

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003208.D
 Acq On : 16 Jul 2020 14:45
 Operator : SY/MD
 Sample : L3187-05
 Misc : 7.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

Quant Time: Jul 17 05:20:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	359835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	541783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	476932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221069	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	194278	63.97	ug/l	0.00
Spiked Amount			Recovery	=	127.94%	
35) Dibromofluoromethane	7.72	113	180947	58.04	ug/l	0.00
Spiked Amount			Recovery	=	116.08%	
50) Toluene-d8	10.18	98	693072	59.79	ug/l	0.00
Spiked Amount			Recovery	=	119.58%	
62) 4-Bromofluorobenzene	12.48	95	216698	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	

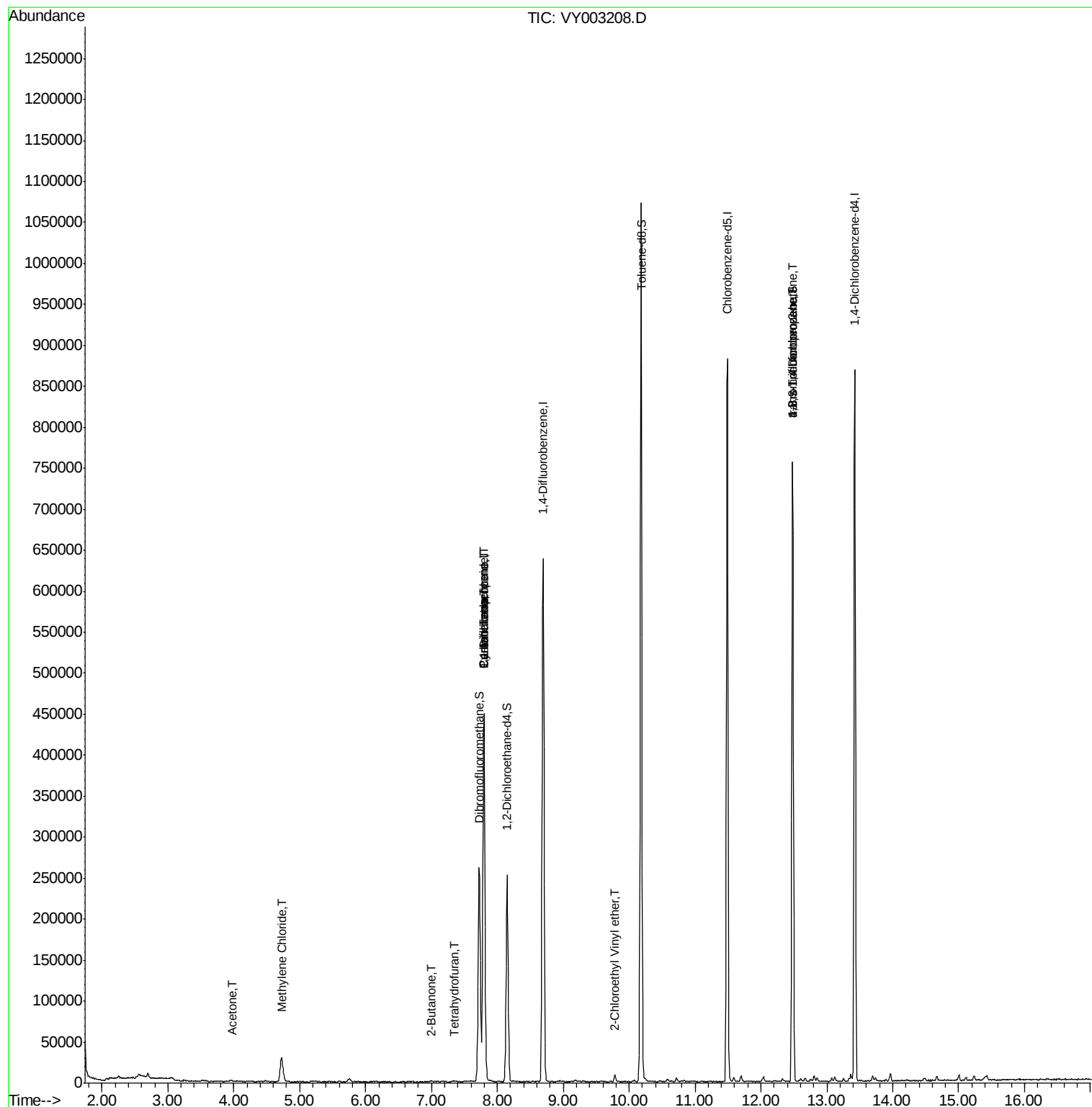
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	3171	4.674	ug/l	91
20) Methylene Chloride	4.72	84	22517	1.237	ug/l	95
25) 2-Butanone	6.99	43	1186	1.065	ug/l	96
29) Tetrahydrofuran	7.35	42	930	1.243	ug/l #	73
31) Cyclohexane	7.79	56	7491	1.356	ug/l #	5
36) 1,1-Dichloropropene	7.80	75	25546	5.202	ug/l #	49
38) Carbon Tetrachloride	7.80	117	33188	6.547	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.78	63	3381	1.684	ug/l	98
76) 1,2,3-Trichloropropane	12.48	75	113797	58.153	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	113797	113.178	ug/l #	13

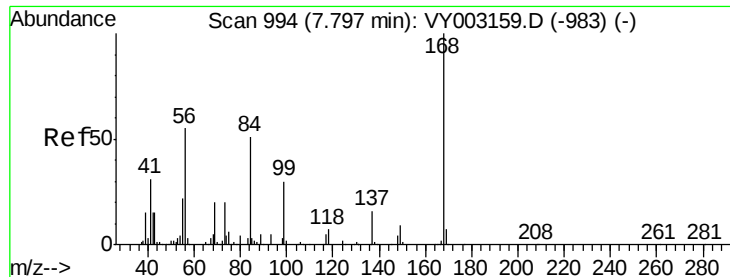
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
Data File : VY003208.D
Acq On : 16 Jul 2020 14:45
Operator : SY/MD
Sample : L3187-05
Misc : 7.13G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-071420

Quant Time: Jul 17 05:20:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003208.D

Acq: 16 Jul 2020 14:45

Instrument :

MSVOA_Y

ClientSampleId :

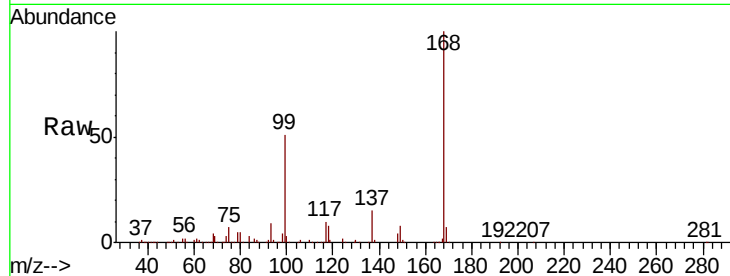
SU-03-071420

Tot Ion:168 Resp: 359835

Ion Ratio Lower Upper

168 100

99 51.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

150000

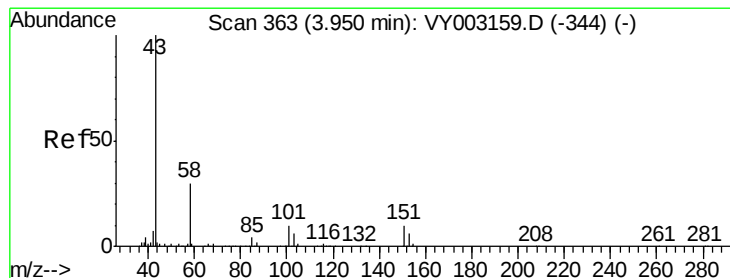
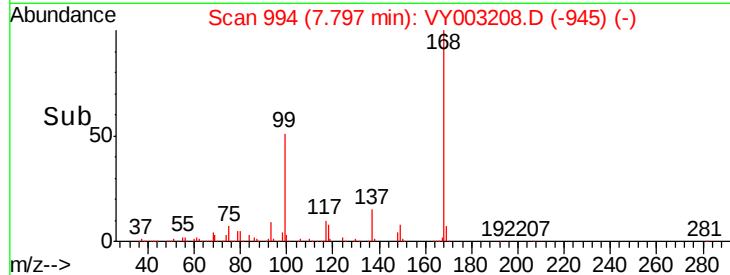
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 4.674 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003208.D

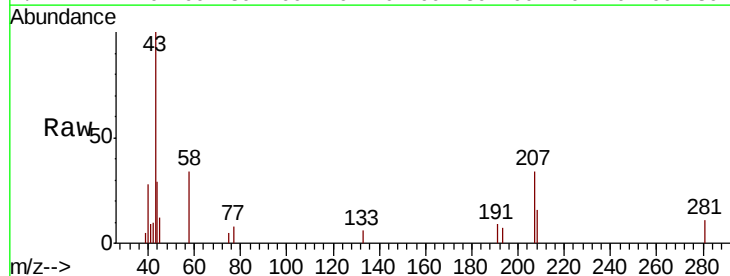
Acq: 16 Jul 2020 14:45

Tgt Ion: 43 Resp: 3171

Ion Ratio Lower Upper

43 100

58 34.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

1200

1000

800

600

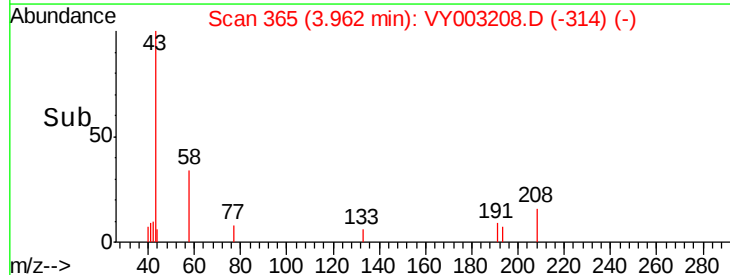
400

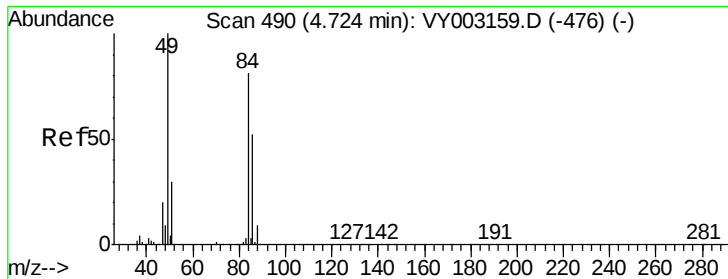
200

0

3.90 4.00

Time-->

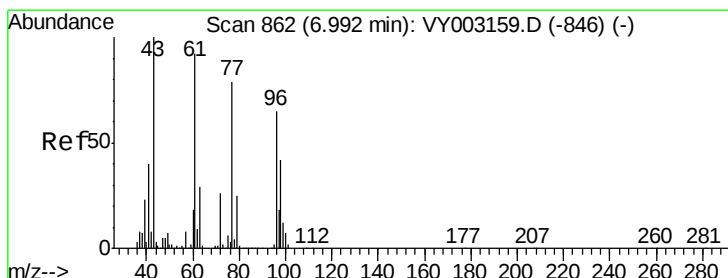
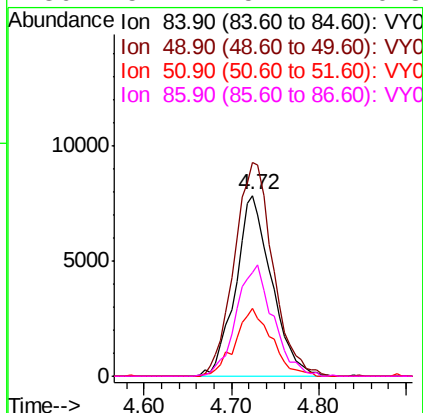
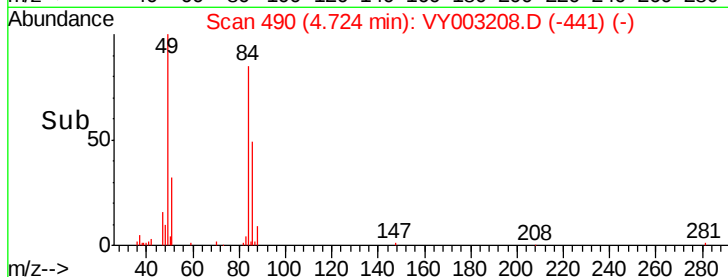
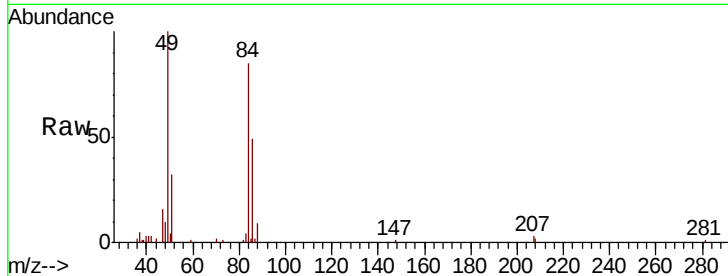




#20
Methvlene Chloride
Concen: 1.237 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003208.D
Acq: 16 Jul 2020 14:45

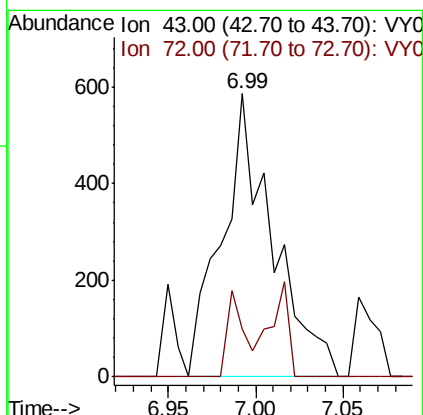
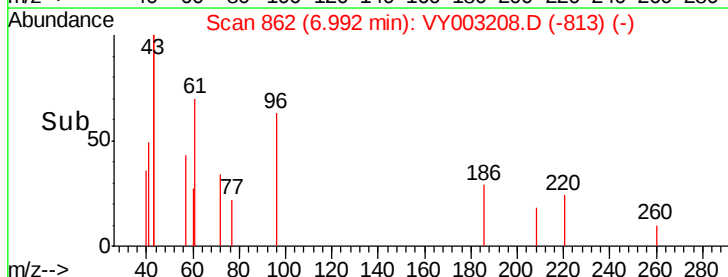
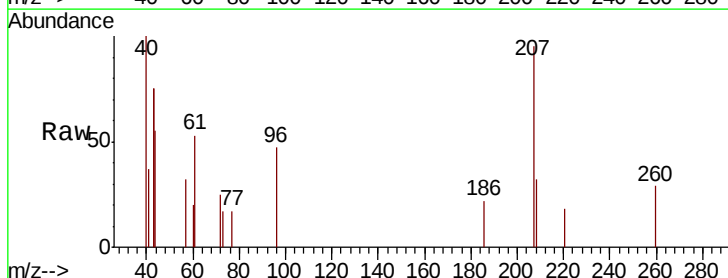
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-071420

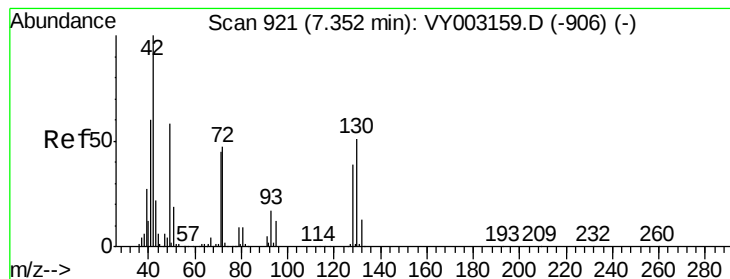
Tot Ion:	84	Resp:	22517
Ion	Ratio	Lower	Upper
84	100		
49	118.2	98.2	147.4
51	37.4	29.8	44.6
86	57.4	51.2	76.8



#25
2-Butanone
Concen: 1.065 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003208.D
Acq: 16 Jul 2020 14:45

Tgt Ion:	43	Resp:	1186
Ion	Ratio	Lower	Upper
43	100		
72	28.3	20.9	31.3





#29

Tetrahydrofuran

Concen: 1.243 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003208.D

Acq: 16 Jul 2020 14:45

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-071420

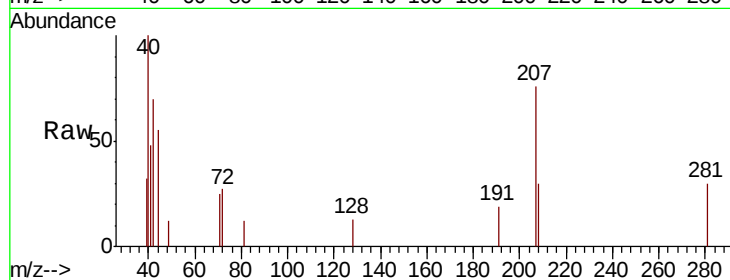
Tot Ion: 42 Resp: 930

Ion Ratio Lower Upper

42 100

72 33.2 36.7 55.1#

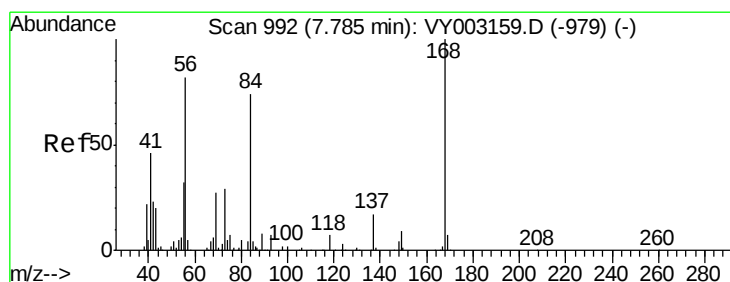
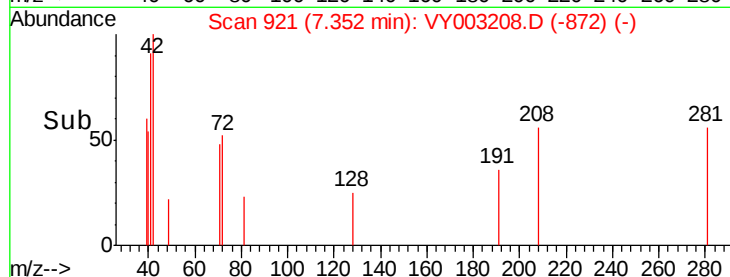
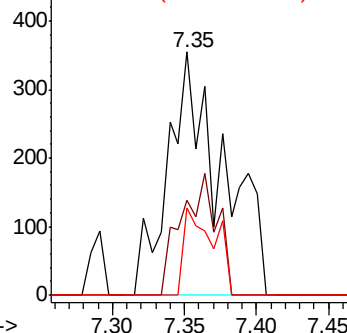
71 19.7 34.2 51.4#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#31

Cyclohexane

Concen: 1.356 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003208.D

Acq: 16 Jul 2020 14:45

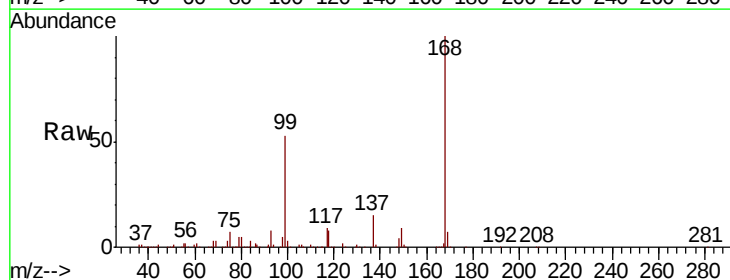
Tgt Ion: 56 Resp: 7491

Ion Ratio Lower Upper

56 100

69 142.5 26.7 40.1#

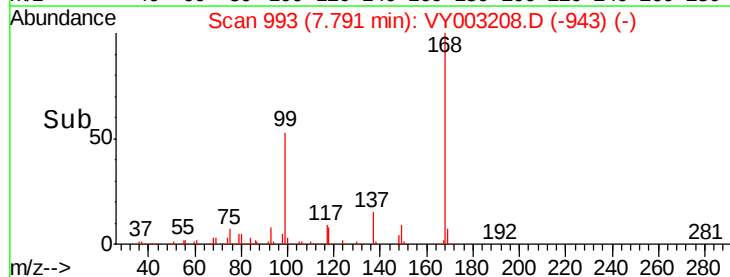
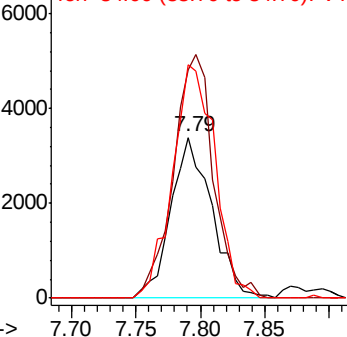
84 145.7 72.3 108.5#

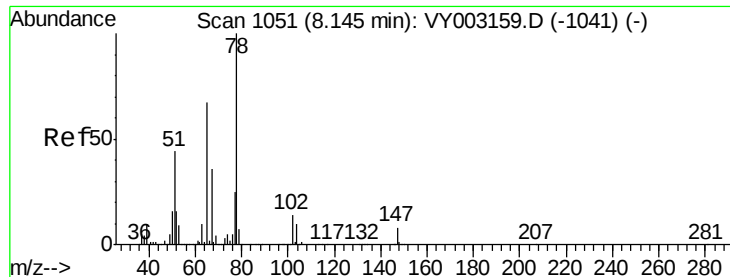


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

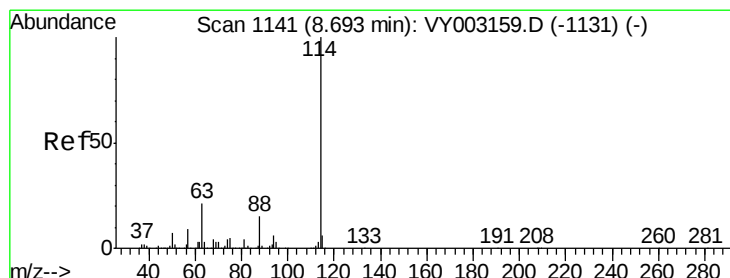
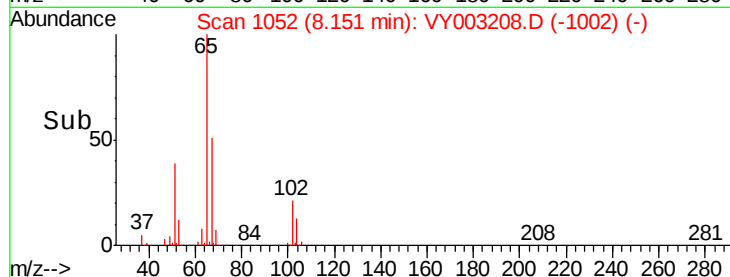
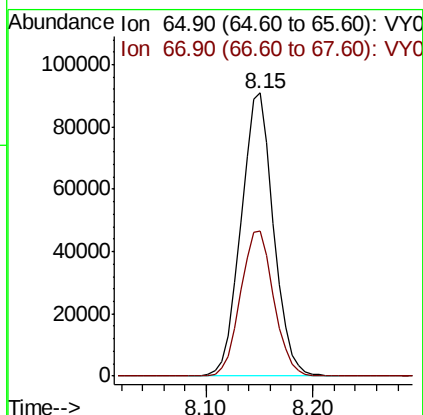
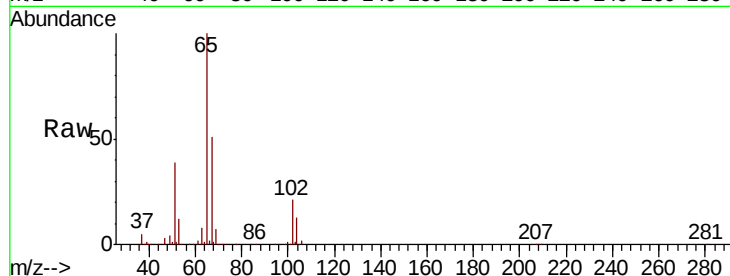




#33
 1,2-Dichloroethane-d4
 Concen: 63.968 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003208.D
 Acq: 16 Jul 2020 14:45

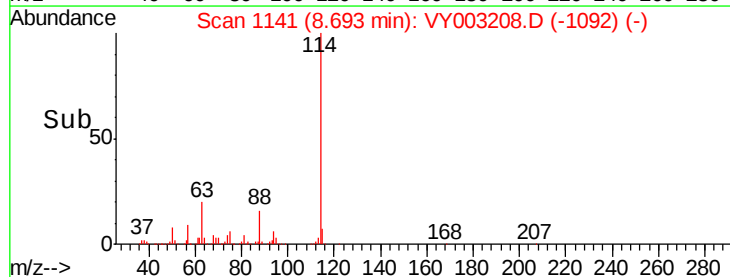
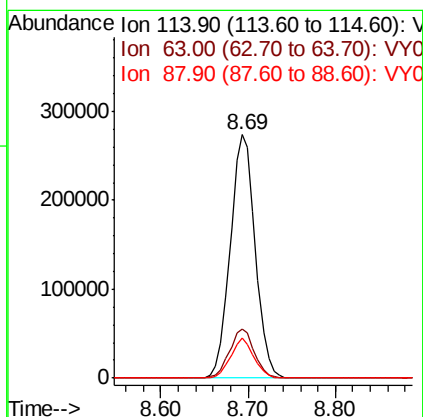
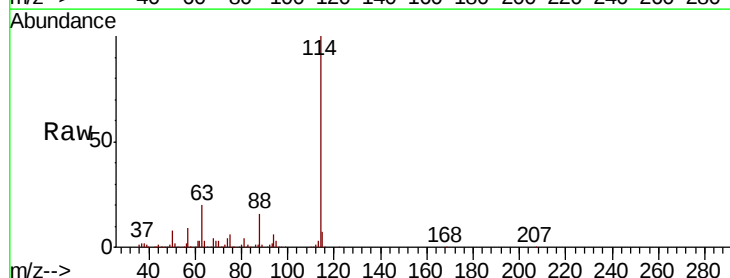
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

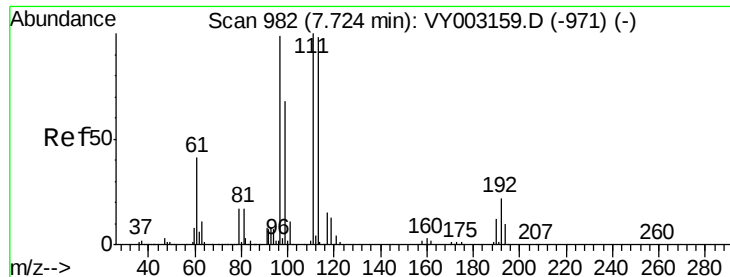
Tot Ion: 65 Resp: 194278
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003208.D
 Acq: 16 Jul 2020 14:45

Tgt Ion: 114 Resp: 541783
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 16.3 0.0 30.2

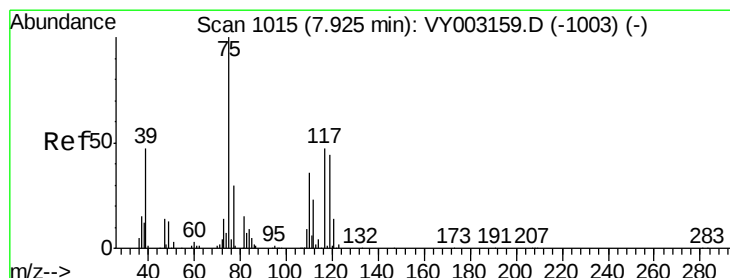
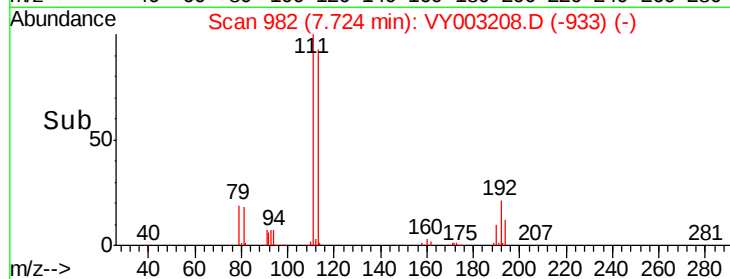
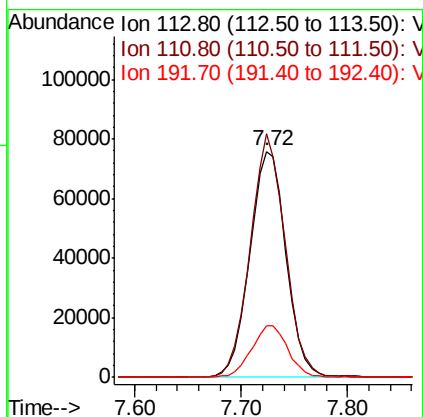
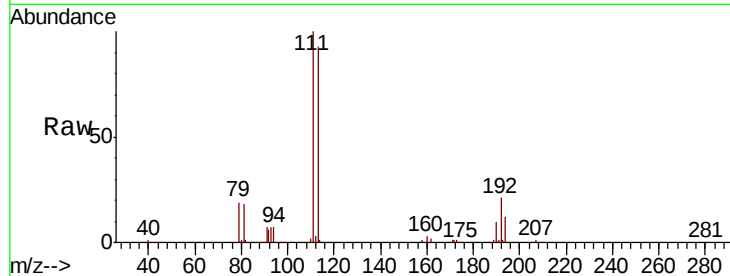




#35
 Dibromofluoromethane
 Concen: 58.036 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003208.D
 Acq: 16 Jul 2020 14:45

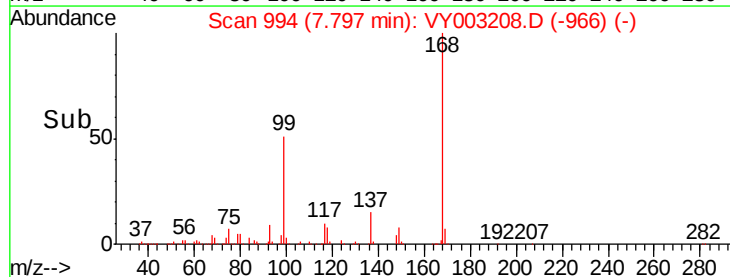
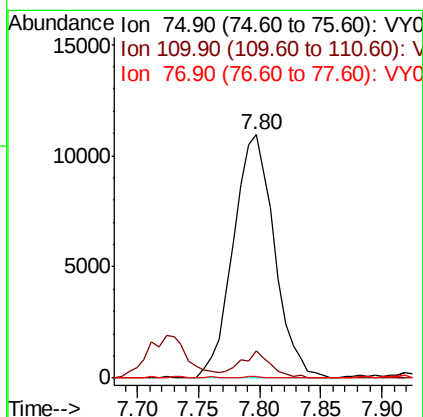
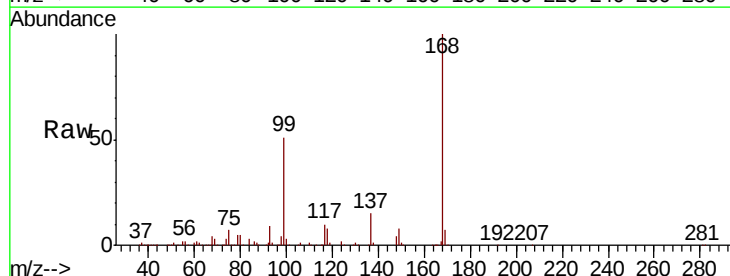
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

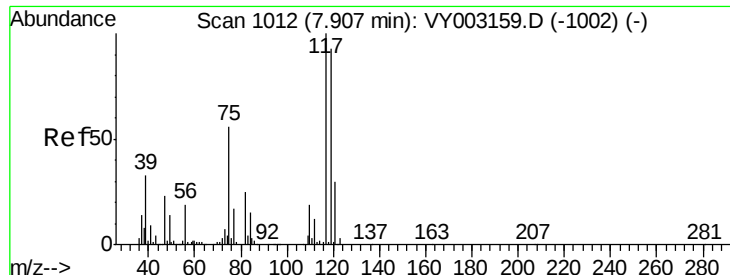
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.1	123.1
192	22.9	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.202 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003208.D
 Acq: 16 Jul 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.1#
77	0.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.547 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003208.D

Acq: 16 Jul 2020 14:45

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-071420

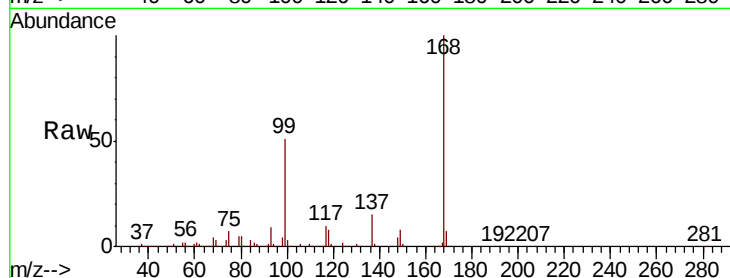
Tot Ion:117 Resp: 33188

Ion Ratio Lower Upper

117 100

119 5.8 74.5 111.7#

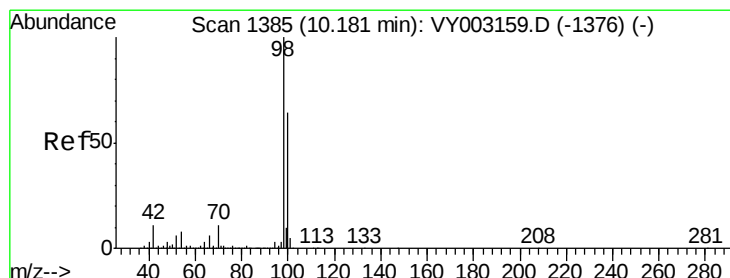
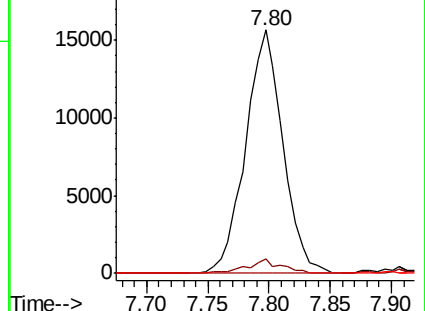
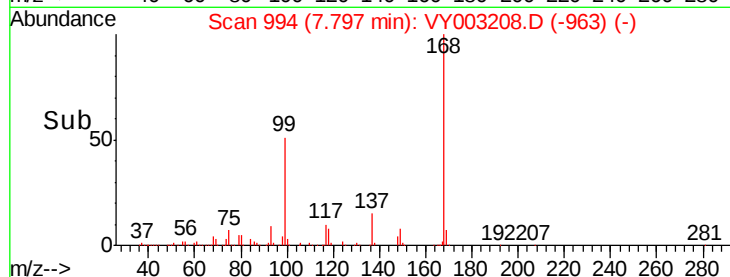
121 0.0 24.2 36.2#



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: 59.791 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003208.D

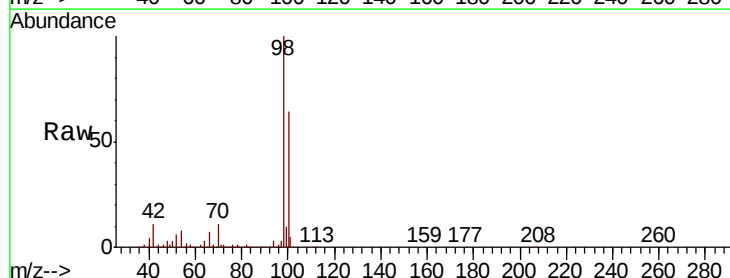
Acq: 16 Jul 2020 14:45

Tgt Ion: 98 Resp: 693072

Ion Ratio Lower Upper

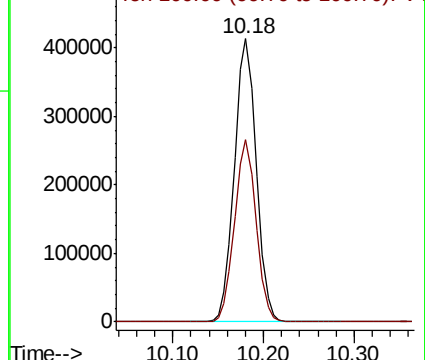
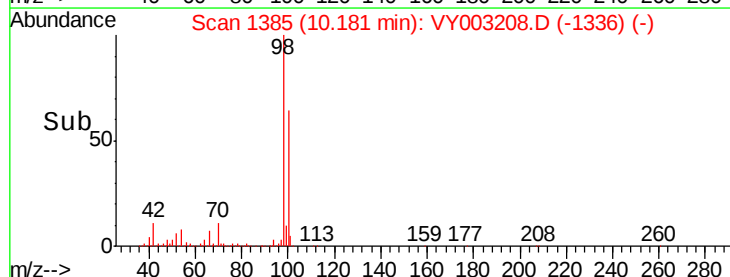
98 100

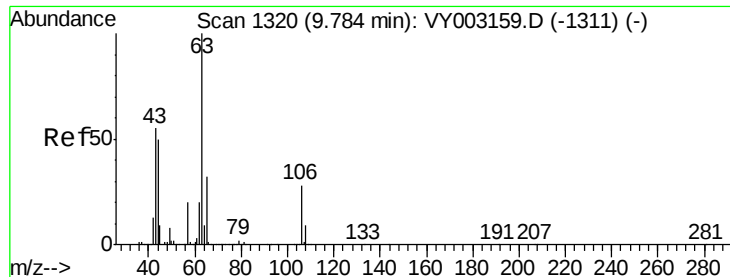
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

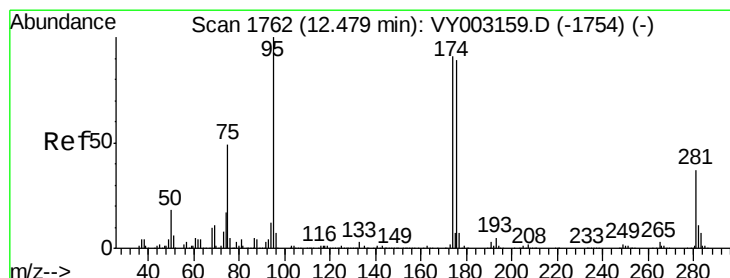
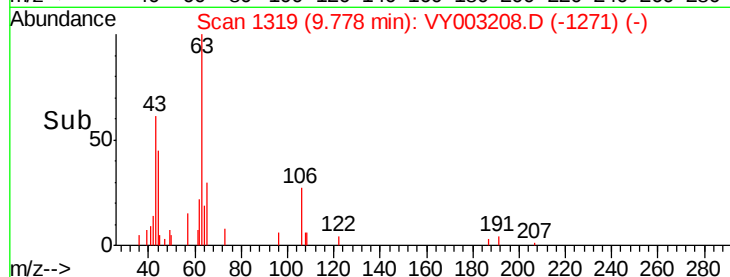
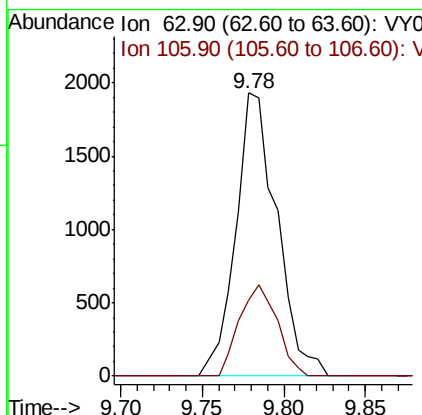
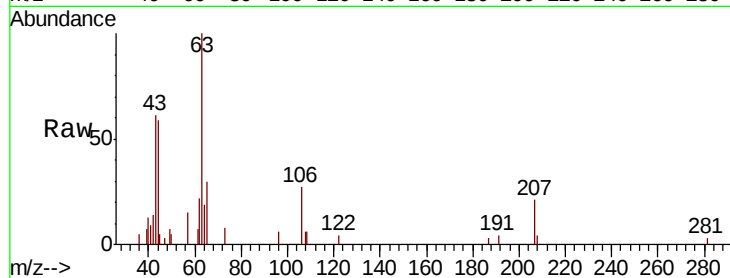




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.684 ug/l
 RT: 9.78 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: VY003208.D
 Acq: 16 Jul 2020 14:45

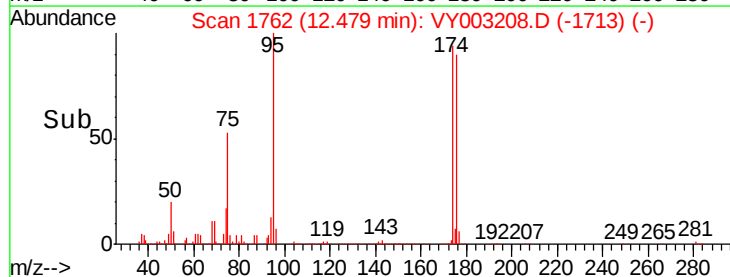
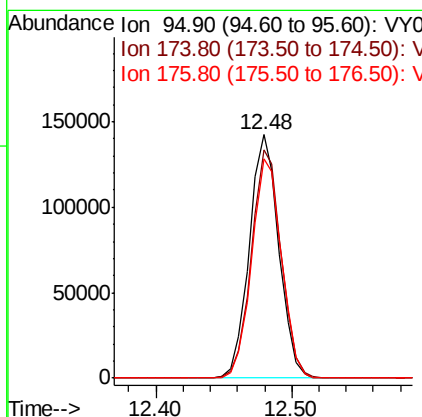
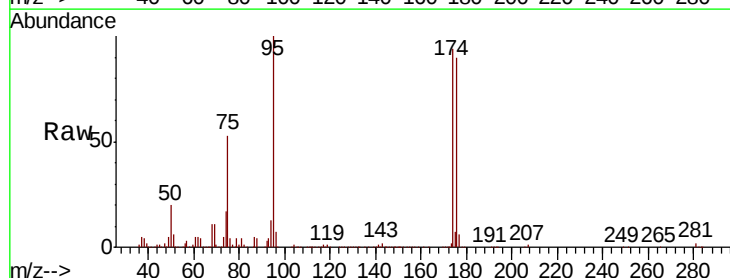
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

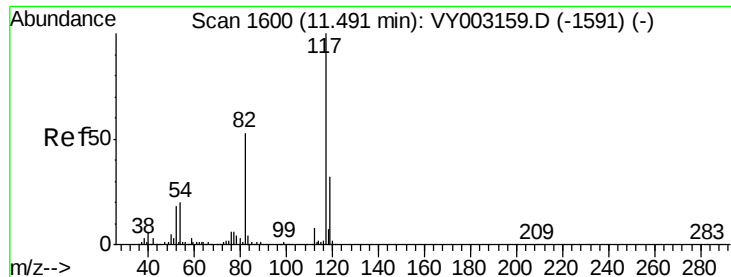
Tot Ion: 63 Resp: 3381
 Ion Ratio Lower Upper
 63 100
 106 29.7 22.9 34.3



#62
 4-Bromofluorobenzene
 Concen: 51.748 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003208.D
 Acq: 16 Jul 2020 14:45

Tgt Ion: 95 Resp: 216698
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 190.6
 176 91.1 0.0 186.4

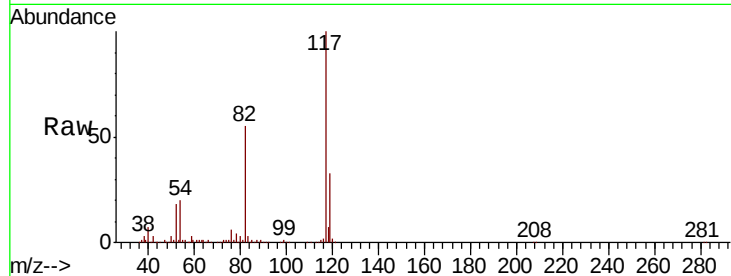




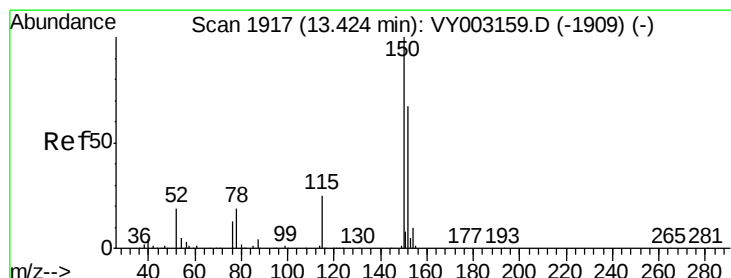
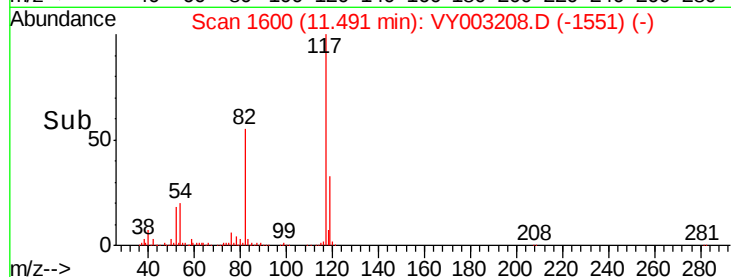
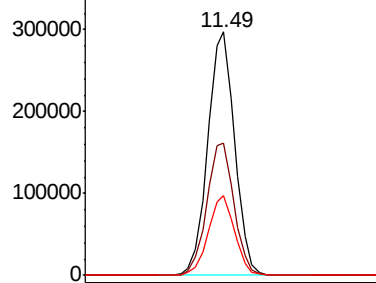
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003208.D
Acq: 16 Jul 2020 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-071420

Tot Ion:117 Resp: 476932
Ion Ratio Lower Upper
117 100
82 54.6 42.0 63.0
119 32.8 25.5 38.3

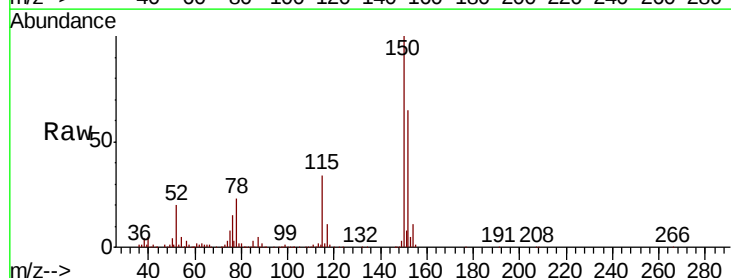


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

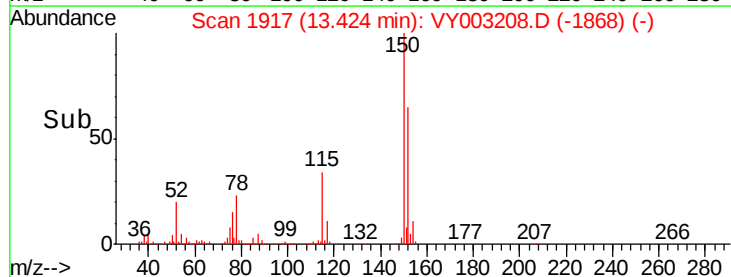
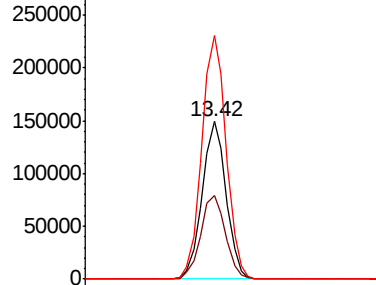


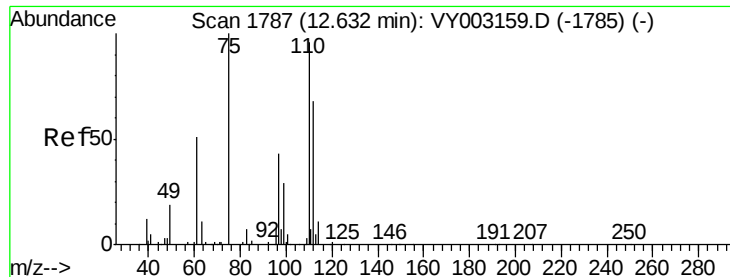
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003208.D
Acq: 16 Jul 2020 14:45

Tgt Ion:152 Resp: 221069
Ion Ratio Lower Upper
152 100
115 55.0 26.9 80.7
150 156.9 0.0 338.0



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

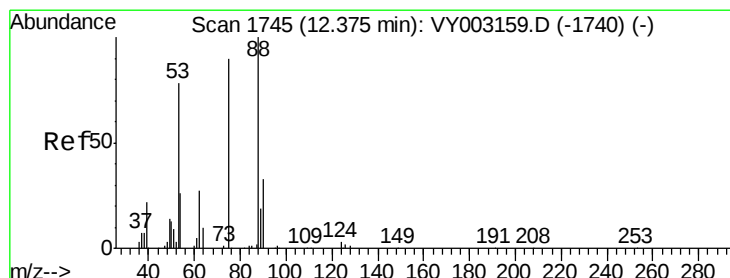
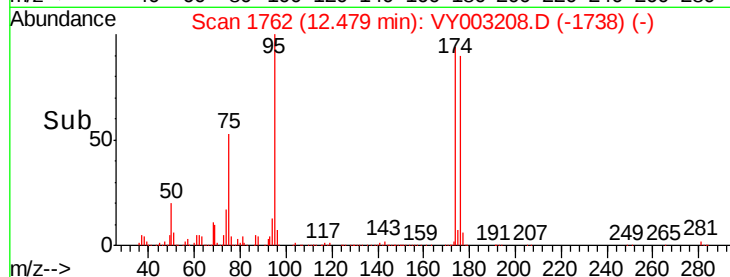
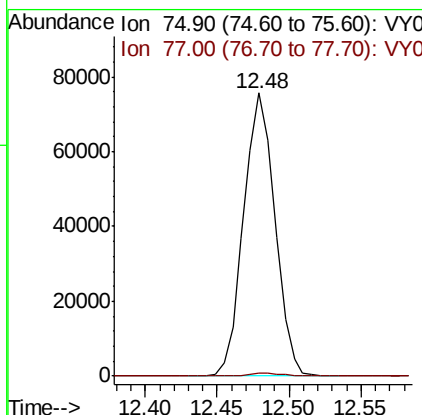
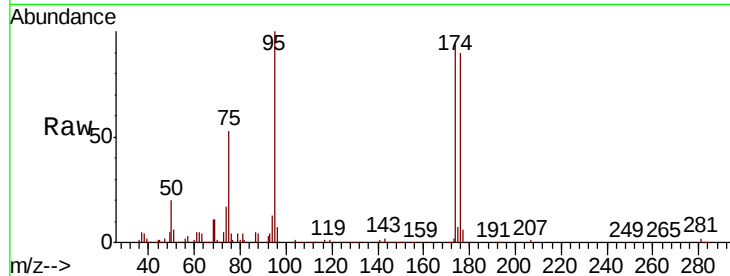




#76
 1,2,3-Trichloropropane
 Concen: 58.153 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003208.D
 Acq: 16 Jul 2020 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

Tot Ion: 75 Resp: 113797
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.178 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003208.D
 Acq: 16 Jul 2020 14:45

Tgt Ion: 75 Resp: 113797
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.0 108.0#
 89 0.0 37.3 55.9#

