

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002902.D
 Acq On : 16 Jun 2020 11:58
 Operator : SY/MD
 Sample : VY0616SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBL01

Quant Time: Jun 17 01:45:26 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	251818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	407341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	196556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	124306	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	7.72	113	126841	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.18	98	480500	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.48	95	165638	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

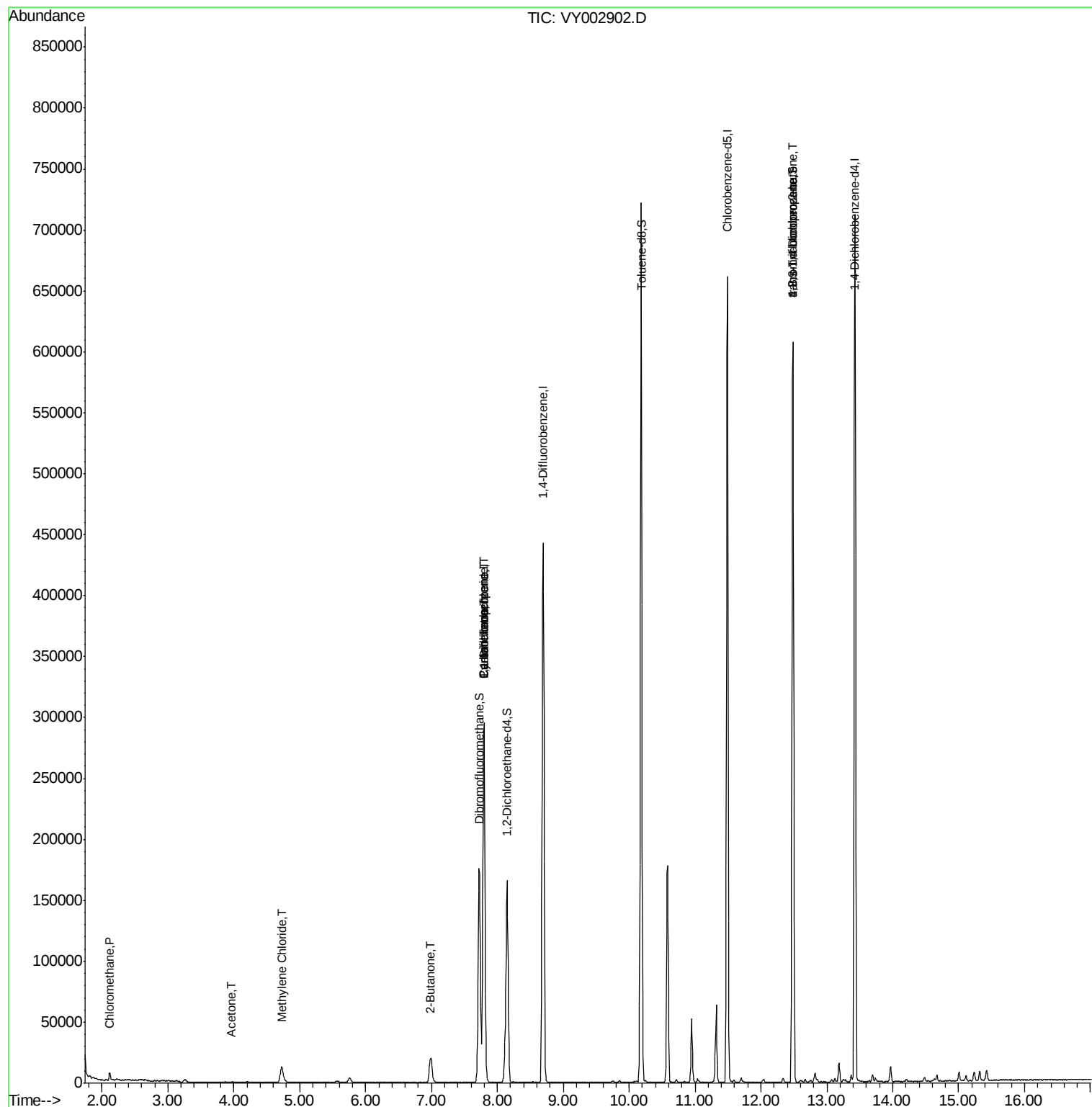
					Qvalue	
3) Chloromethane	2.12	50	5851	3.053	ug/l	95
11) Tert butyl alcohol	4.97	59	179	Below Cal	#	74
16) Acetone	3.96	43	970	1.892	ug/l	92
18) Methyl Acetate	4.49	43	644	Below Cal	#	62
20) Methylene Chloride	4.72	84	10615	4.237	ug/l	93
25) 2-Butanone	6.98	43	1026	1.284	ug/l	# 45
31) Cyclohexane	7.80	56	3807	1.027	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	14960	4.360	ug/l	# 49
38) Carbon Tetrachloride	7.79	117	22253	5.838	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	79470	44.870	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	79470	84.536	ug/l	# 17

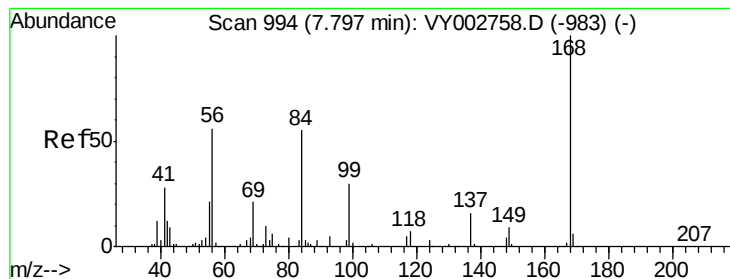
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
Data File : VY002902.D
Acq On : 16 Jun 2020 11:58
Operator : SY/MD
Sample : VY0616SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

Quant Time: Jun 17 01:45:26 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: VY002902.D

Acq: 16 Jun 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

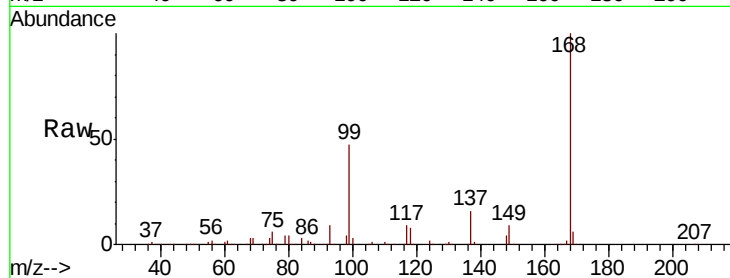
VY0616SBL01

Tot Ion:168 Resp: 251818

Ion Ratio Lower Upper

168 100

99 47.5 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) (-)

7.80

120000

100000

80000

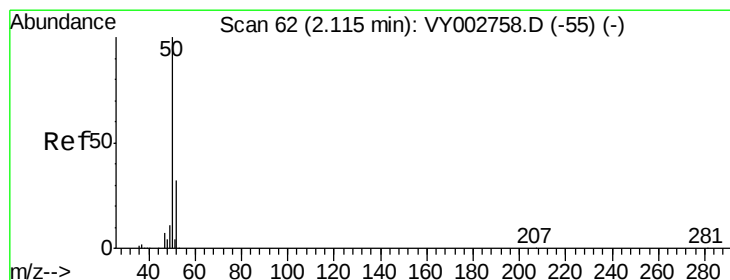
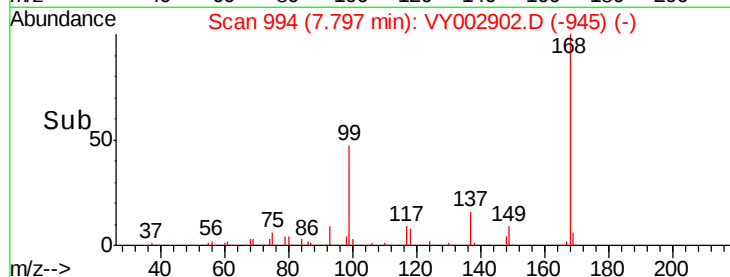
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 3.053 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002902.D

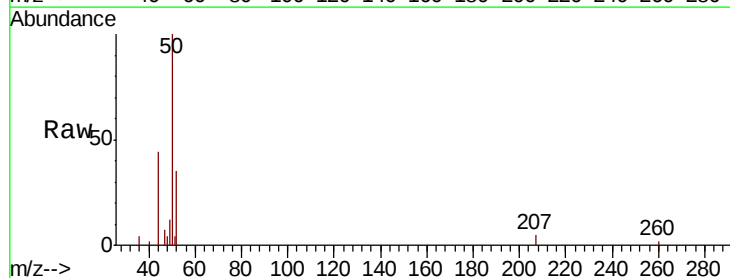
Acq: 16 Jun 2020 11:58

Tgt Ion: 50 Resp: 5851

Ion Ratio Lower Upper

50 100

52 35.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002758.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002758.D (-55) (-)

2.12

4000

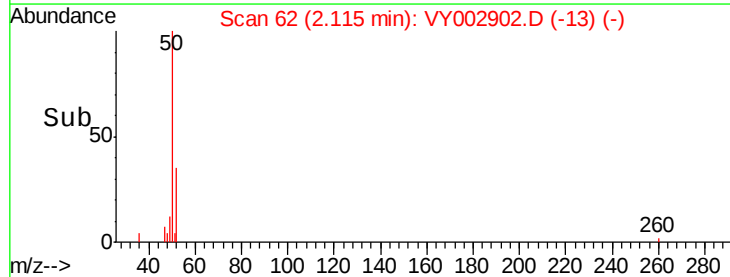
3000

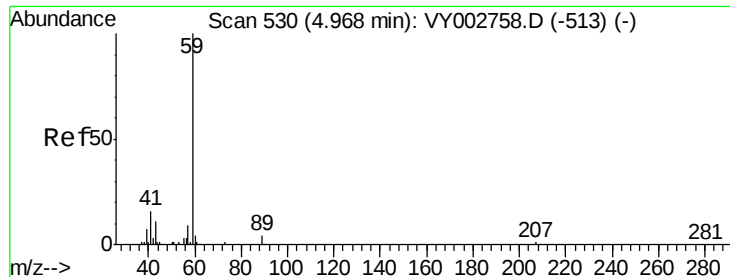
2000

1000

0

Time-->



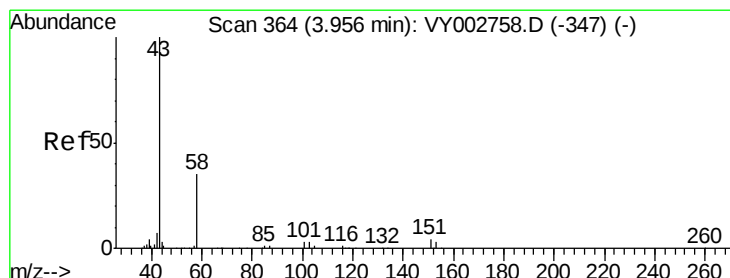
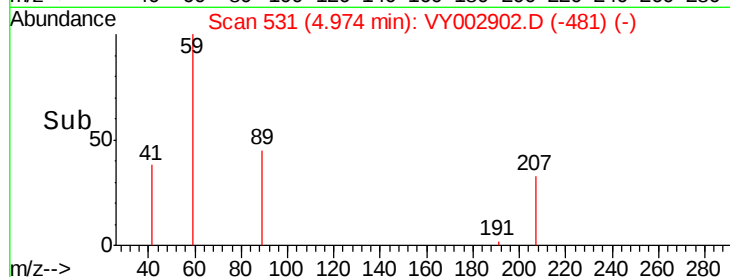
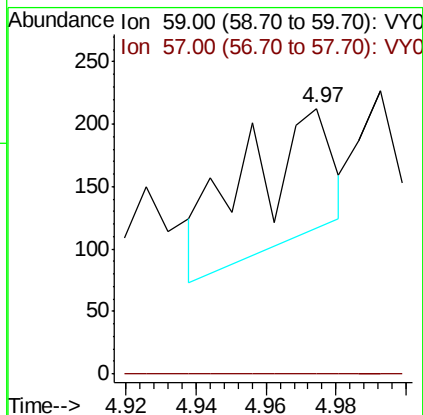
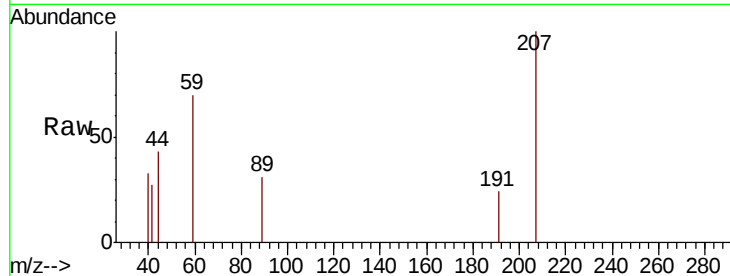


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002902.D
 Acq: 16 Jun 2020 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBL01

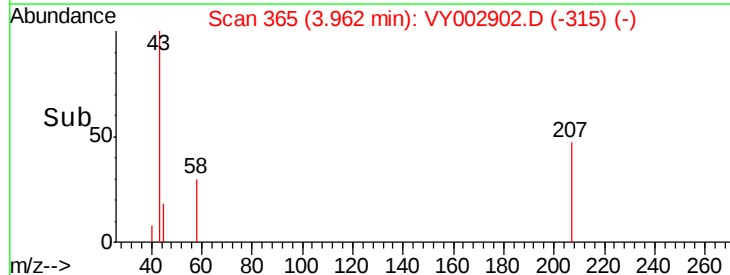
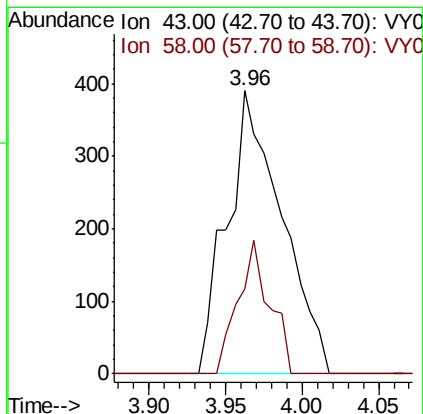
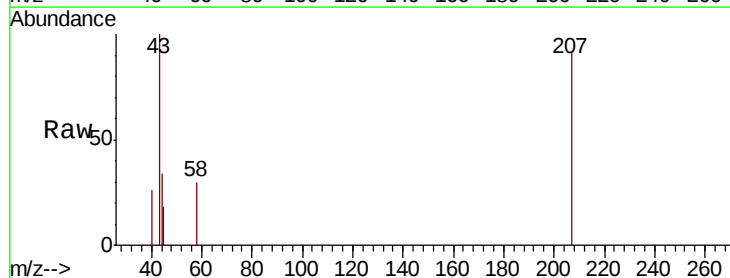
Tot Ion: 59 Resp: 179
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

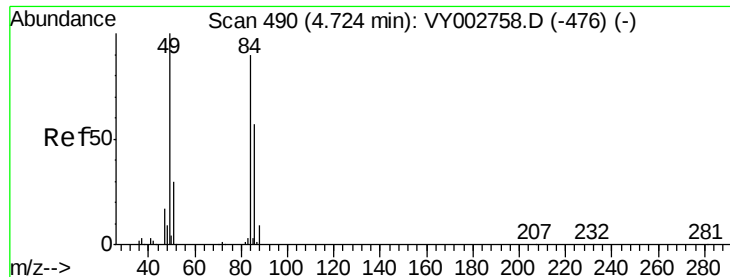


#16

Acetone
 Concen: 1.892 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY002902.D
 Acq: 16 Jun 2020 11:58

Tgt Ion: 43 Resp: 970
 Ion Ratio Lower Upper
 43 100
 58 30.0 27.7 41.5

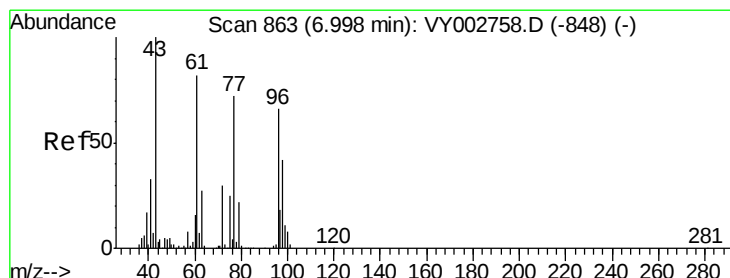
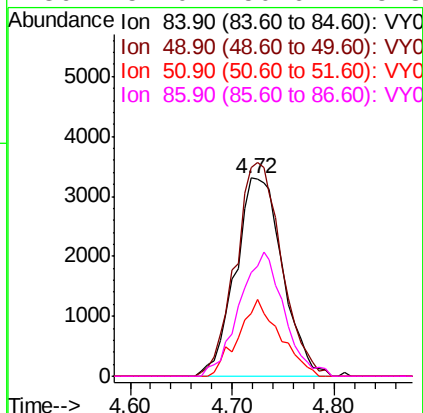
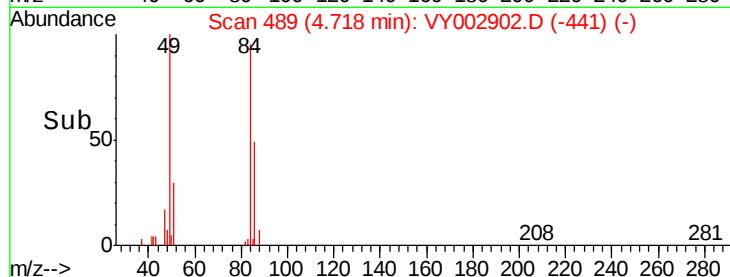
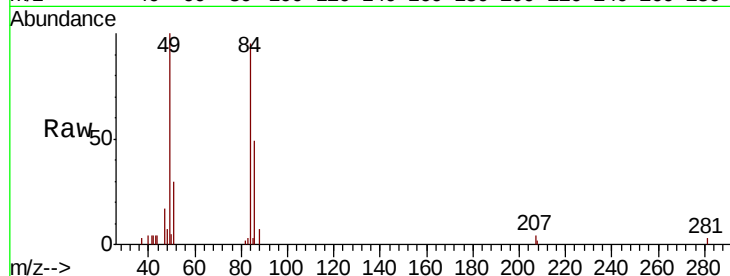




#20
Methvlene Chloride
Concen: 4.237 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002902.D
Acq: 16 Jun 2020 11:58

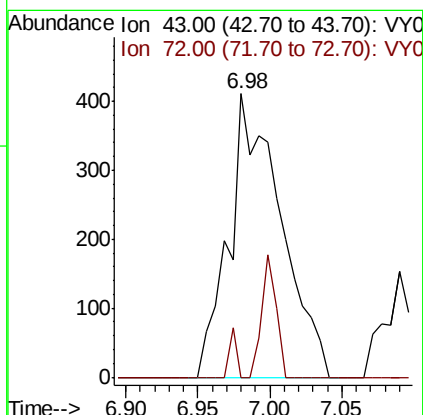
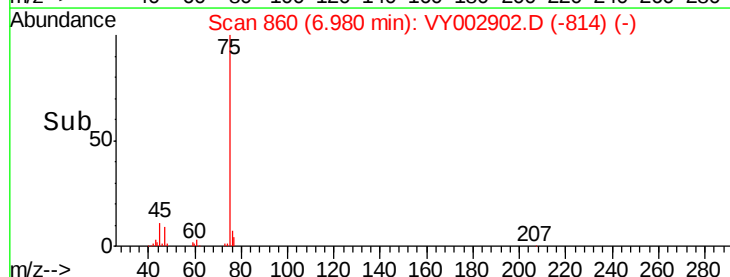
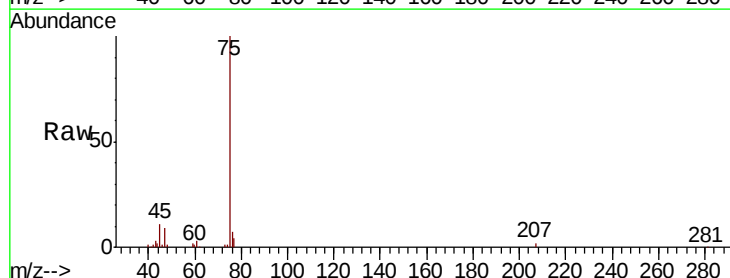
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

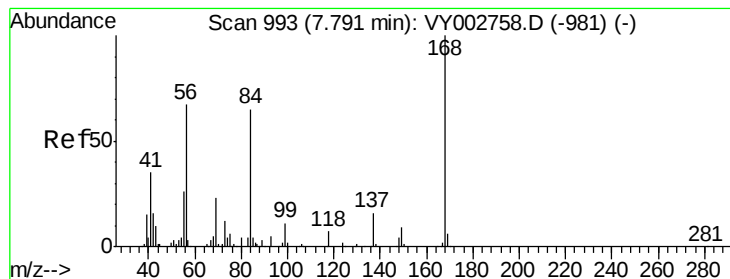
Tot Ion: 84 Resp: 10615
Ion Ratio Lower Upper
84 100
49 105.5 88.5 132.7
51 31.8 26.8 40.2
86 52.0 50.6 75.8



#25
2-Butanone
Concen: 1.284 ug/l
RT: 6.98 min Scan# 860
Delta R.T. -0.02 min
Lab File: VY002902.D
Acq: 16 Jun 2020 11:58

Tgt Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#





#31

Cyclohexane

Concen: 1.027 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002902.D

Acq: 16 Jun 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBL01

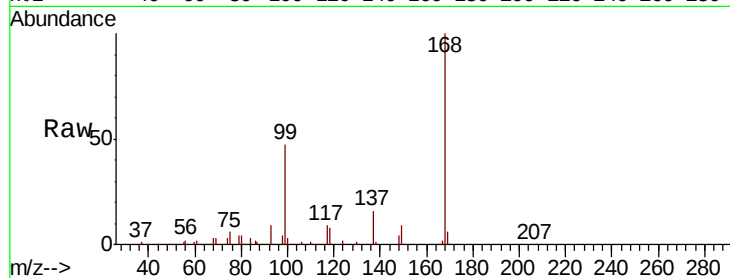
Tot Ion: 56 Resp: 3807

Ion Ratio Lower Upper

56 100

69 170.8 28.0 42.0#

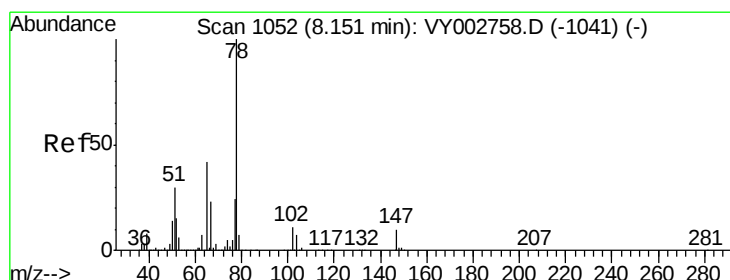
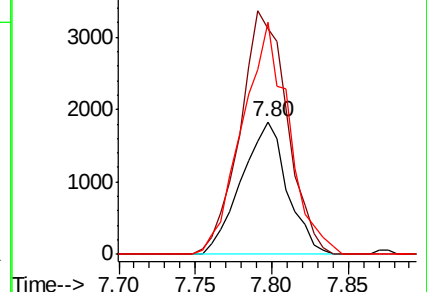
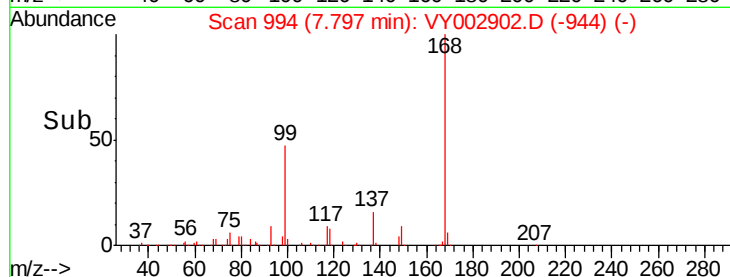
84 175.5 77.7 116.5#



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: 56.852 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002902.D

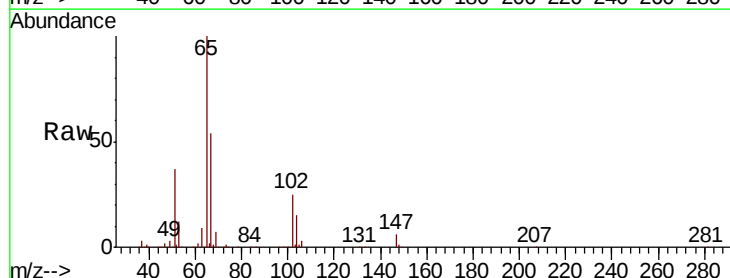
Acq: 16 Jun 2020 11:58

Tgt Ion: 65 Resp: 124306

Ion Ratio Lower Upper

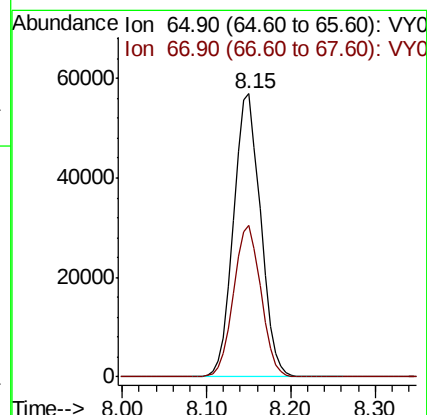
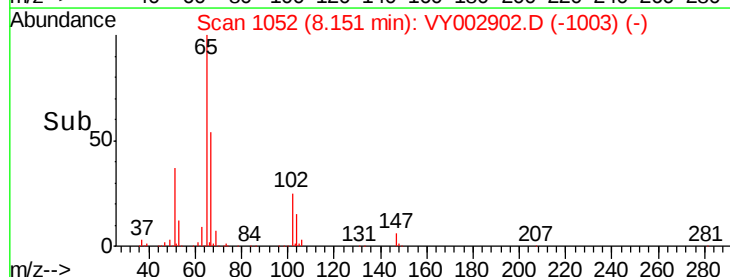
65 100

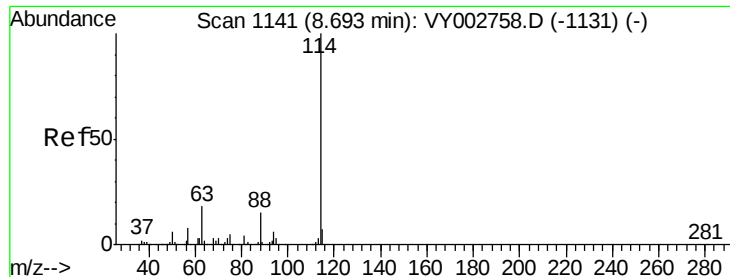
67 54.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

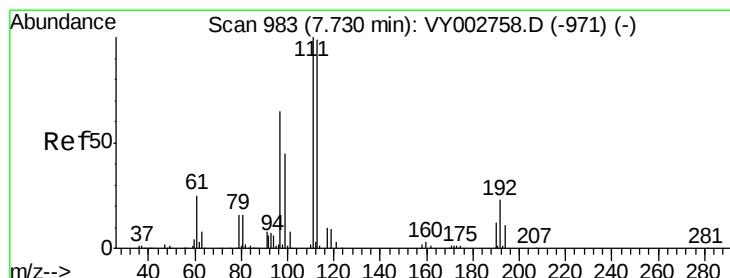
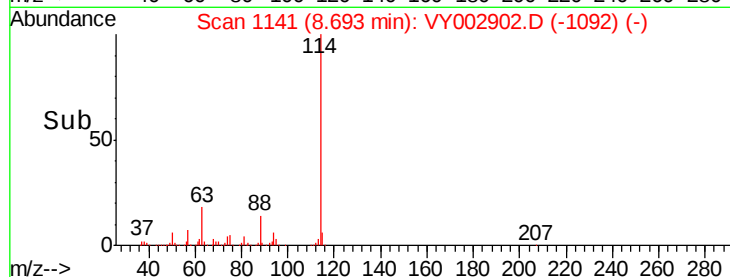
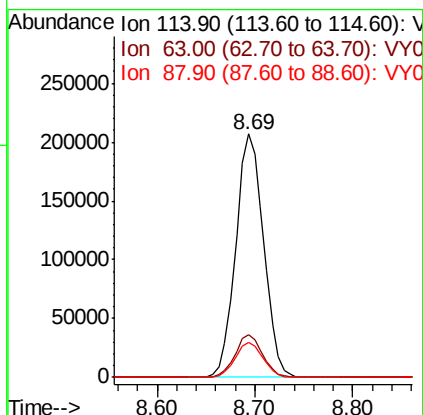
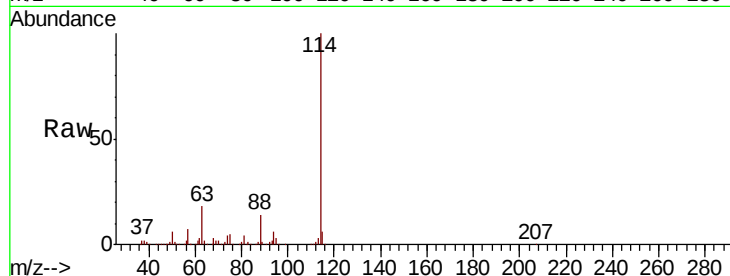




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002902.D
Acq: 16 Jun 2020 11:58

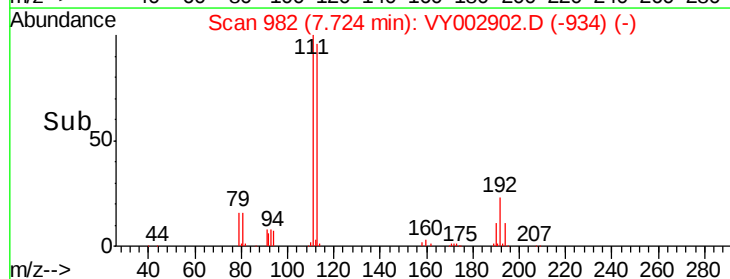
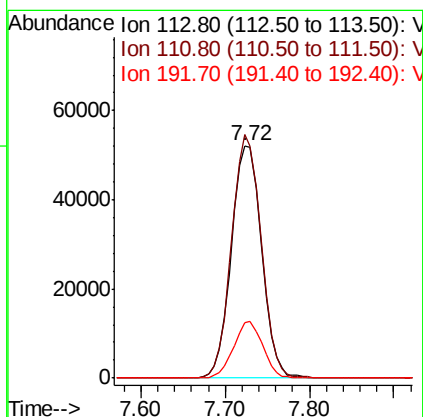
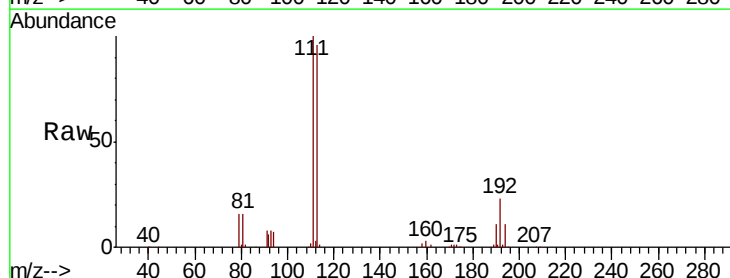
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

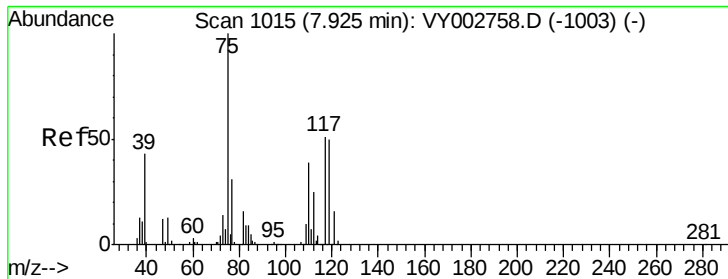
Tot Ion:114 Resp: 407341
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.3 0.0 29.2



#35
Dibromofluoromethane
Concen: 53.133 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002902.D
Acq: 16 Jun 2020 11:58

Tgt Ion:113 Resp: 126841
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 23.4 18.9 28.3

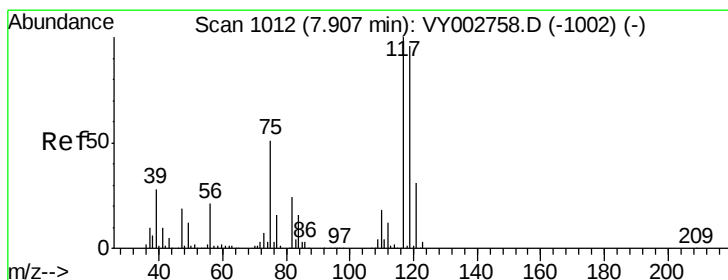
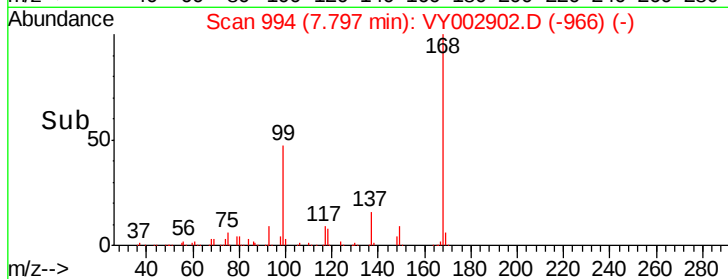
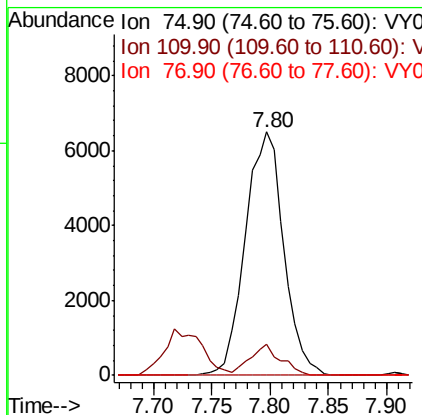
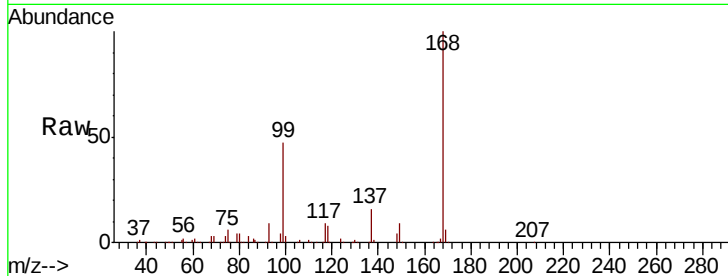




#36
 1,1-Dichloropropene
 Concen: 4.360 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002902.D
 Acq: 16 Jun 2020 11:58

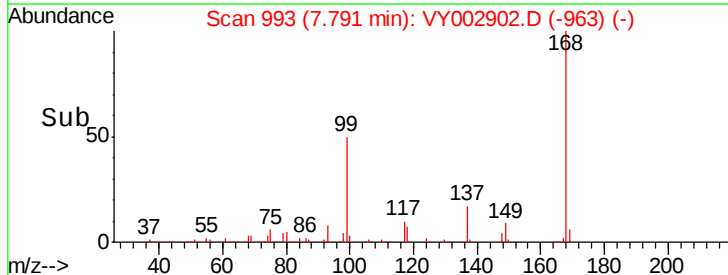
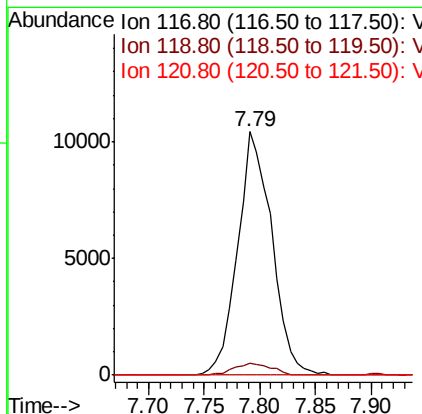
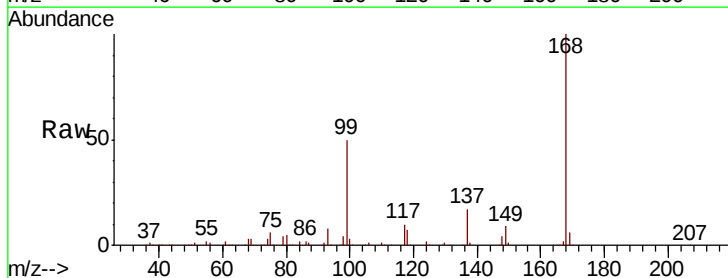
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBL01

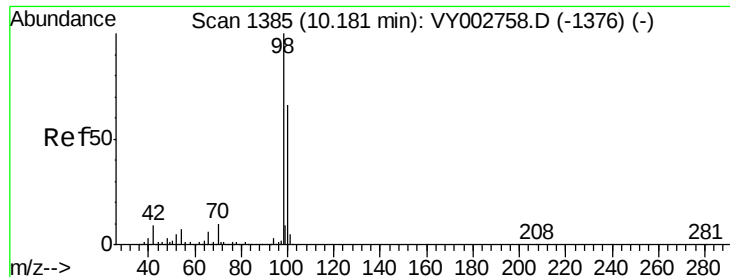
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.838 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY002902.D
 Acq: 16 Jun 2020 11:58

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





#50

Toluene-d8

Concen: 49.782 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002902.D

Acq: 16 Jun 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

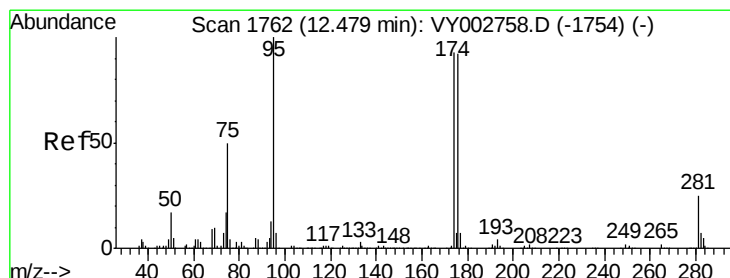
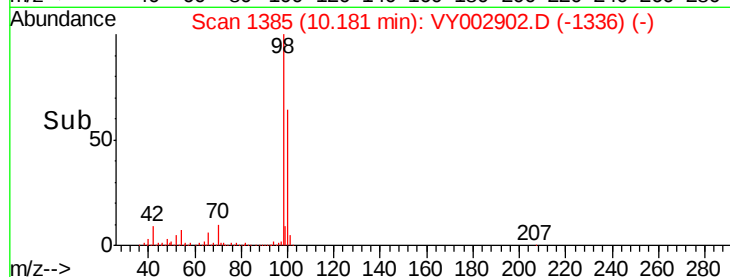
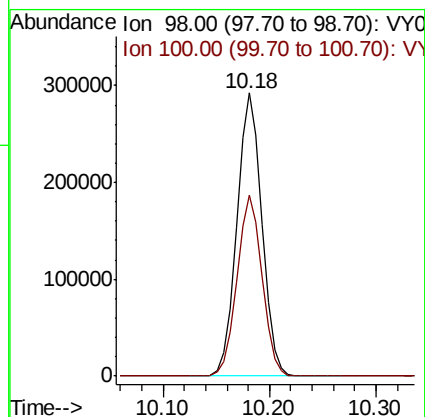
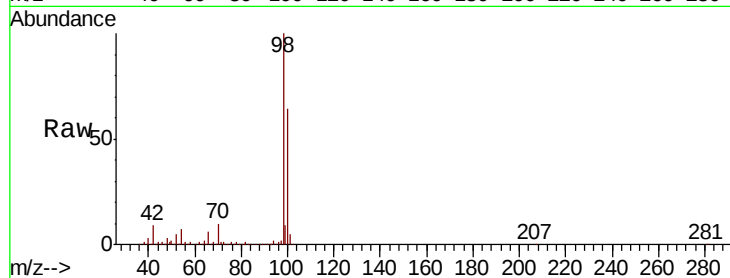
VY0616SBL01

Tot Ion: 98 Resp: 480500

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.214 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002902.D

Acq: 16 Jun 2020 11:58

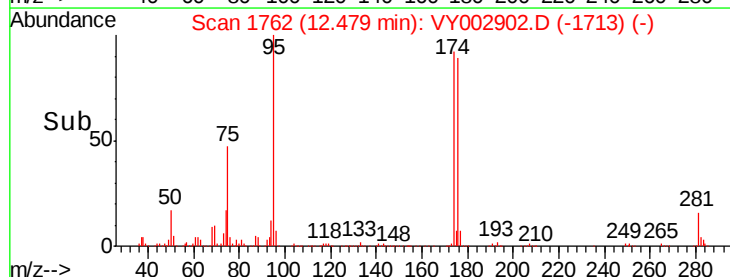
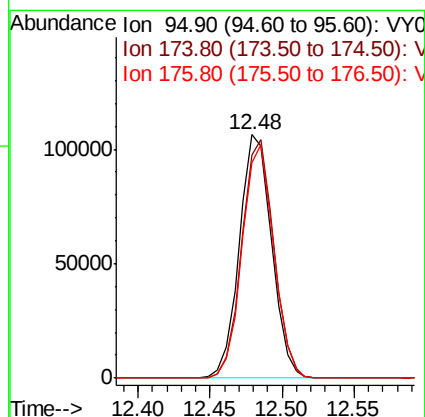
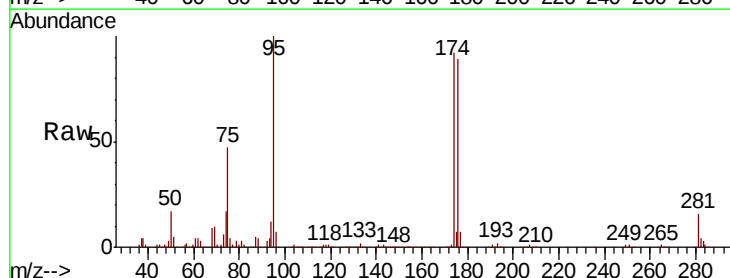
Tgt Ion: 95 Resp: 165638

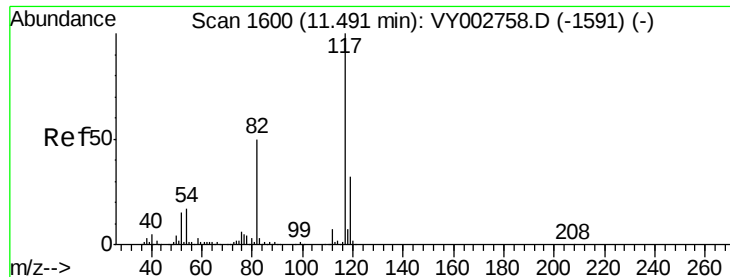
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.2

176 93.7 0.0 188.8

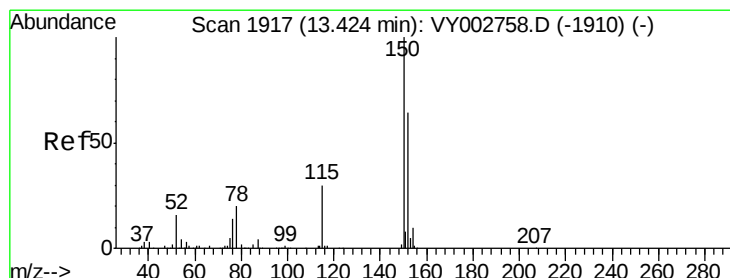
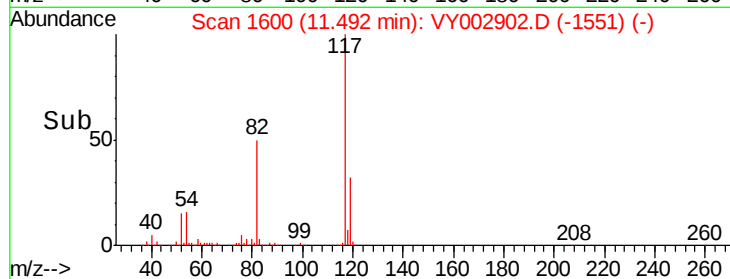
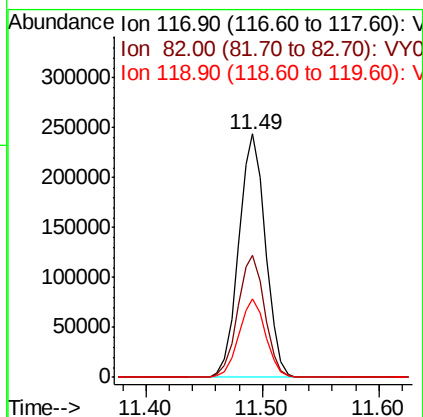
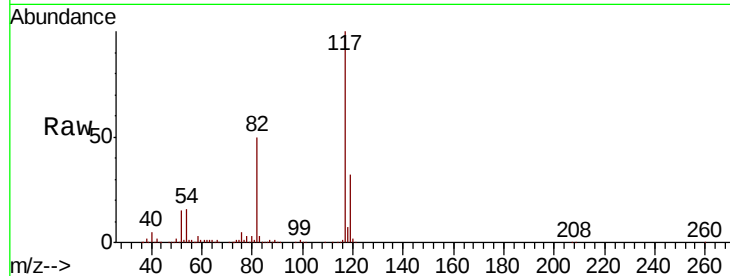




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002902.D
Acq: 16 Jun 2020 11:58

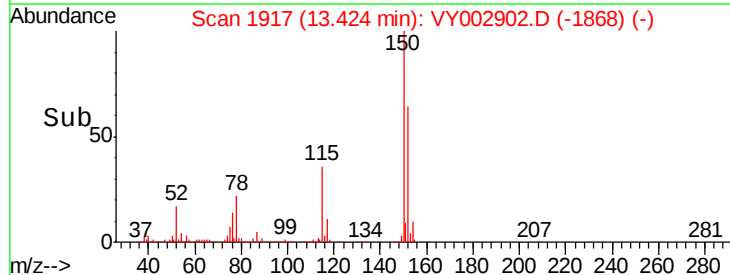
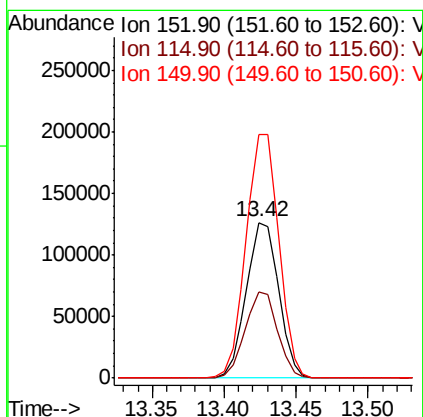
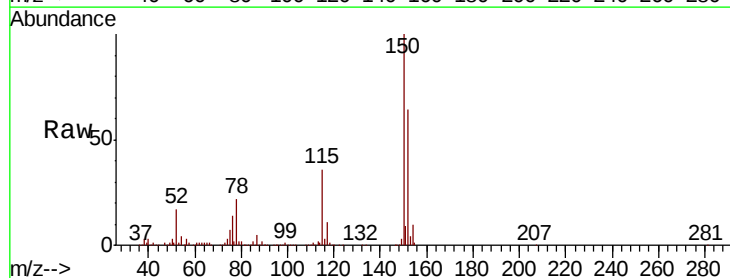
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

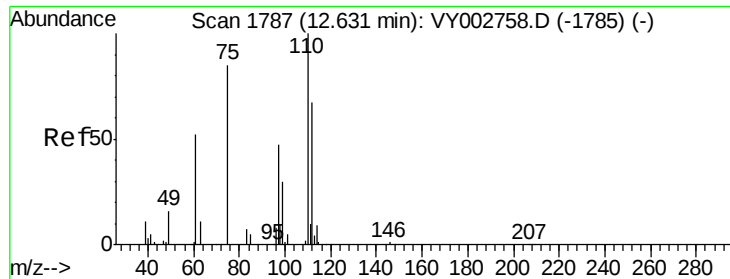
Tot Ion:117 Resp: 389218
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002902.D
Acq: 16 Jun 2020 11:58

Tgt Ion:152 Resp: 196556
Ion Ratio Lower Upper
152 100
115 54.9 27.0 81.0
150 158.7 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 44.870 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002902.D

Acq: 16 Jun 2020 11:58

Instrument :

MSVOA_Y

ClientSampleId :

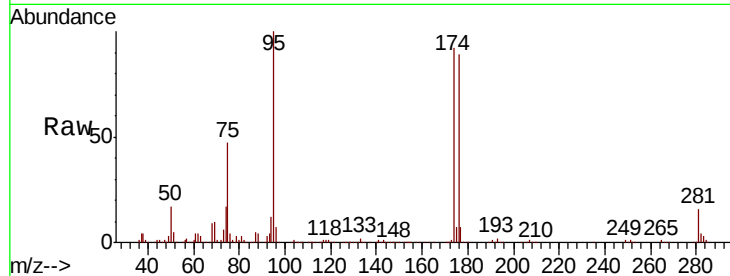
VY0616SBL01

Tot Ion: 75 Resp: 79470

Ion Ratio Lower Upper

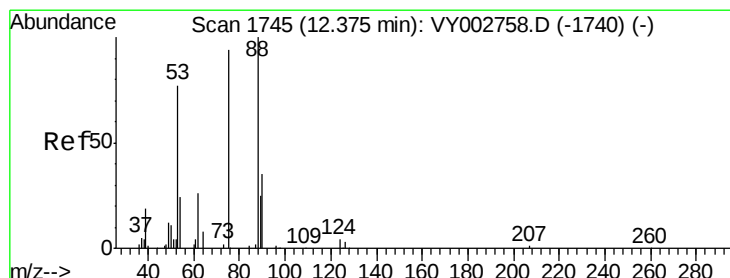
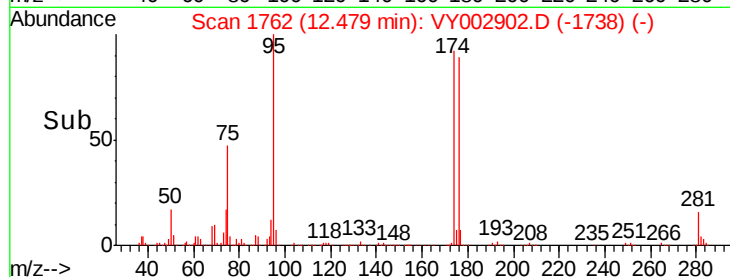
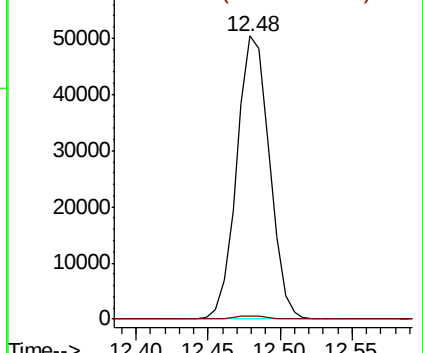
75 100

77 1.2 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: 84.536 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002902.D

Acq: 16 Jun 2020 11:58

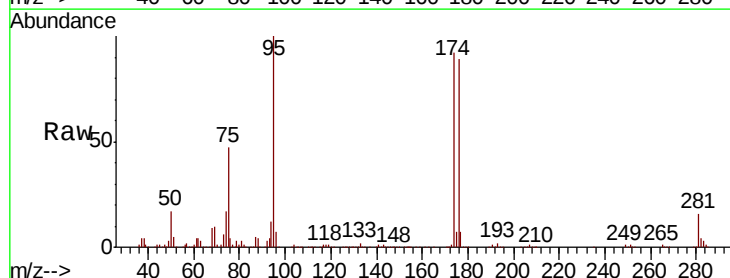
Tgt Ion: 75 Resp: 79470

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

