

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002914.D
 Acq On : 18 Jun 2020 12:40
 Operator : SY/MD
 Sample : VY0618SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBL01

Quant Time: Jun 19 04:59:52 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	289192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	423129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	128419	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.72	113	133021	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	10.18	98	501208	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.48	95	179409	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

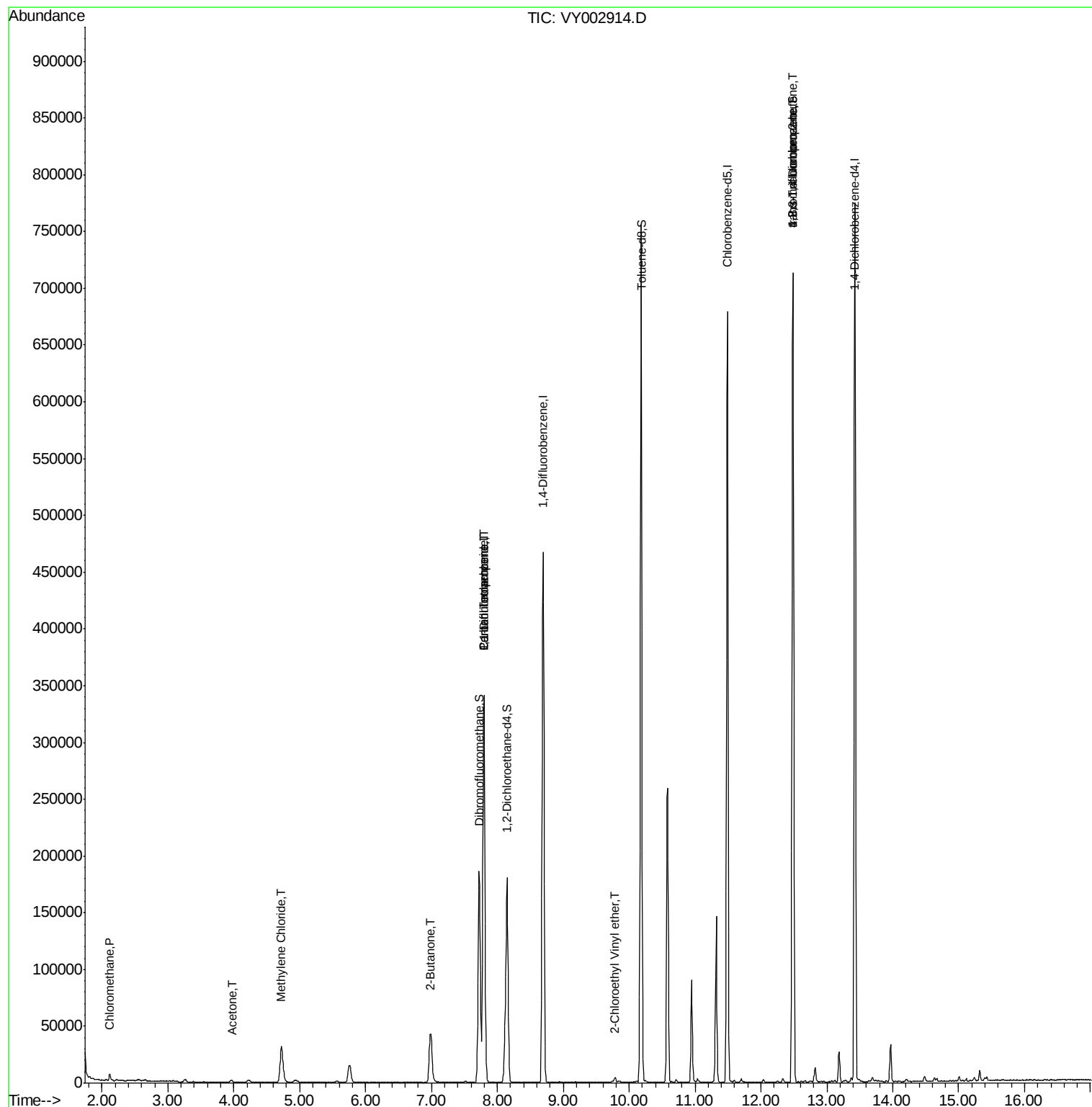
					Qvalue
3) Chloromethane	2.12	50	5705	2.592 ug/l	96
11) Tert butyl alcohol	4.94	59	2916	Below Cal #	74
16) Acetone	3.96	43	3565	6.055 ug/l #	88
18) Methyl Acetate	4.48	43	19	Below Cal #	48
20) Methylene Chloride	4.72	84	25821	8.974 ug/l	95
25) 2-Butanone	6.99	43	2183	2.380 ug/l #	77
36) 1,1-Dichloropropene	7.79	75	17575	4.931 ug/l #	50
38) Carbon Tetrachloride	7.80	117	25335	6.398 ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.78	63	2029	1.350 ug/l	95
76) 1,2,3-Trichloropropane	12.48	75	86826	45.593 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86826	85.896 ug/l #	17

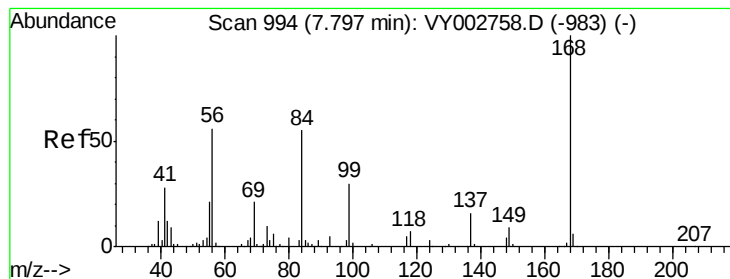
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
Data File : VY002914.D
Acq On : 18 Jun 2020 12:40
Operator : SY/MD
Sample : VY0618SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBL01

Quant Time: Jun 19 04:59:52 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: VY002914.D

Acq: 18 Jun 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

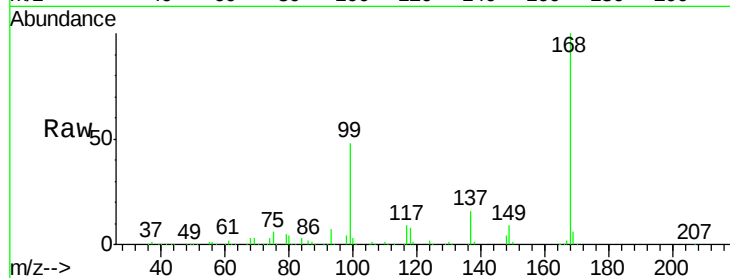
VY0618SBL01

Tot Ion:168 Resp: 289192

Ion Ratio Lower Upper

168 100

99 47.6 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

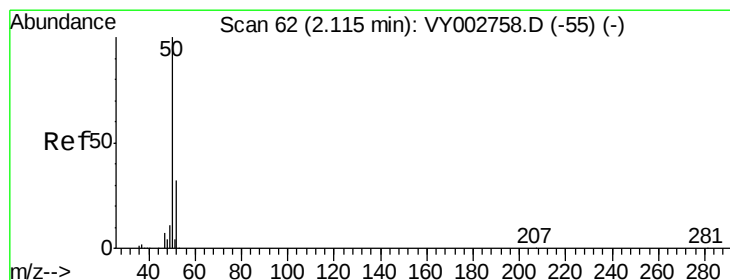
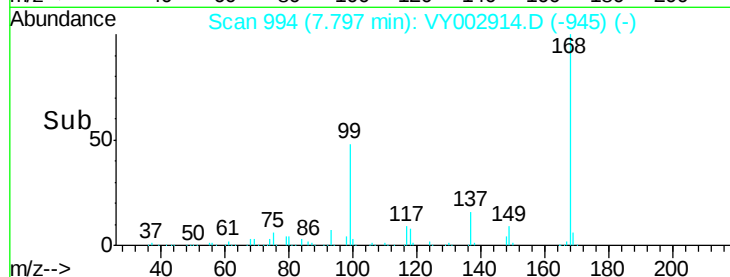
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.592 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002914.D

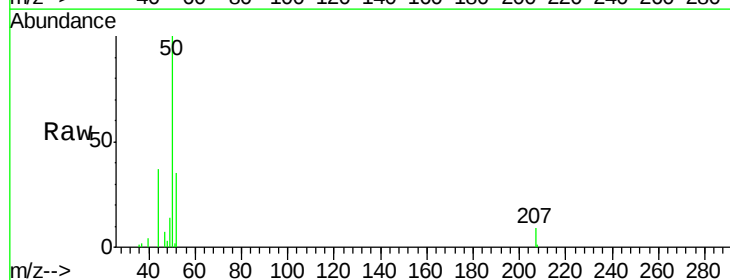
Acq: 18 Jun 2020 12:40

Tgt Ion: 50 Resp: 5705

Ion Ratio Lower Upper

50 100

52 34.6 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

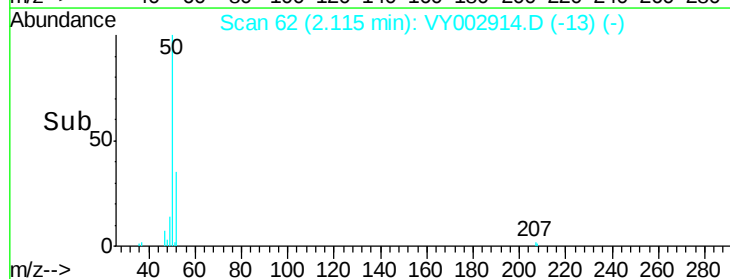
3000

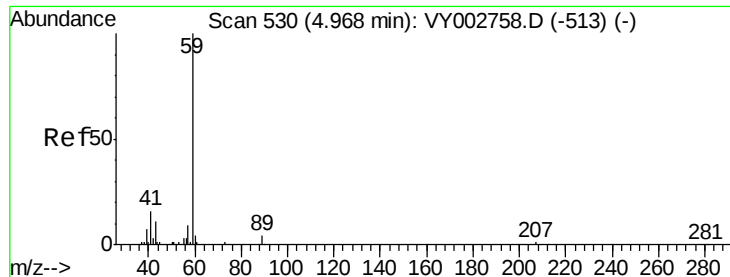
2000

1000

0

Time-->



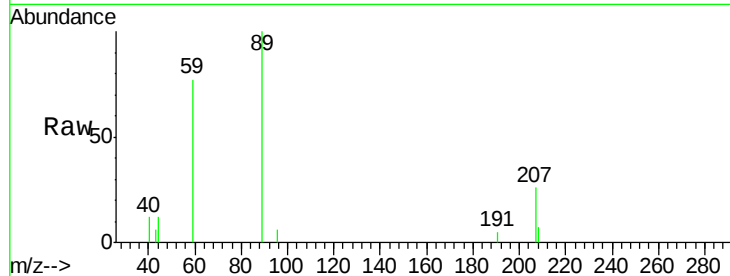


#11

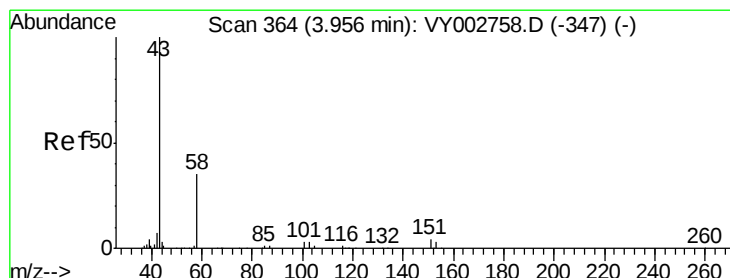
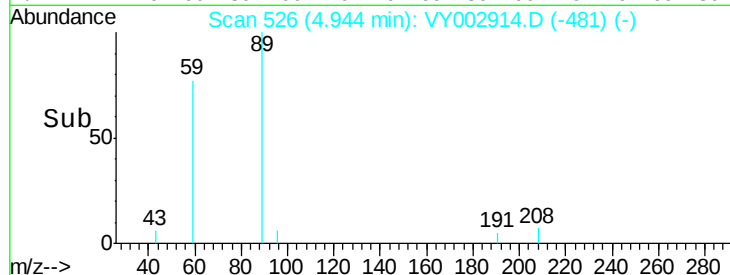
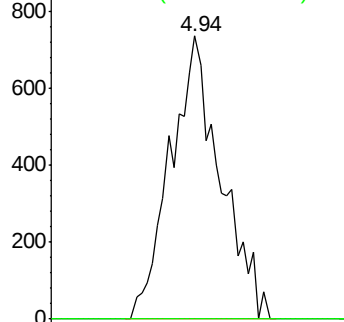
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.94 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: VY002914.D
 Acq: 18 Jun 2020 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBL01

Tot Ion: 59 Resp: 2916
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#



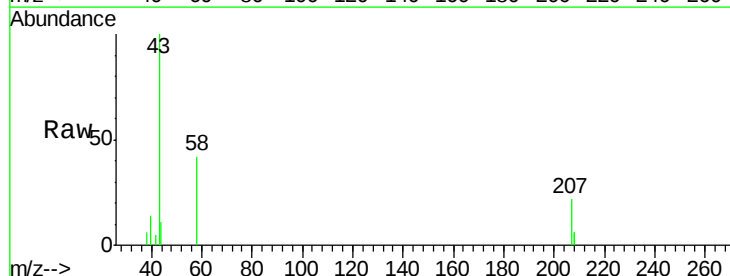
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



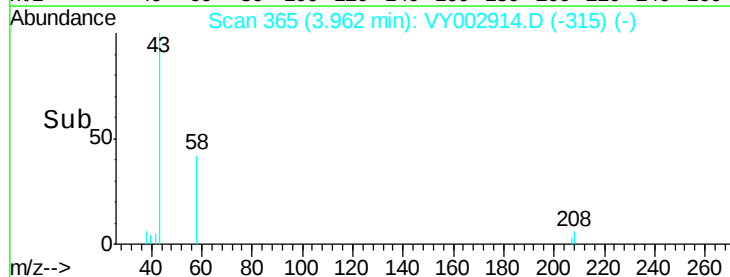
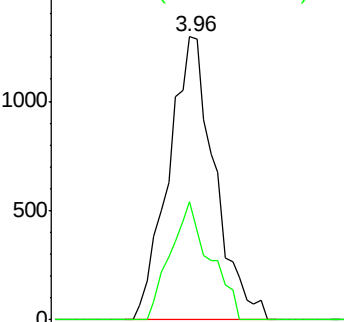
#16

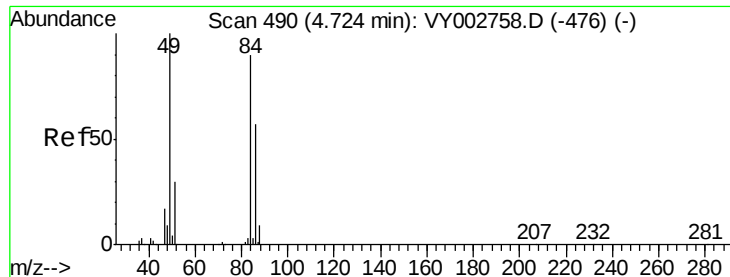
Acetone
 Concen: 6.055 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY002914.D
 Acq: 18 Jun 2020 12:40

Tgt Ion: 43 Resp: 3565
 Ion Ratio Lower Upper
 43 100
 58 41.8 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

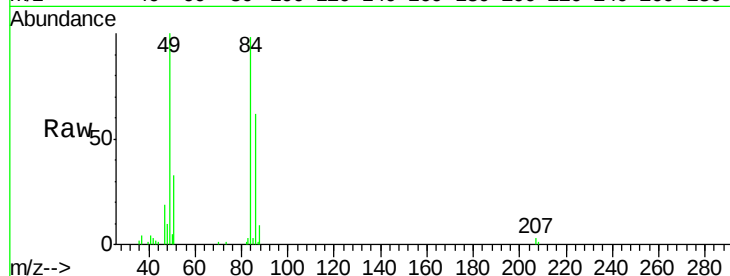




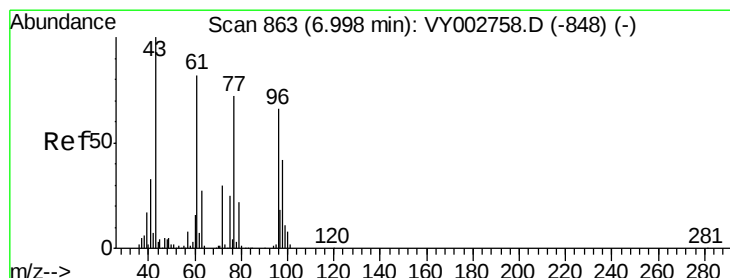
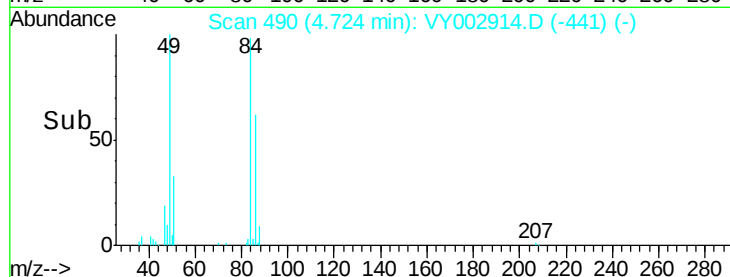
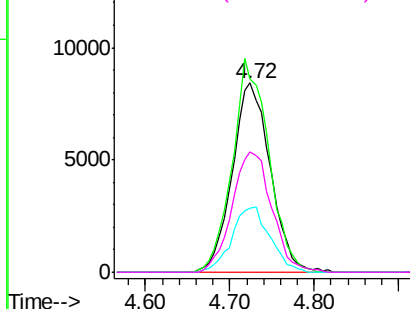
#20
Methvlene Chloride
Concen: 8.974 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002914.D
Acq: 18 Jun 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBL01

Tot Ion: 84 Resp: 25821
Ion Ratio Lower Upper
84 100
49 102.1 88.5 132.7
51 33.9 26.8 40.2
86 63.6 50.6 75.8

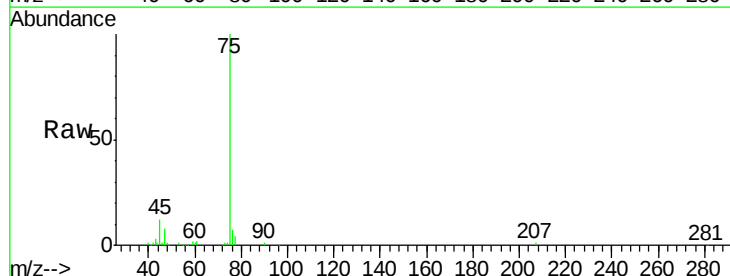


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

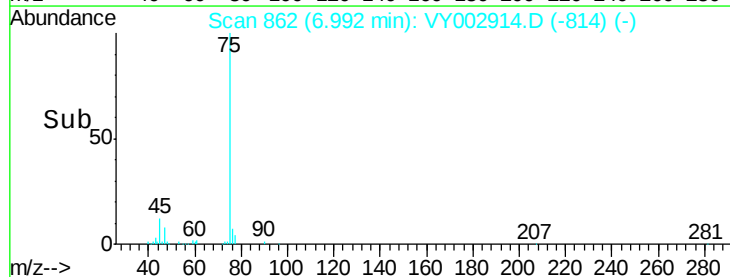
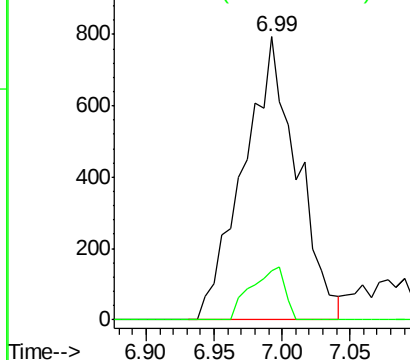


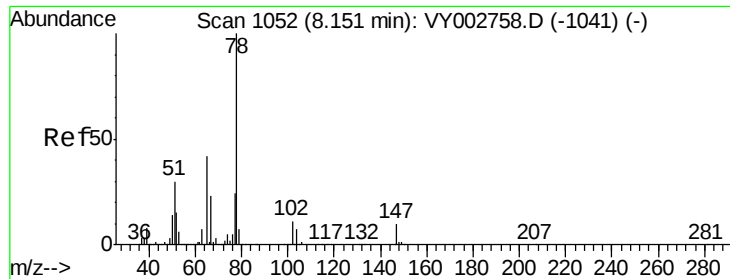
#25
2-Butanone
Concen: 2.380 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002914.D
Acq: 18 Jun 2020 12:40

Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
72 17.5 23.9 35.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

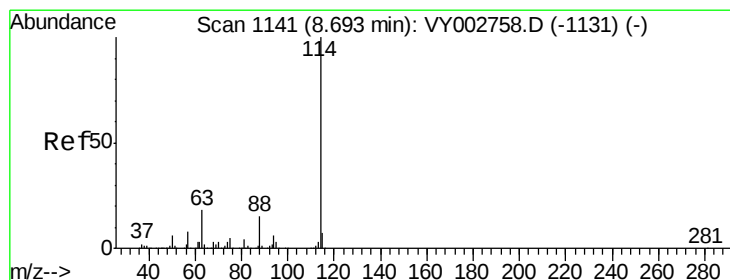
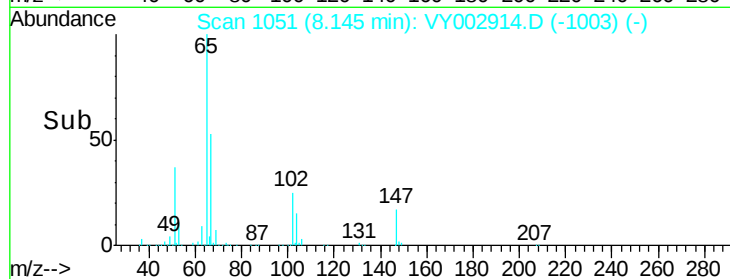
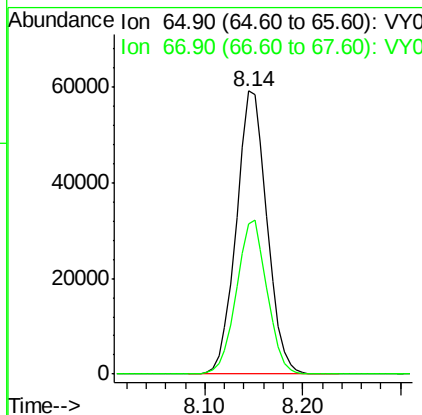
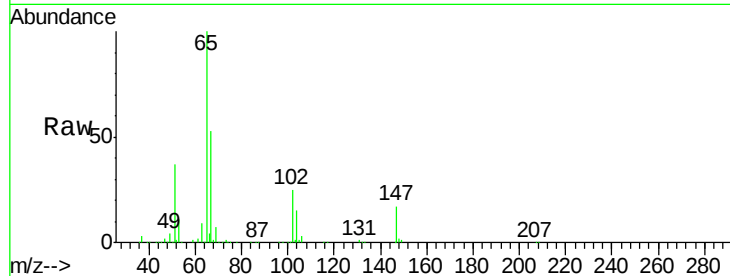




#33
 1,2-Dichloroethane-d4
 Concen: 51.143 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002914.D
 Acq: 18 Jun 2020 12:40

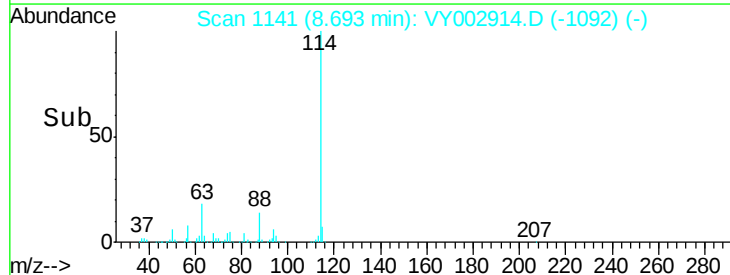
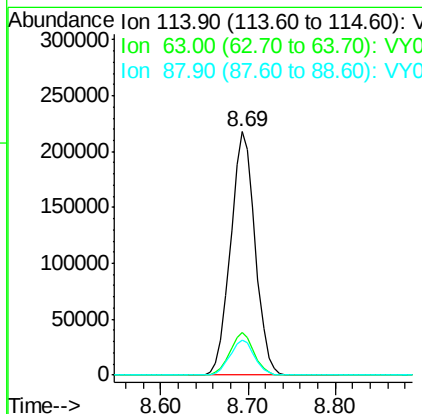
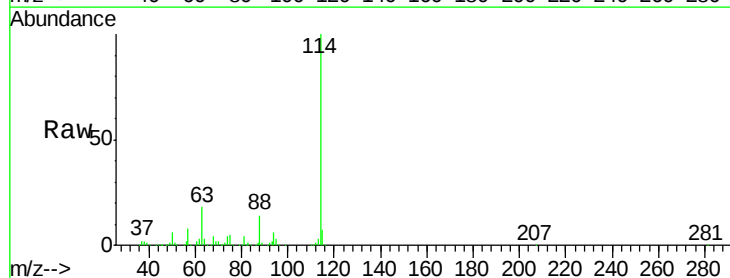
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBL01

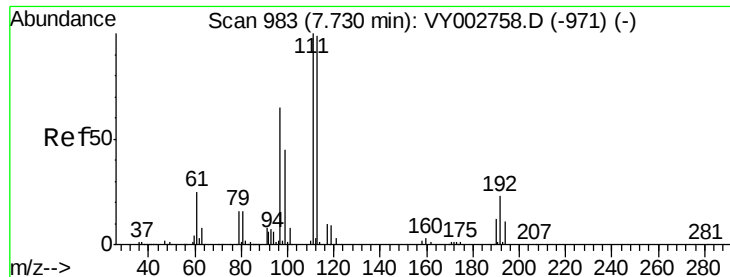
Tot Ion: 65 Resp: 128419
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002914.D
 Acq: 18 Jun 2020 12:40

Tgt Ion: 114 Resp: 423129
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.4 0.0 29.2

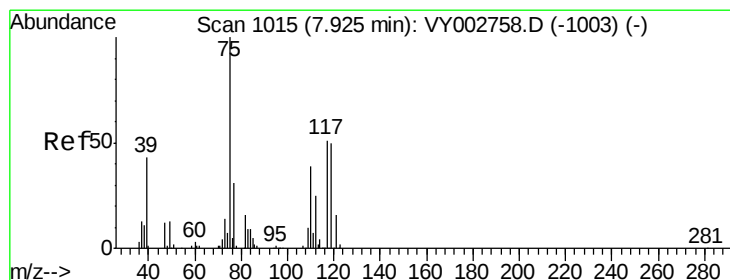
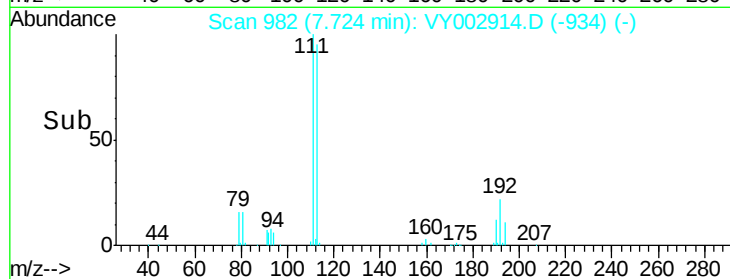
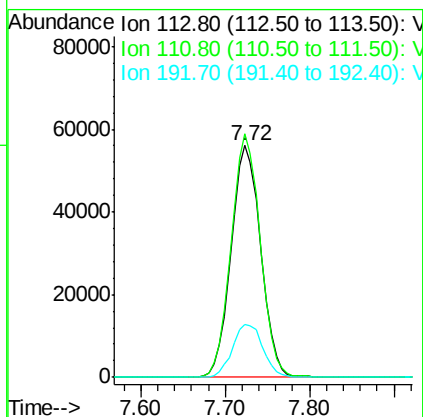
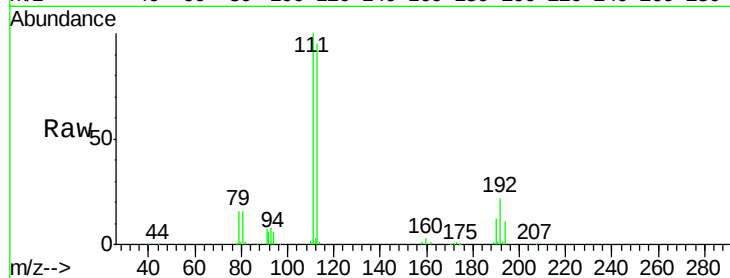




#35
 Dibromofluoromethane
 Concen: 53.643 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002914.D
 Acq: 18 Jun 2020 12:40

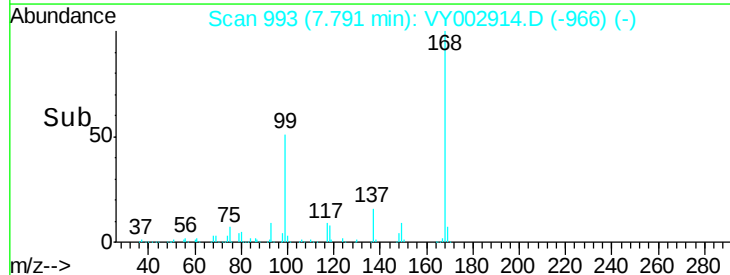
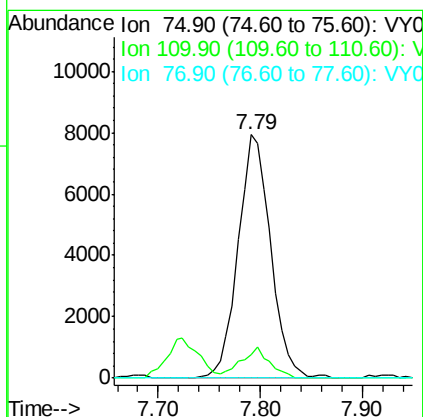
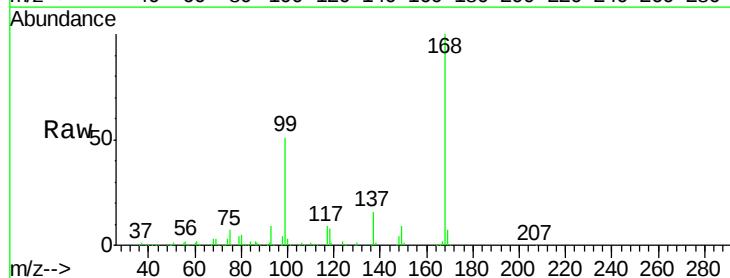
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBL01

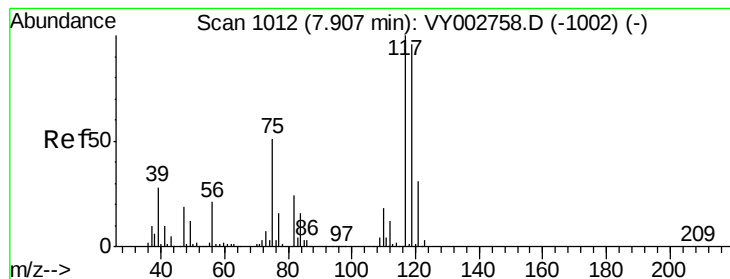
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.4	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.931 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002914.D
 Acq: 18 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.0	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.398 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002914.D

Acq: 18 Jun 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBL01

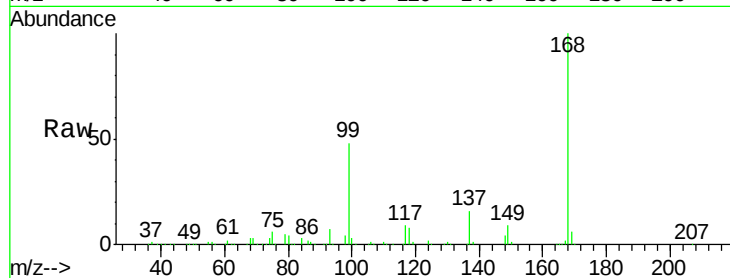
Tot Ion:117 Resp: 25335

Ion Ratio Lower Upper

117 100

119 6.4 76.8 115.2#

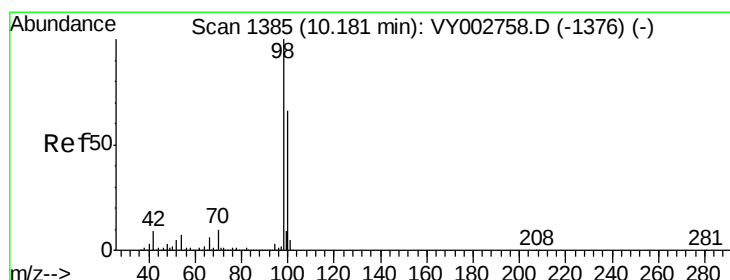
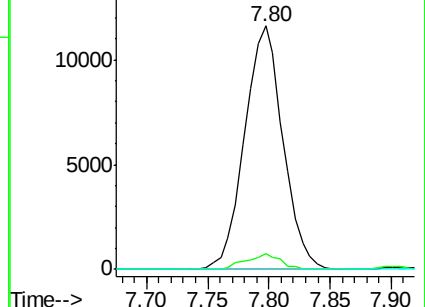
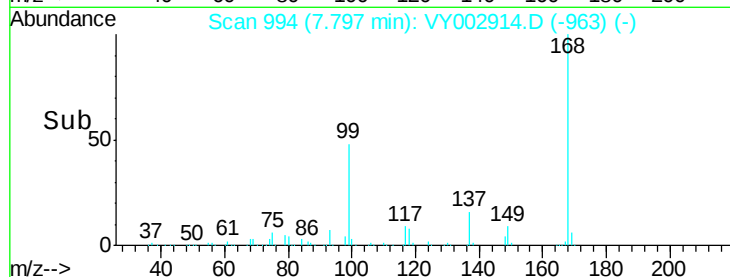
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.989 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002914.D

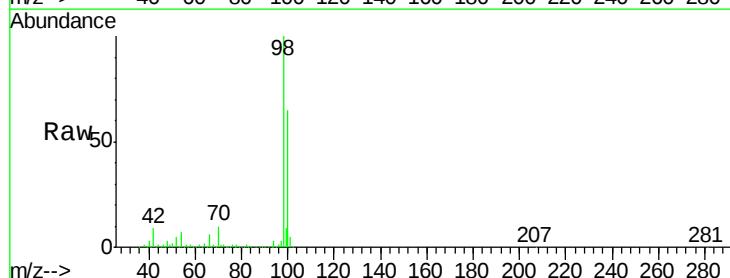
Acq: 18 Jun 2020 12:40

Tgt Ion: 98 Resp: 501208

Ion Ratio Lower Upper

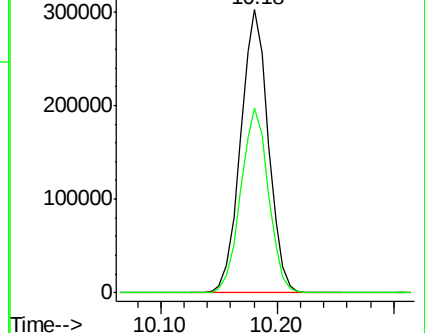
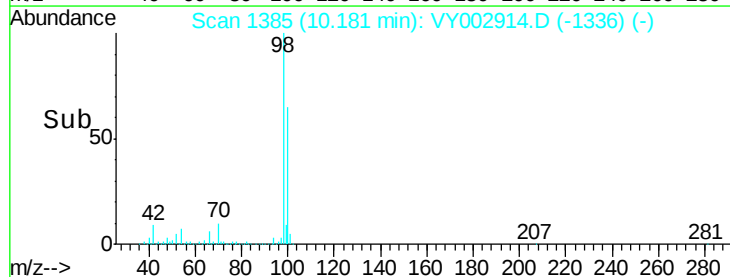
98 100

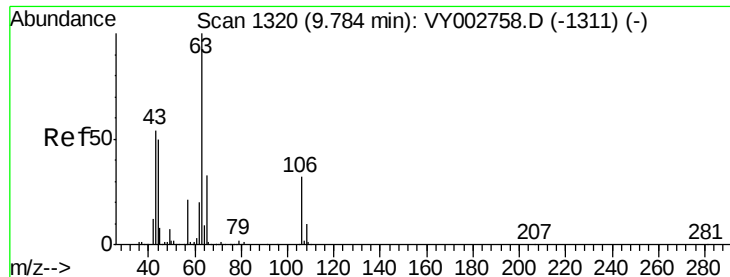
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

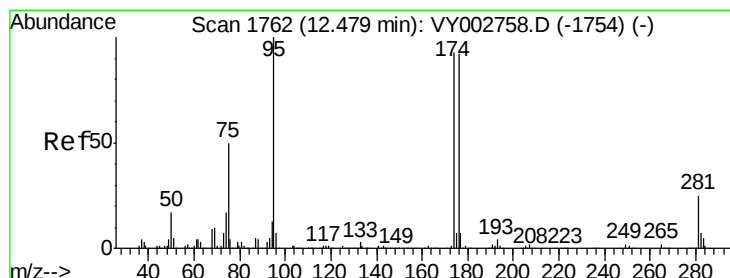
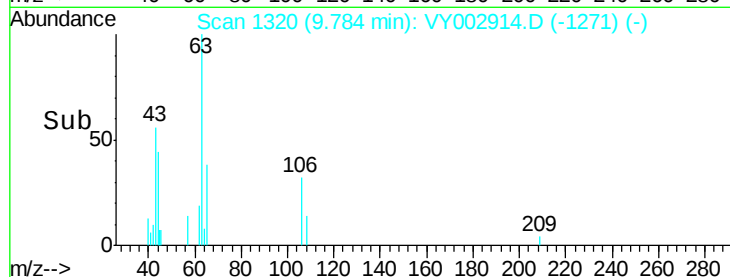
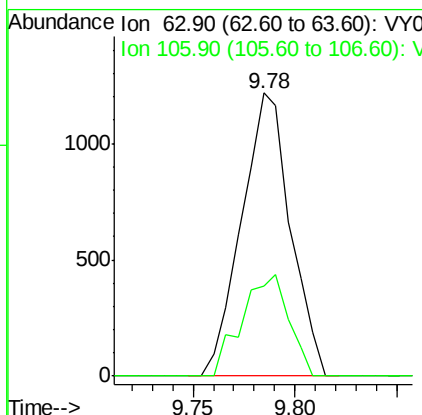
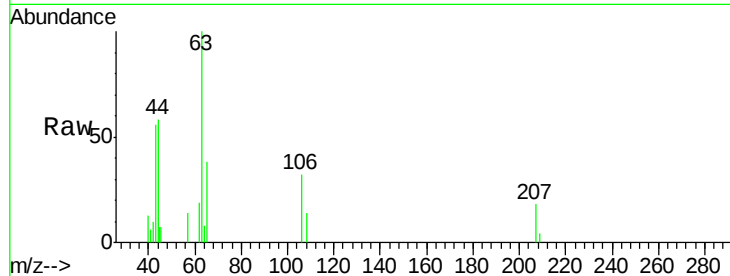




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.350 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002914.D
 Acq: 18 Jun 2020 12:40

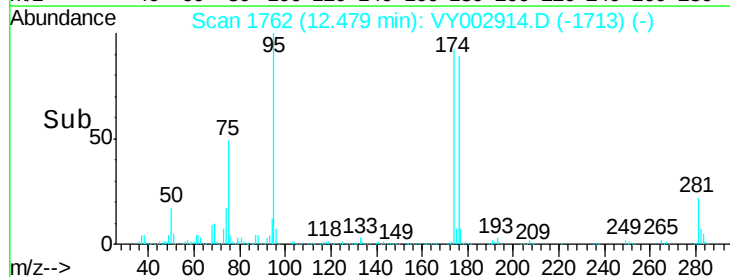
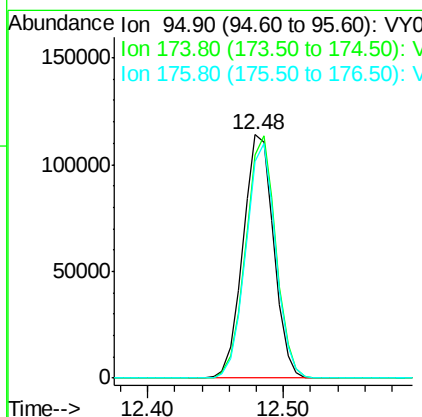
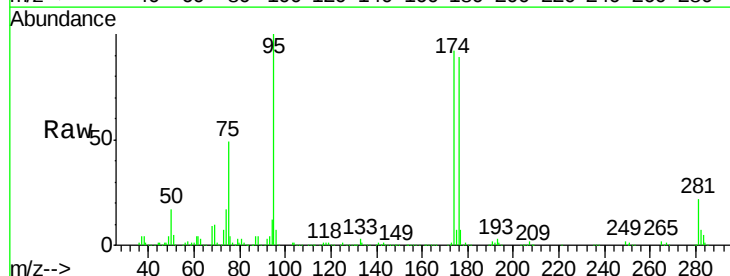
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBL01

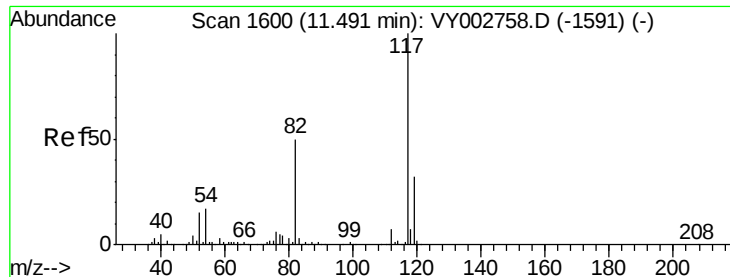
Tot Ion: 63 Resp: 2029
 Ion Ratio Lower Upper
 63 100
 106 34.5 25.4 38.2



#62
 4-Bromofluorobenzene
 Concen: 52.359 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002914.D
 Acq: 18 Jun 2020 12:40

Tgt Ion: 95 Resp: 179409
 Ion Ratio Lower Upper
 95 100
 174 97.6 0.0 191.2
 176 93.9 0.0 188.8

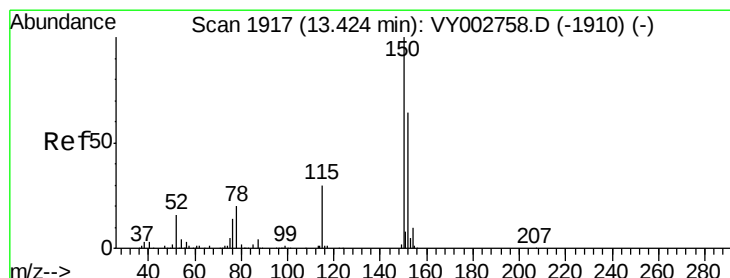
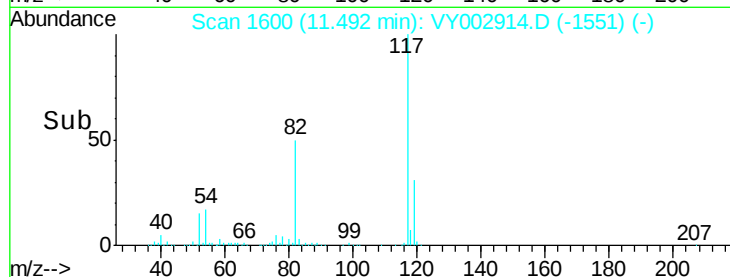
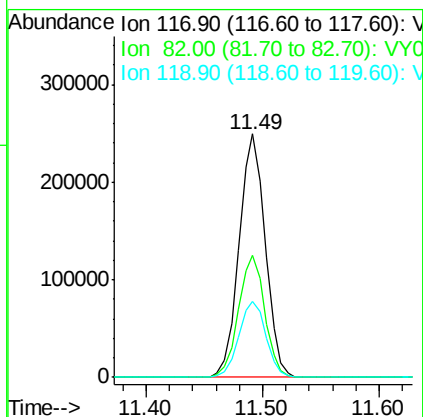
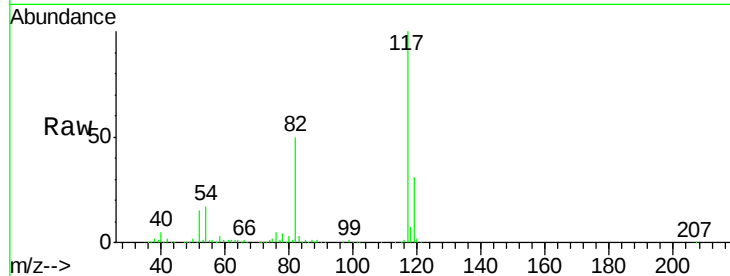




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002914.D
Acq: 18 Jun 2020 12:40

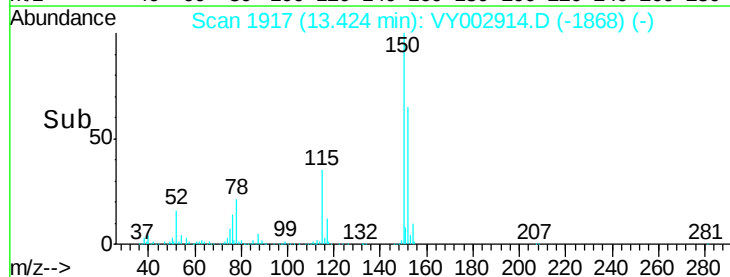
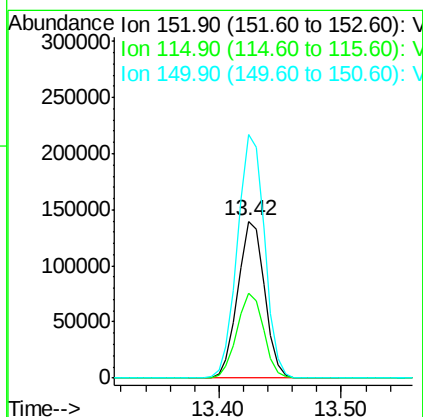
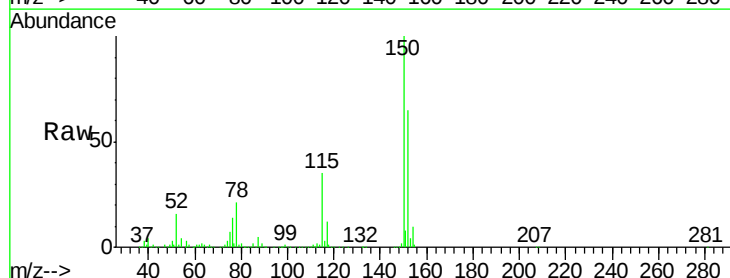
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBL01

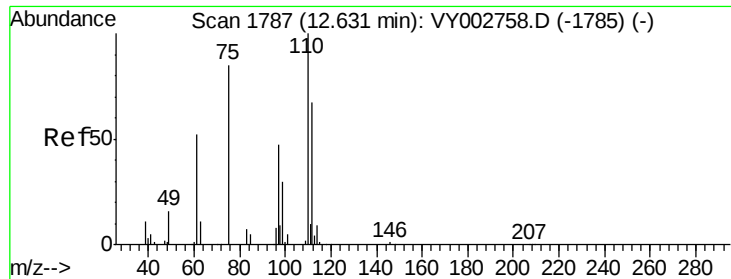
Tot Ion:117 Resp: 390550
Ion Ratio Lower Upper
117 100
82 50.0 40.2 60.4
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002914.D
Acq: 18 Jun 2020 12:40

Tgt Ion:152 Resp: 211348
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 157.8 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 45.593 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002914.D

Acq: 18 Jun 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

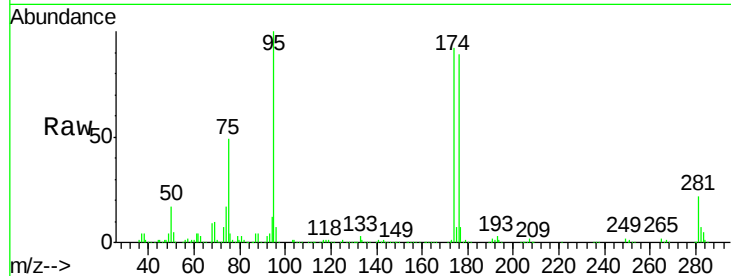
VY0618SBL01

Tot Ion: 75 Resp: 86826

Ion Ratio Lower Upper

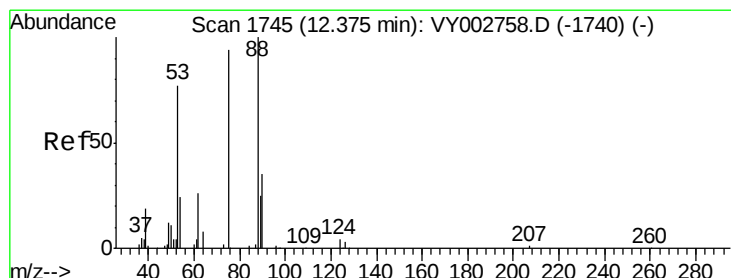
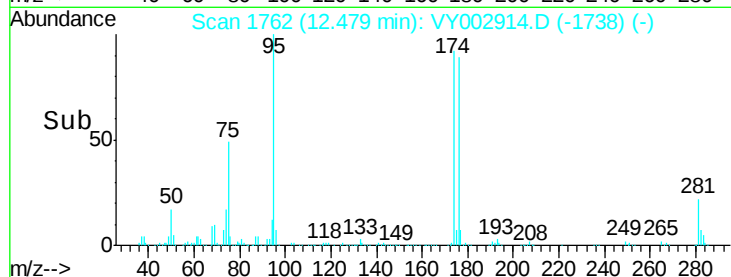
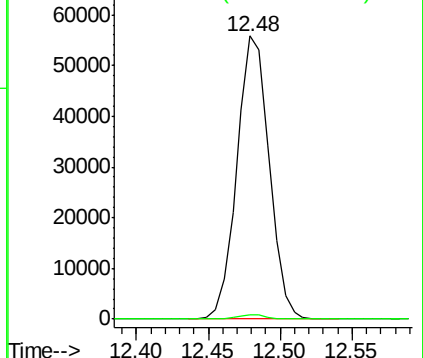
75 100

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: 85.896 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002914.D

Acq: 18 Jun 2020 12:40

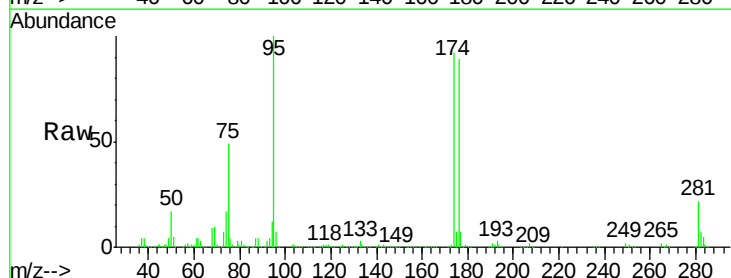
Tgt Ion: 75 Resp: 86826

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.7 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

