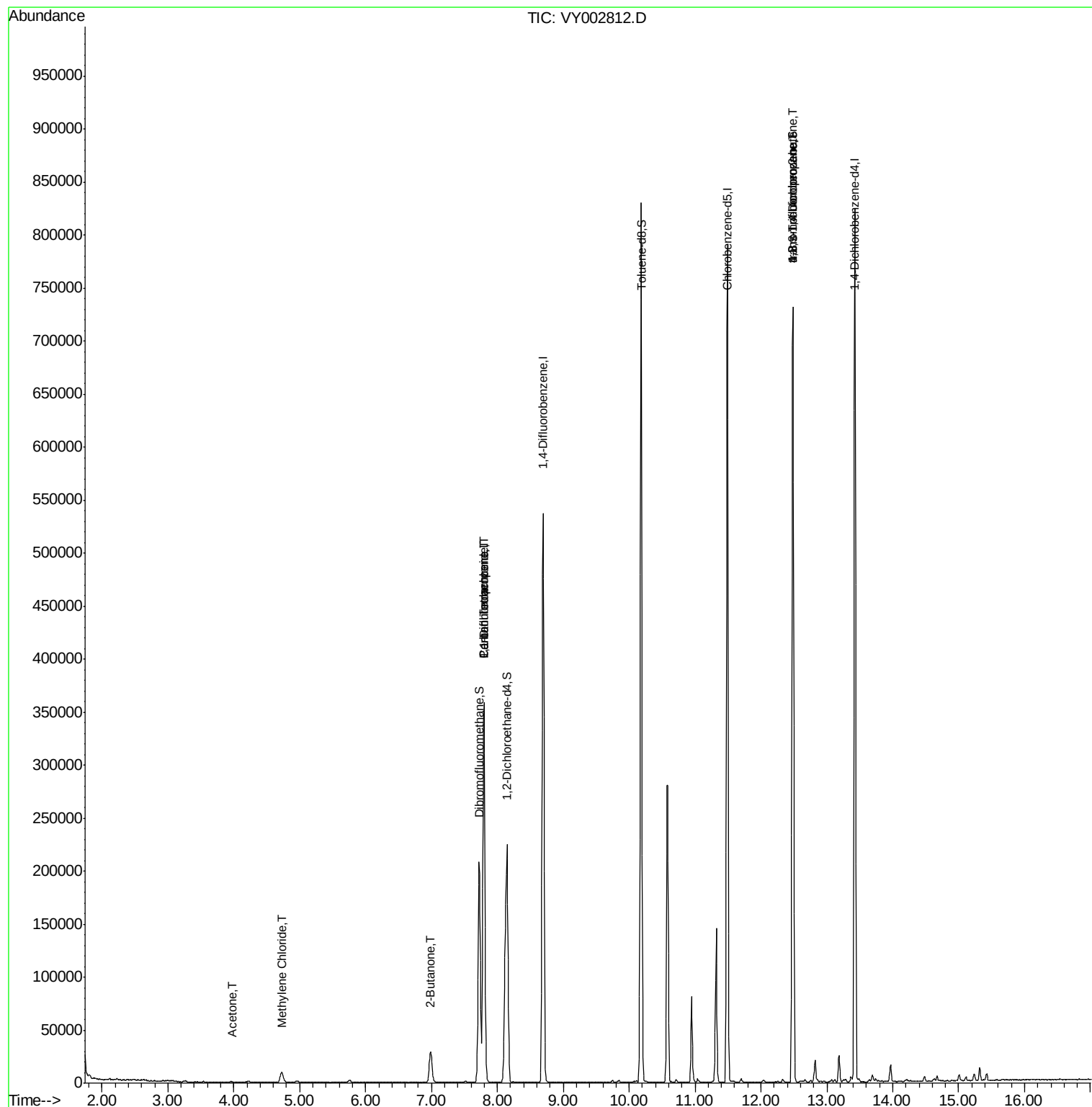
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	300480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	481707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	454073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	228664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	143681	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	7.72	113	148681	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.18	98	562738	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.48	95	196978	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	2042	Below Cal	#	74
16) Acetone	3.97	43	1134	1.854	ug/l #	82
18) Methyl Acetate	4.49	43	401	Below Cal	#	63
20) Methylene Chloride	4.72	84	7838	2.622	ug/l	97
25) 2-Butanone	6.99	43	1684	1.767	ug/l #	67
36) 1,1-Dichloropropene	7.79	75	18883	4.654	ug/l #	48
38) Carbon Tetrachloride	7.80	117	26845	5.955	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	93428	45.344	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93428	85.429	ug/l #	17

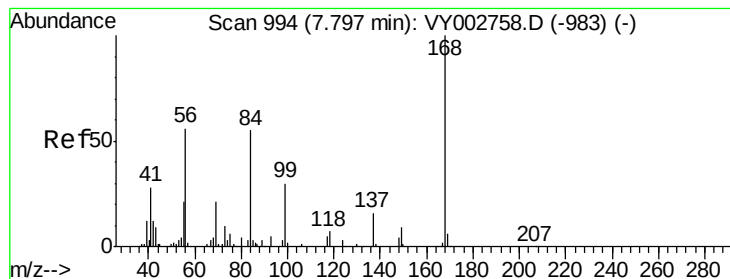
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
Data File : VY002812.D
Acq On : 02 Jun 2020 11:02
Operator : SY/MD
Sample : VY0602SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

Quant Time: Jun 03 05:09:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 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: VY002812.D

Acq: 02 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

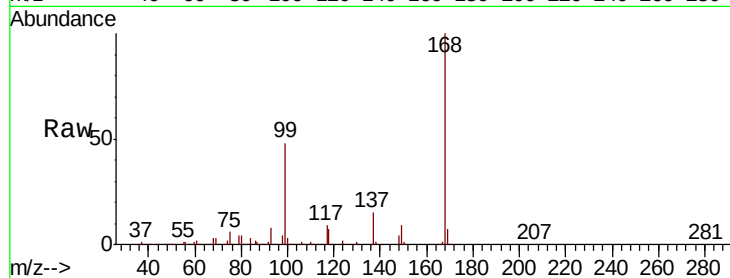
VY0602SBL01

Tot Ion:168 Resp: 300480

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002812.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002812.D (-945) (-)

7.80

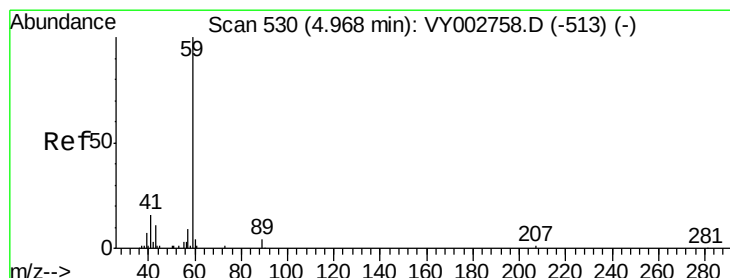
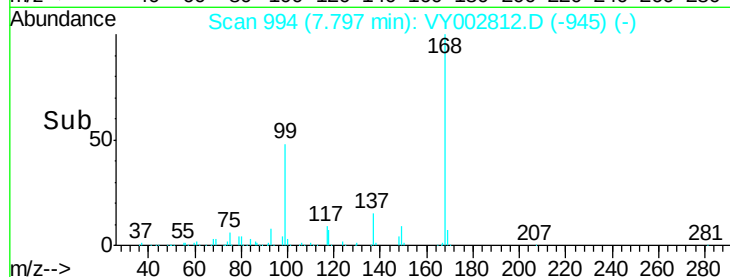
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002812.D

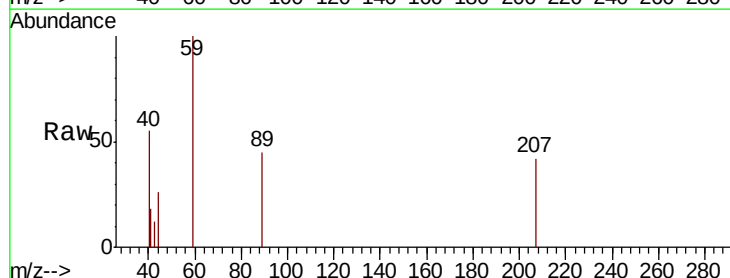
Acq: 02 Jun 2020 11:02

Tgt Ion: 59 Resp: 2042

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002812.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002812.D (-481) (-)

4.96

500

400

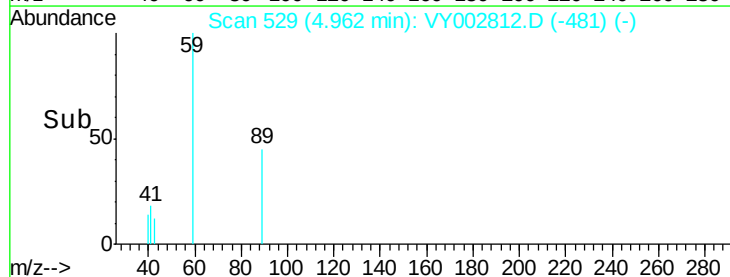
300

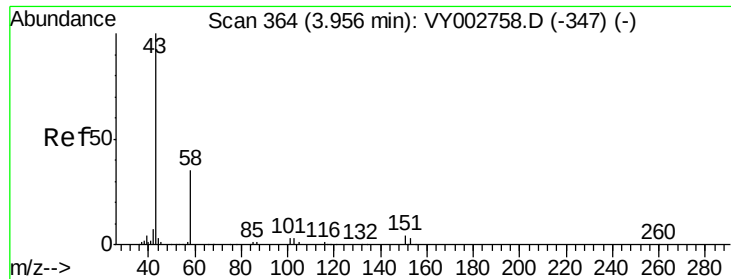
200

100

0

Time-->





#16

Acetone

Concen: 1.854 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY002812.D

Acq: 02 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

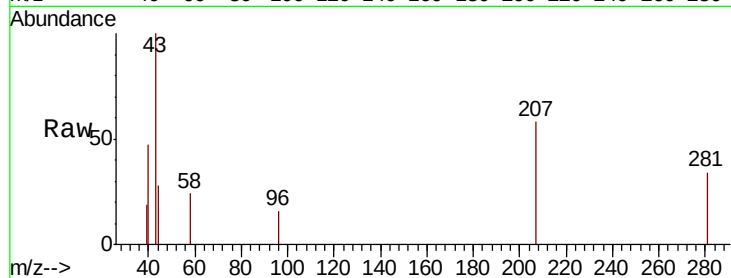
VY0602SBL01

Tot Ion: 43 Resp: 1134

Ion Ratio Lower Upper

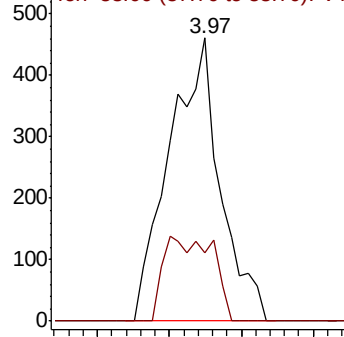
43 100

58 24.1 27.7 41.5#

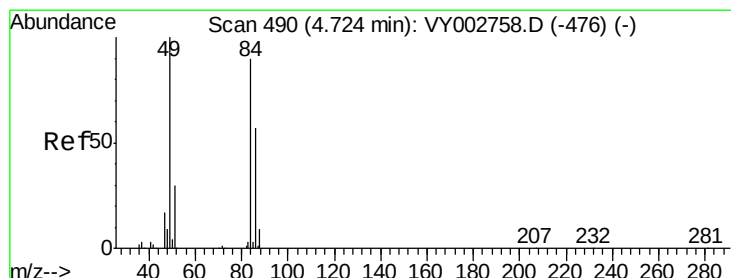
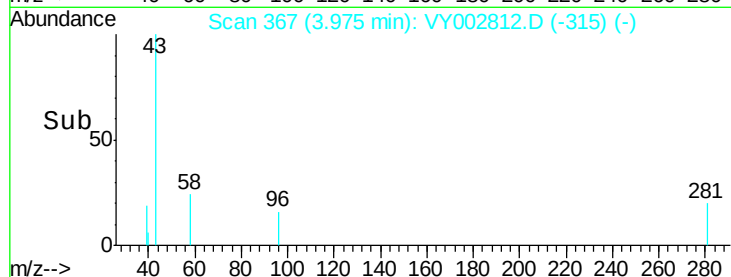


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#20

Methylene Chloride

Concen: 2.622 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002812.D

Acq: 02 Jun 2020 11:02

Tgt Ion: 84 Resp: 7838

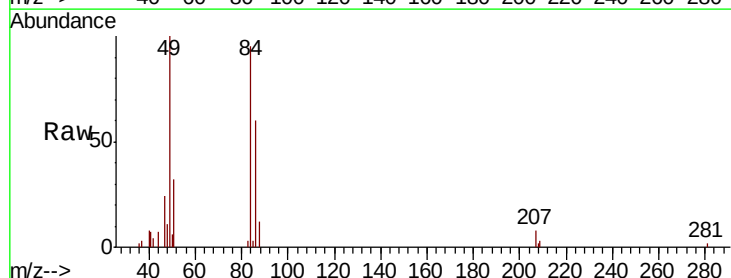
Ion Ratio Lower Upper

84 100

49 105.4 88.5 132.7

51 33.9 26.8 40.2

86 63.5 50.6 75.8

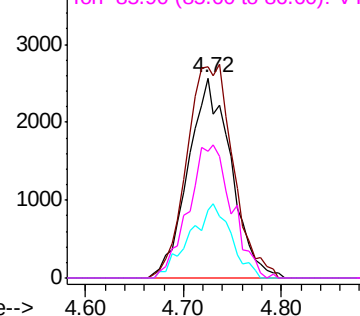


Abundance Ion 83.90 (83.60 to 84.60): VY0

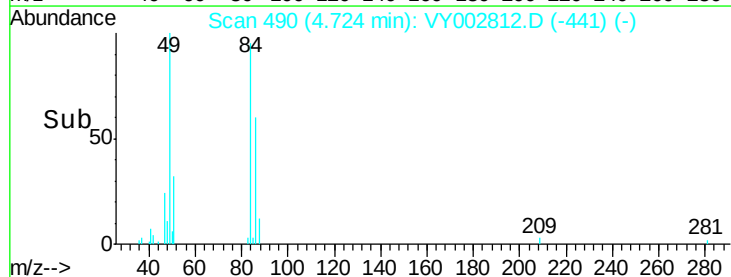
Ion 48.90 (48.60 to 49.60): VY0

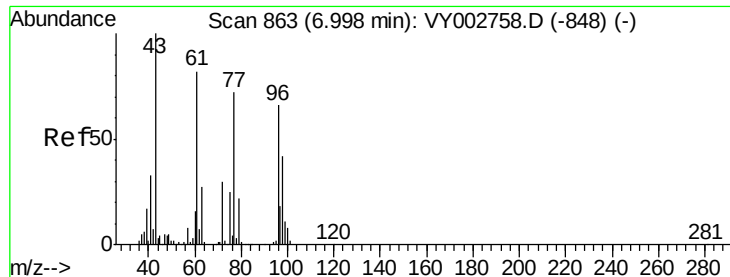
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



Time-->

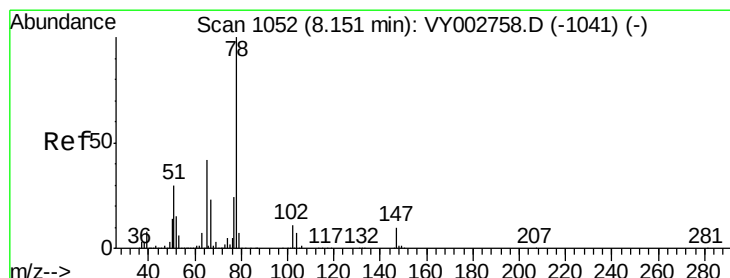
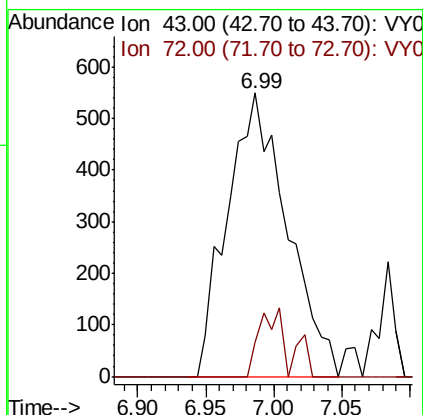
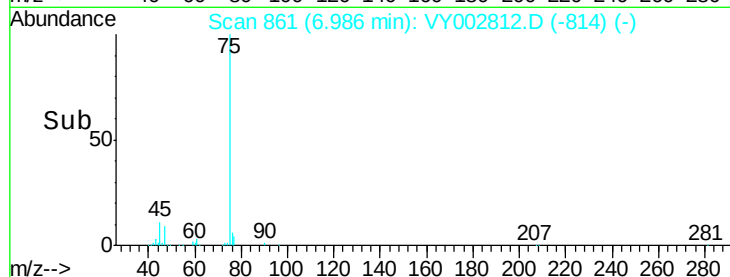
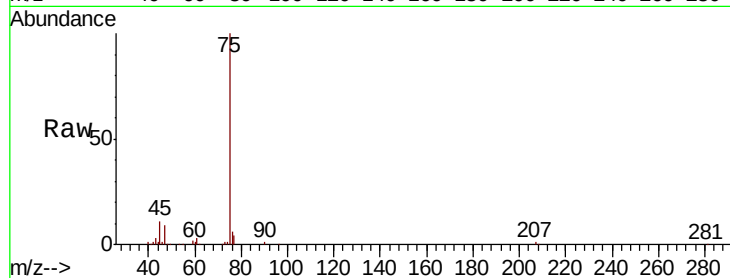




#25
 2-Butanone
 Concen: 1.767 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VY002812.D
 Acq: 02 Jun 2020 11:02

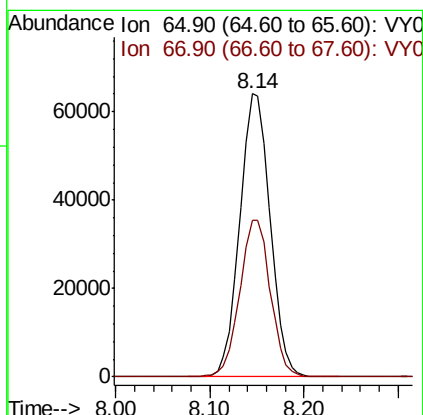
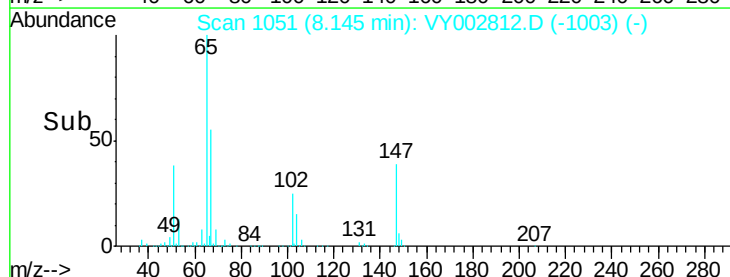
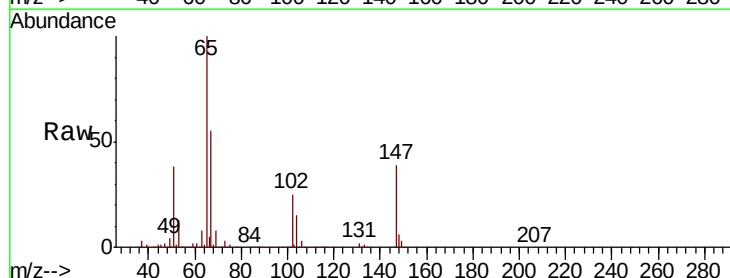
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL01

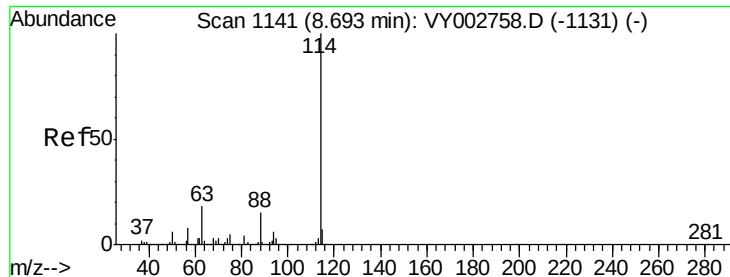
Tot Ion: 43 Resp: 1684
 Ion Ratio Lower Upper
 43 100
 72 12.2 23.9 35.9#



#33
 1,2-Dichloroethane-d4
 Concen: 55.071 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002812.D
 Acq: 02 Jun 2020 11:02

Tgt Ion: 65 Resp: 143681
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.0

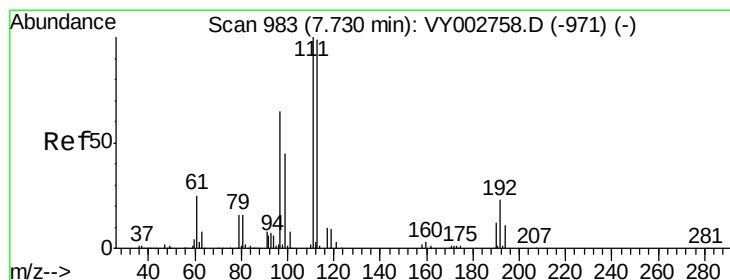
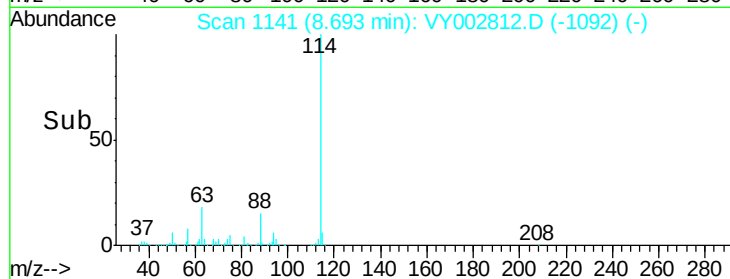
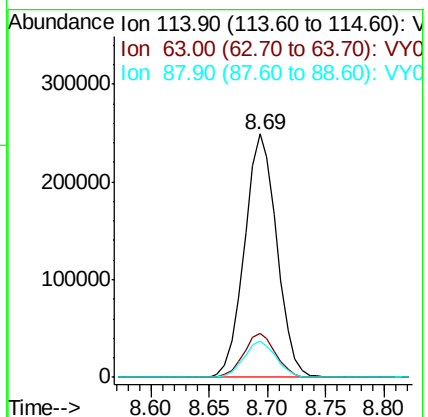
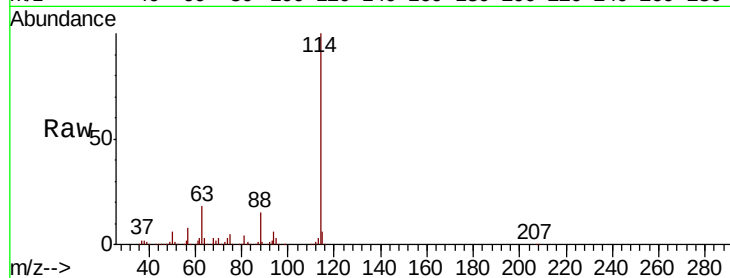




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002812.D
Acq: 02 Jun 2020 11:02

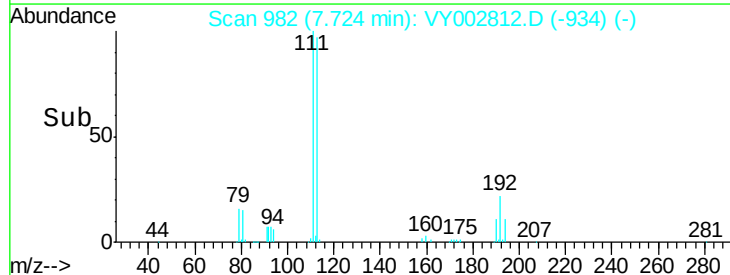
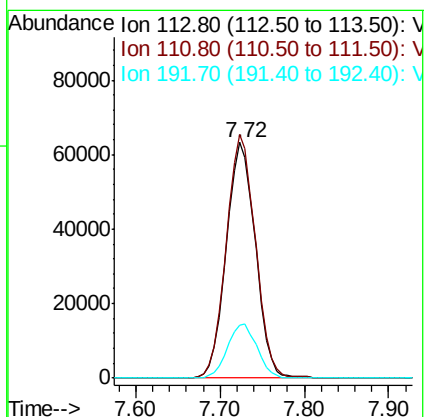
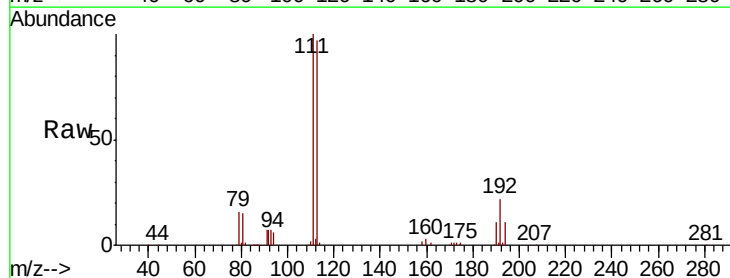
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

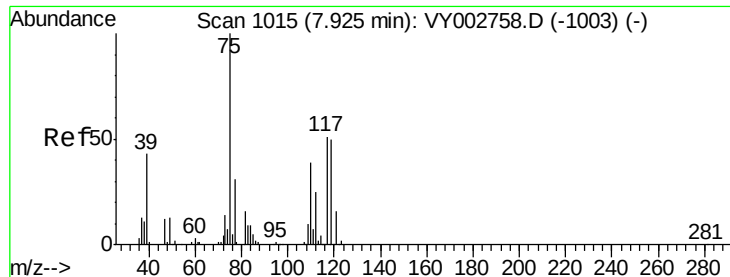
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.2
88	14.9	0.0	29.2



#35
Dibromofluoromethane
Concen: 52.667 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002812.D
Acq: 02 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	23.1	18.9	28.3

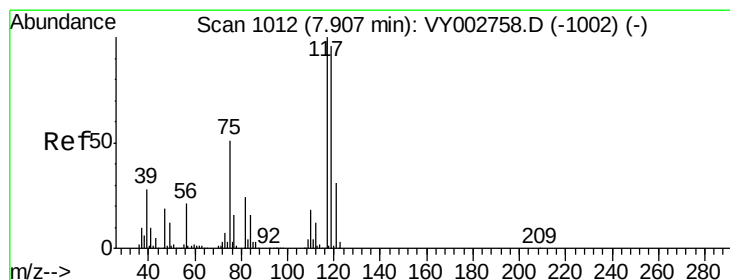
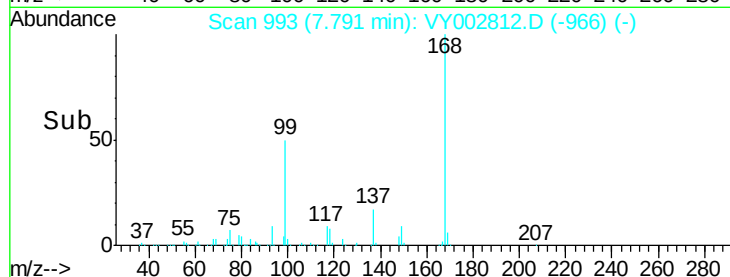
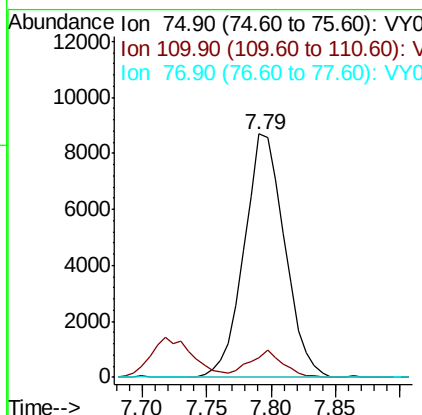
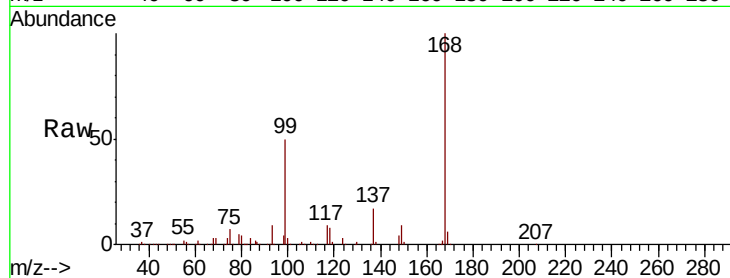




#36
 1,1-Dichloropropene
 Concen: 4.654 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002812.D
 Acq: 02 Jun 2020 11:02

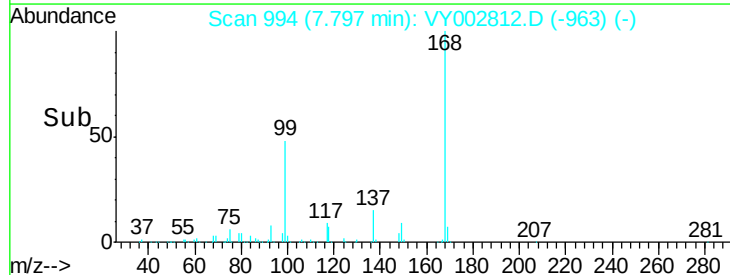
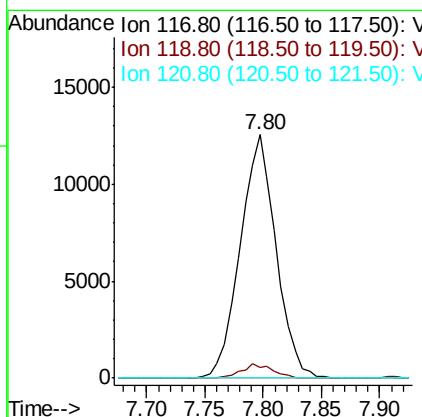
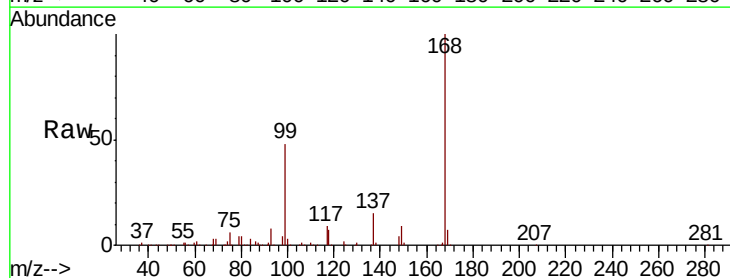
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL01

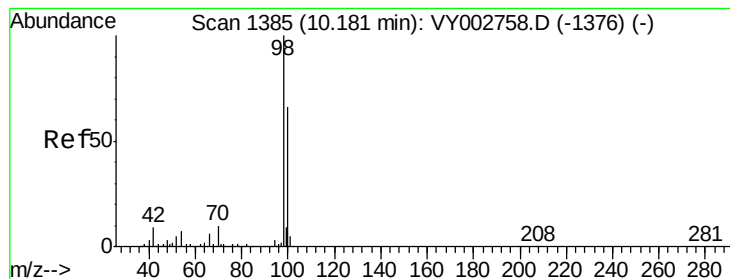
Tot Ion	75	Resp	18883
Ion Ratio	Lower	Upper	
75	100		
110	9.3	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.955 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002812.D
 Acq: 02 Jun 2020 11:02

Tgt Ion	117	Resp	26845
Ion Ratio	Lower	Upper	
117	100		
119	4.6	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.301 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002812.D

Acq: 02 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

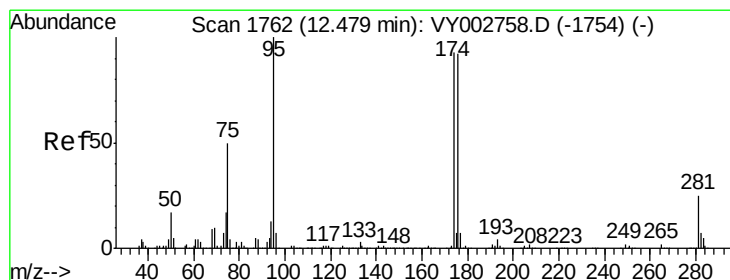
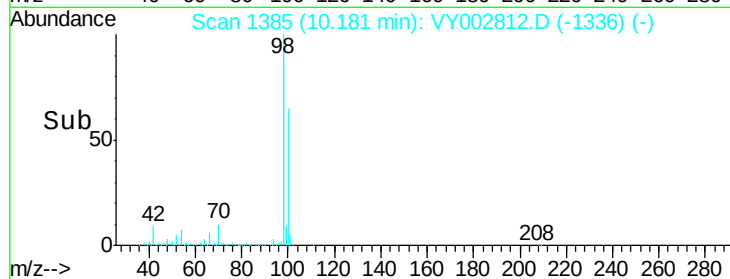
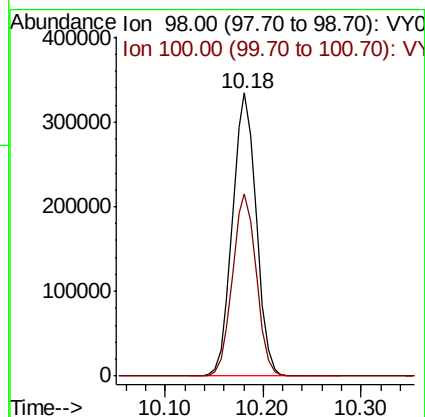
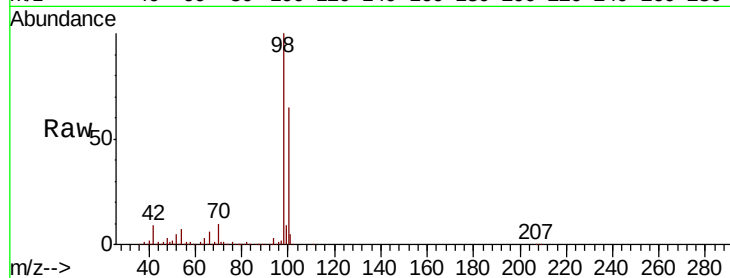
VY0602SBL01

Tot Ion: 98 Resp: 562738

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.496 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002812.D

Acq: 02 Jun 2020 11:02

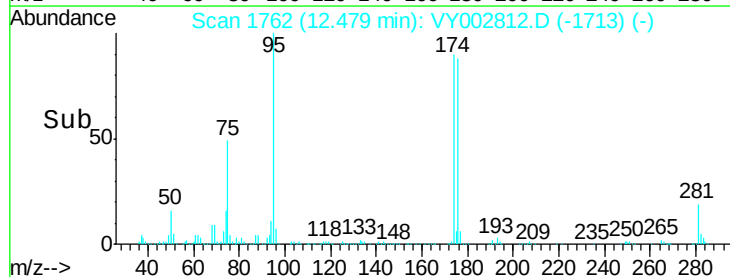
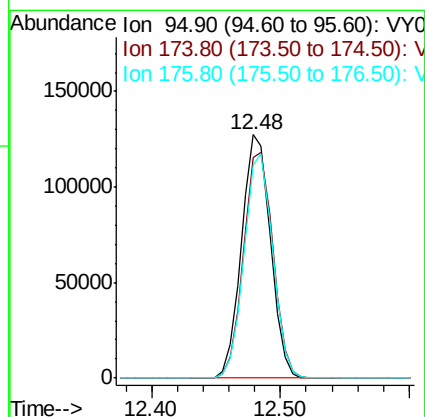
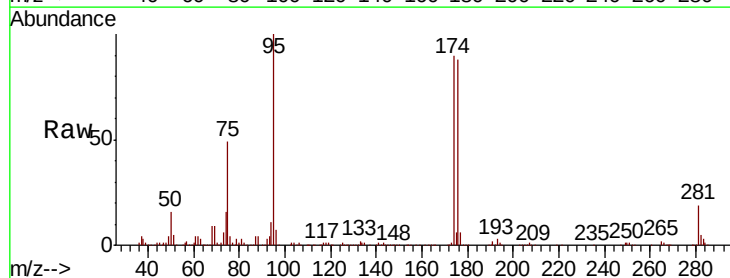
Tgt Ion: 95 Resp: 196978

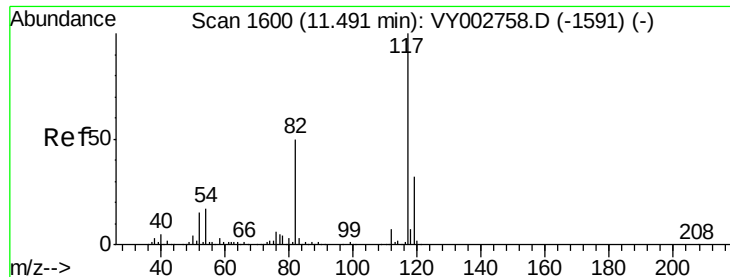
Ion Ratio Lower Upper

95 100

174 94.3 0.0 191.2

176 91.4 0.0 188.8

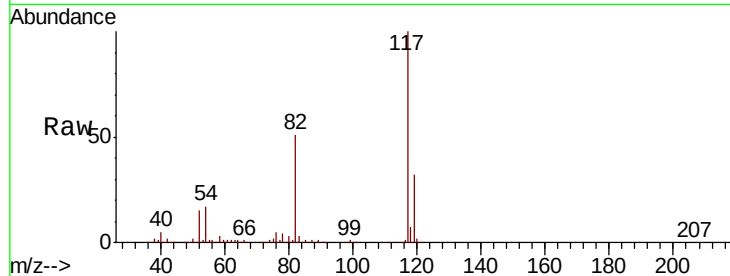




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002812.D
Acq: 02 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.2	60.4
119	32.2	25.8	38.8

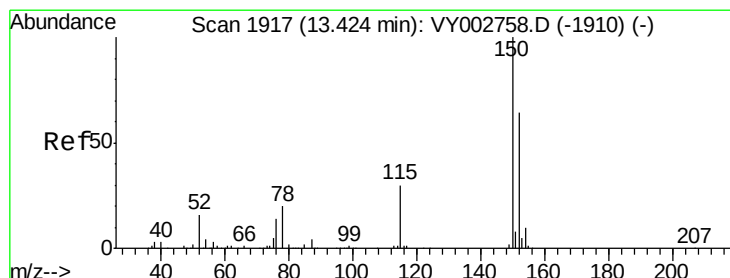
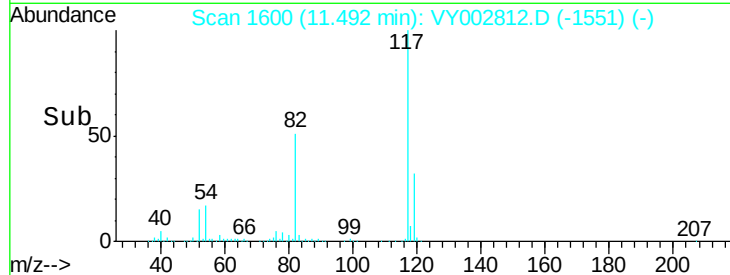
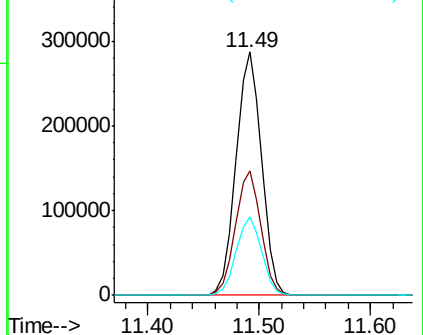


Abundance

Ion 116.90 (116.60 to 117.60): V

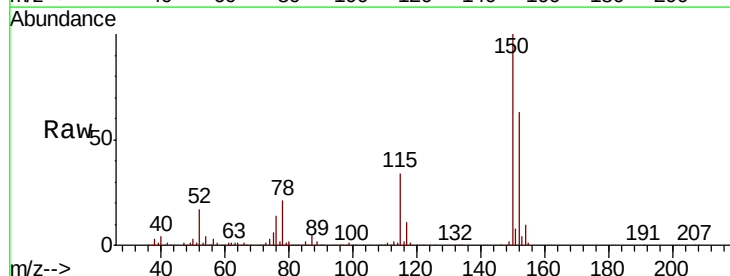
Ion 82.00 (81.70 to 82.70): VY0

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: VY002812.D
Acq: 02 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.0	81.0
150	157.3	0.0	344.8

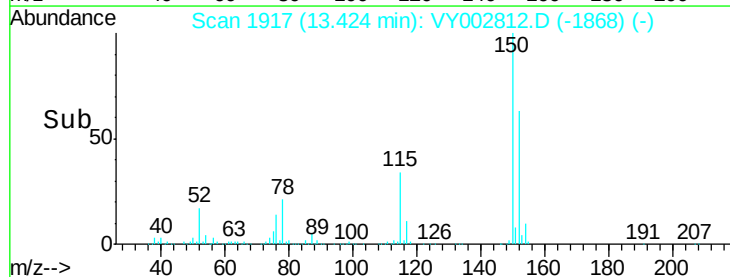
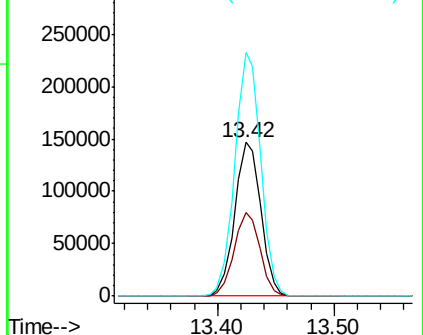


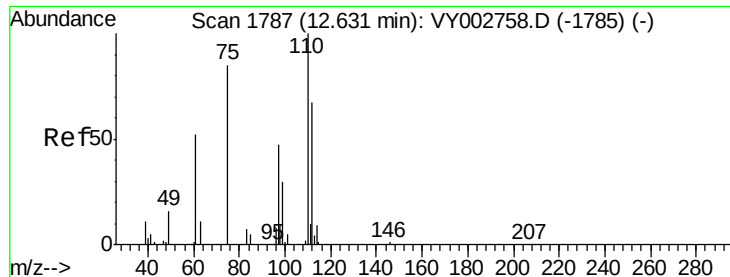
Abundance

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: 45.344 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002812.D

Acq: 02 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

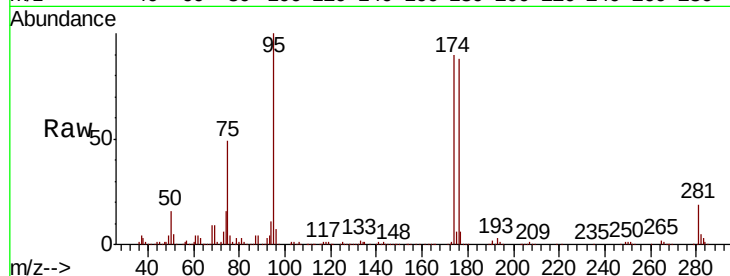
VY0602SBL01

Tot Ion: 75 Resp: 93428

Ion Ratio Lower Upper

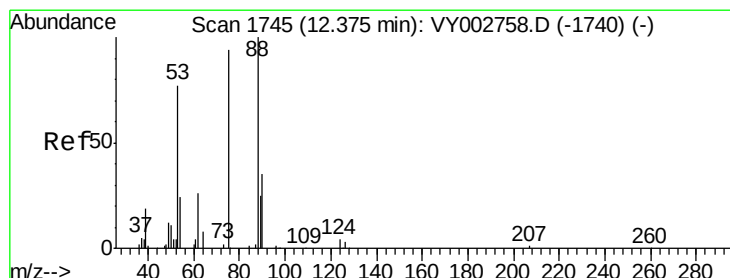
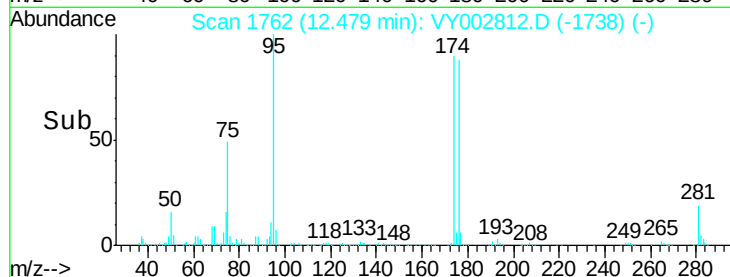
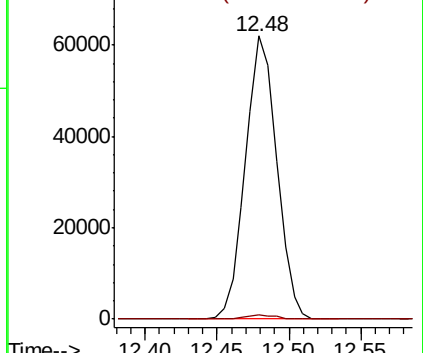
75 100

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: 85.429 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002812.D

Acq: 02 Jun 2020 11:02

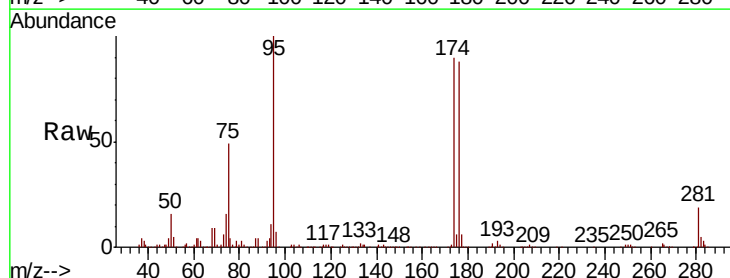
Tgt Ion: 75 Resp: 93428

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.5 37.4 56.2#



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

