

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003218.D
 Acq On : 16 Jul 2020 18:36
 Operator : SY/MD
 Sample : L3308-11
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11

Quant Time: Jul 17 05:22:21 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	285445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	430104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	158686	65.87	ug/l	0.00
Spiked Amount			Recovery	=	131.74%	
35) Dibromofluoromethane	7.72	113	148666	60.06	ug/l	0.00
Spiked Amount			Recovery	=	120.12%	
50) Toluene-d8	10.18	98	540155	58.70	ug/l	0.00
Spiked Amount			Recovery	=	117.40%	
62) 4-Bromofluorobenzene	12.48	95	154941	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	

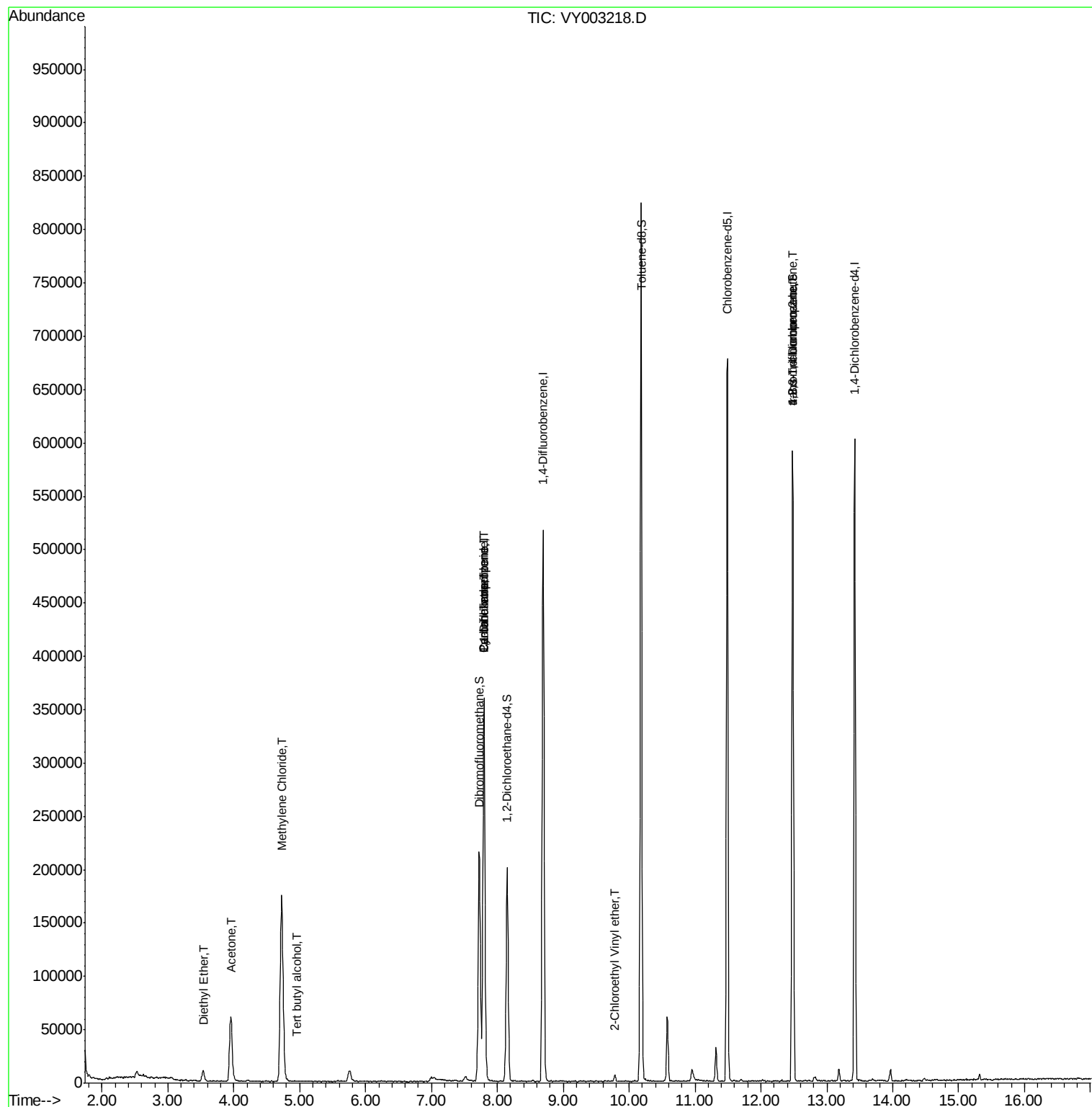
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	5692	4.085	ug/l	89
11) Tert butyl alcohol	4.95	59	417	1.601	ug/l #	72
16) Acetone	3.96	43	107062	198.942	ug/l	95
20) Methylene Chloride	4.72	84	131943	48.572	ug/l	97
31) Cyclohexane	7.80	56	5501	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20207	5.184	ug/l #	51
38) Carbon Tetrachloride	7.80	117	25655	6.375	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.78	63	2117	1.328	ug/l #	78
76) 1,2,3-Trichloropropane	12.48	75	82210	60.143	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	82210	117.051	ug/l #	13

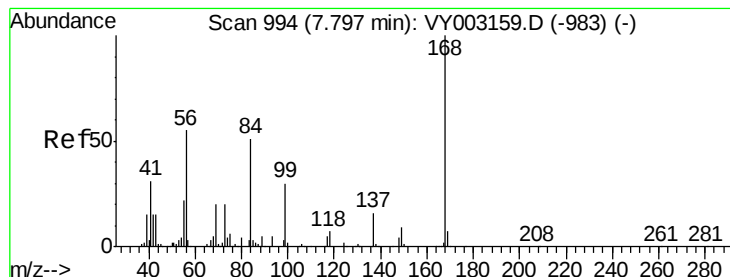
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
Data File : VY003218.D
Acq On : 16 Jul 2020 18:36
Operator : SY/MD
Sample : L3308-11
Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11

Quant Time: Jul 17 05:22:21 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: VY003218.D

Acq: 16 Jul 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

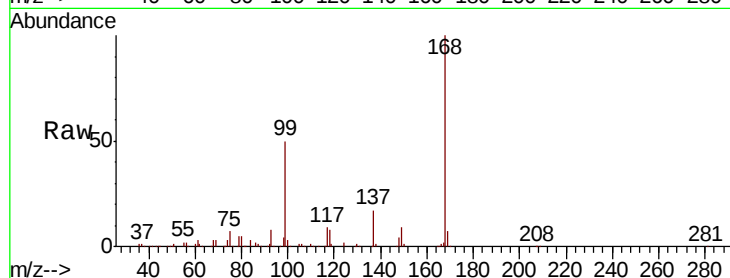
11

Tot Ion:168 Resp: 285445

Ion Ratio Lower Upper

168 100

99 49.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003218.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003218.D (-945) (-)

7.80

150000

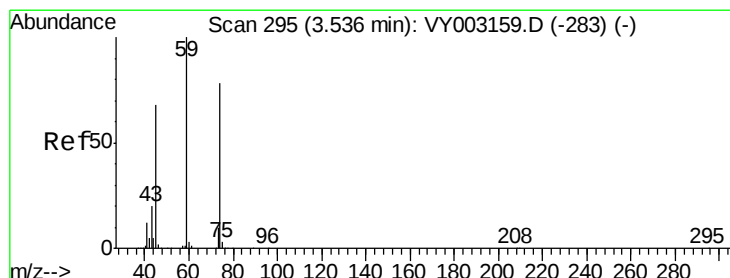
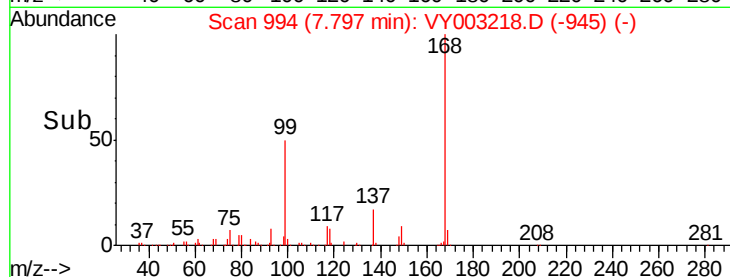
100000

50000

0

7.70 7.80 7.90

Time-->



#8

Diethyl Ether

Concen: 4.085 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY003218.D

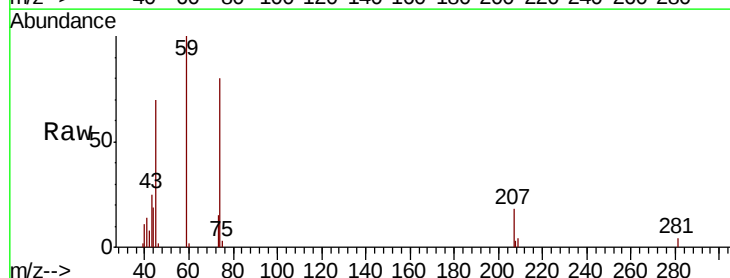
Acq: 16 Jul 2020 18:36

Tgt Ion: 74 Resp: 5692

Ion Ratio Lower Upper

74 100

45 101.1 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003218.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003218.D (-246) (-)

3.54

3000

2500

2000

1500

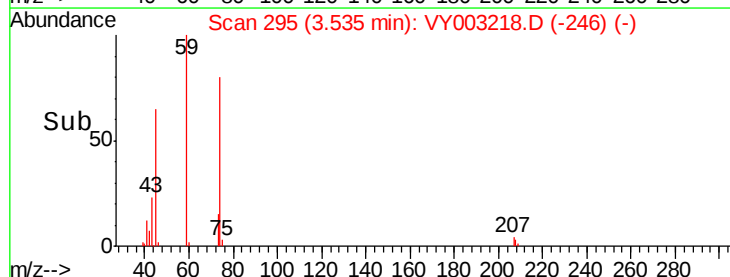
1000

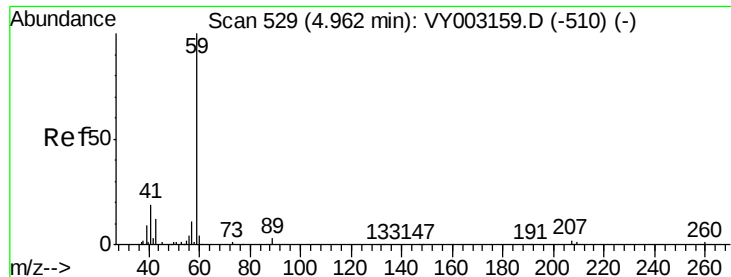
500

0

3.45 3.50 3.55 3.60

Time-->

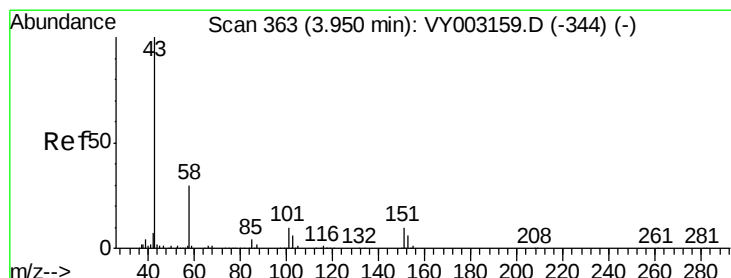
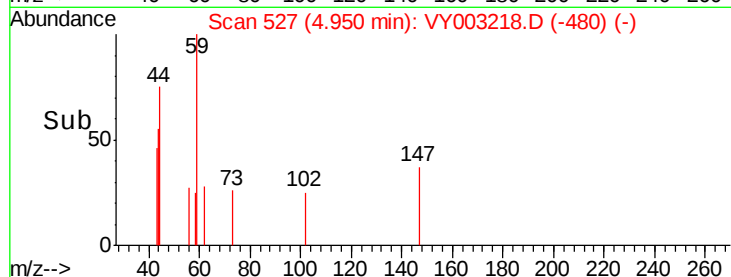
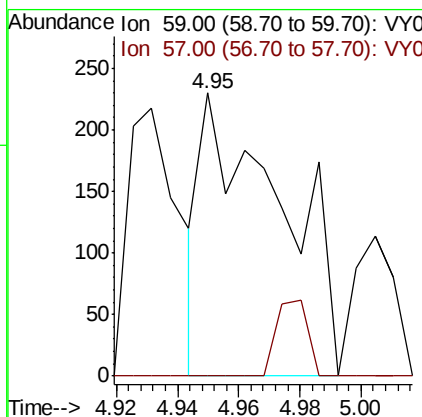
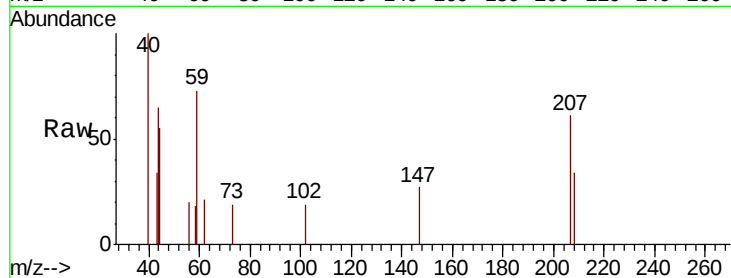




#11
Tert butyl alcohol
Concen: 1.601 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.01 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

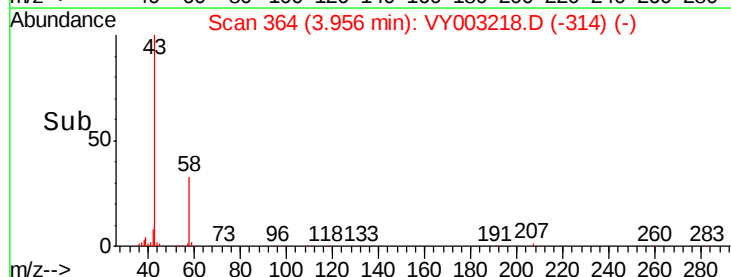
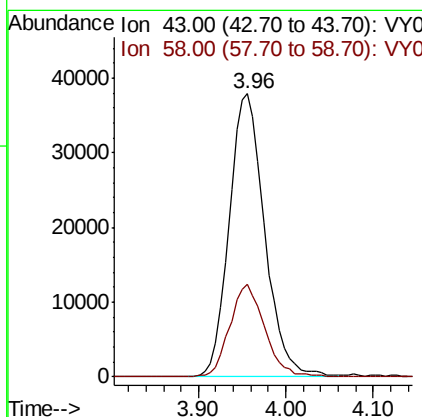
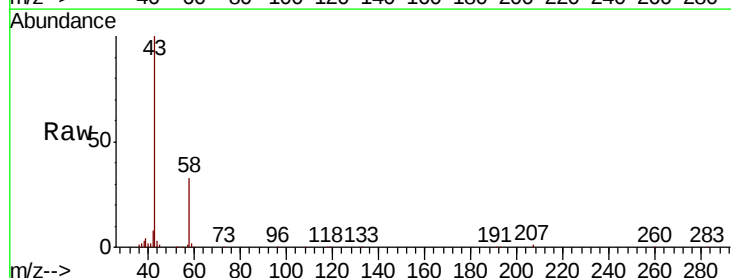
Instrument :
MSVOA_Y
ClientSampleId :
11

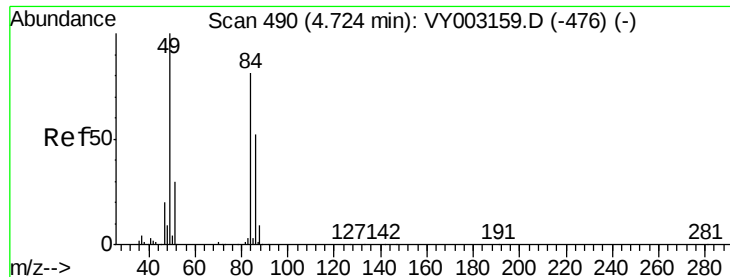
Tot Ion: 59 Resp: 417
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#16
Acetone
Concen: 198.942 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

Tgt Ion: 43 Resp: 107062
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.6

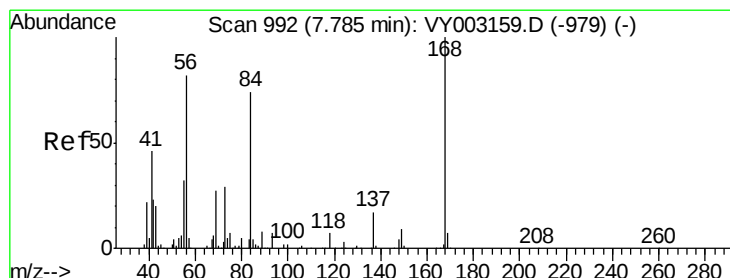
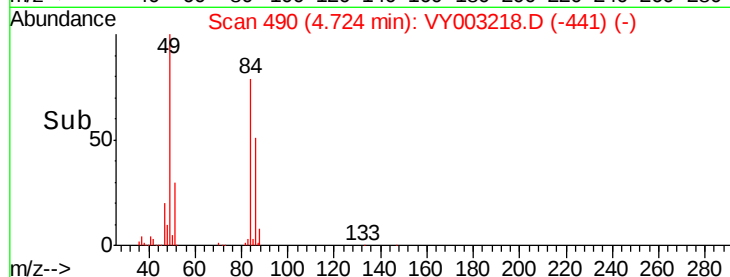
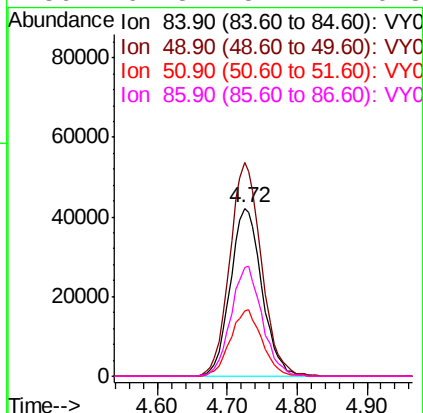
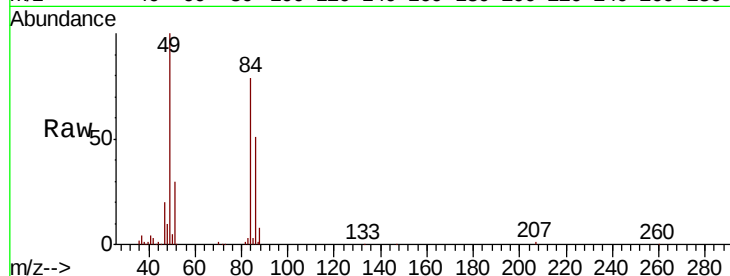




#20
Methvlene Chloride
Concen: 48.572 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

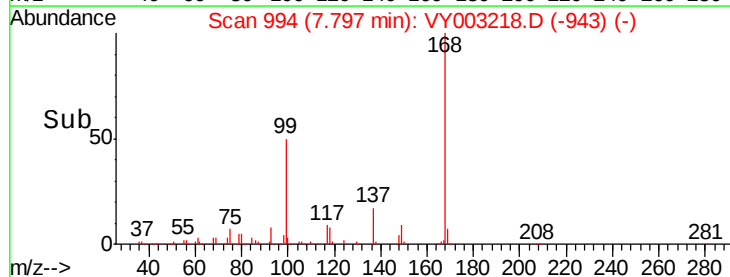
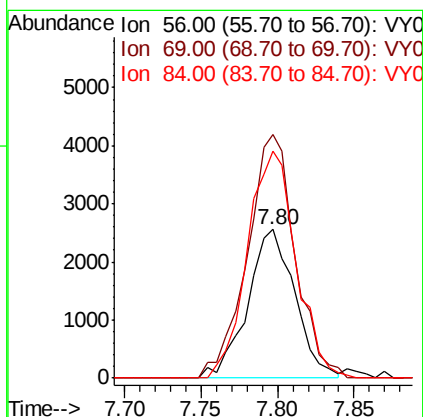
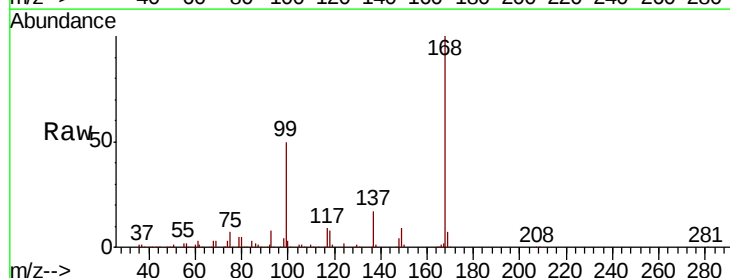
Instrument :
MSVOA_Y
ClientSampleId :
11

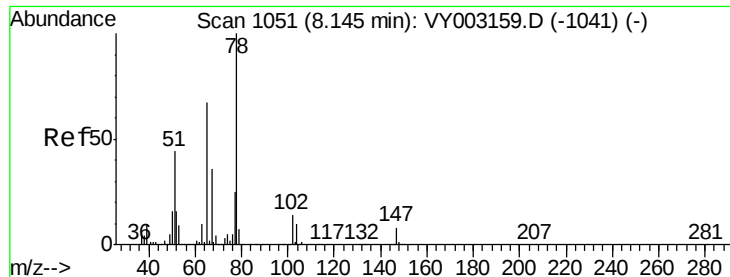
Tot Ion:	84	Resp:	131943
Ion	Ratio	Lower	Upper
84	100		
49	127.2	98.2	147.4
51	38.5	29.8	44.6
86	64.8	51.2	76.8



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

Tgt Ion:	56	Resp:	5501
Ion	Ratio	Lower	Upper
56	100		
69	164.0	26.7	40.1#
84	152.5	72.3	108.5#

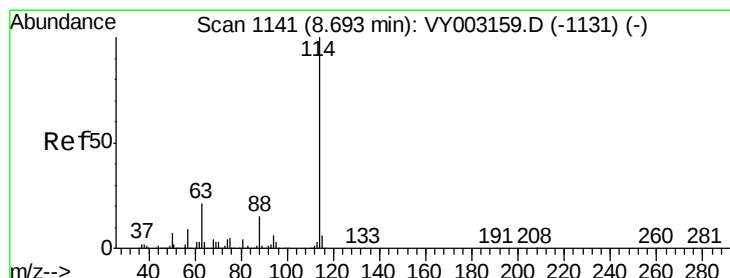
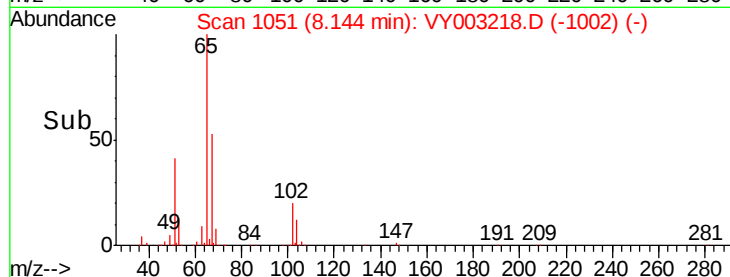
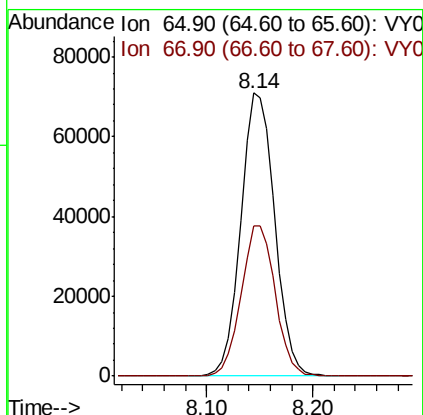
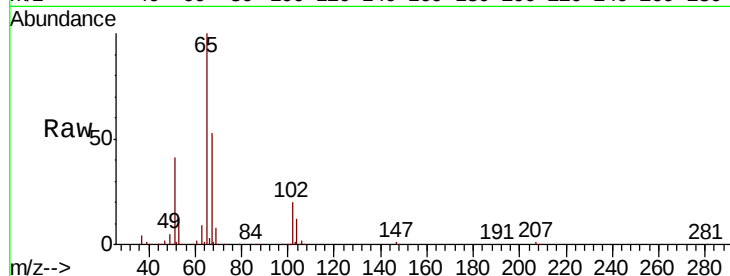




#33
 1,2-Dichloroethane-d4
 Concen: 65.865 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

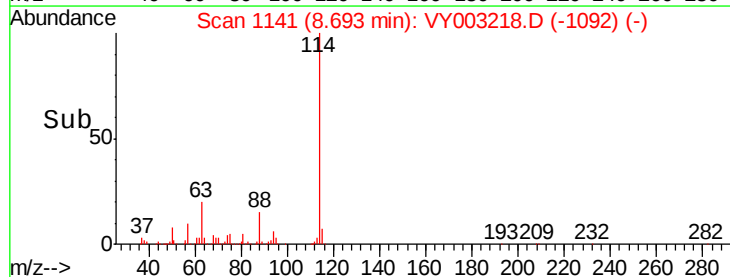
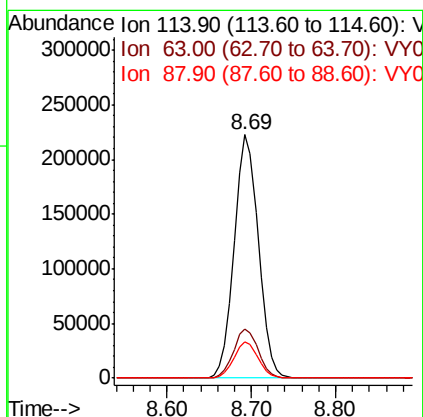
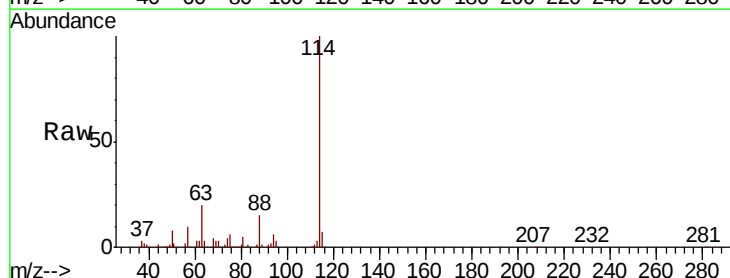
Instrument :
 MSVOA_Y
 ClientSampleId :
 11

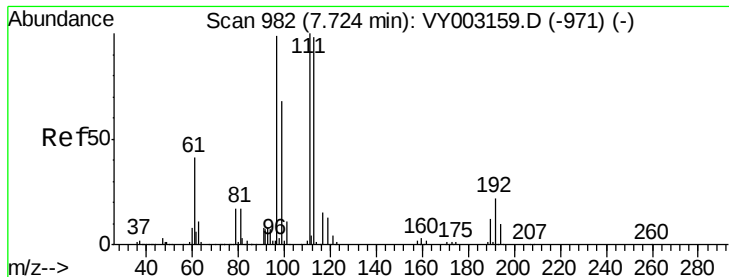
Tot Ion: 65 Resp: 158686
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

Tgt Ion: 114 Resp: 430104
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 15.2 0.0 30.2

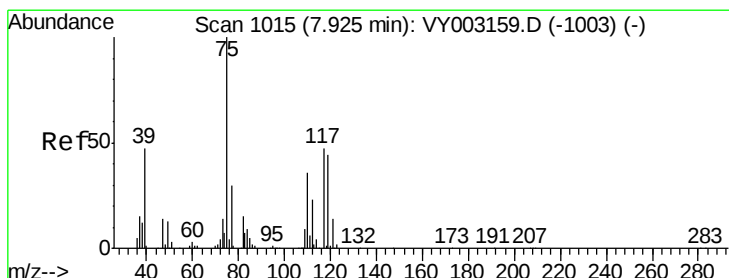
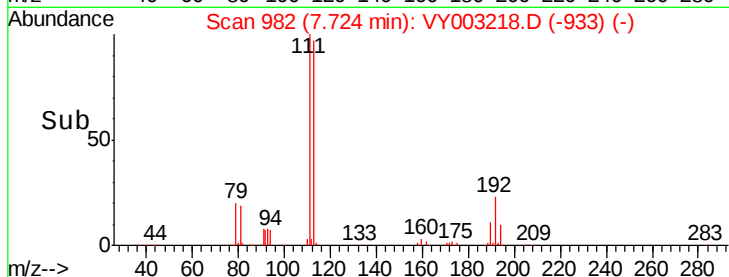
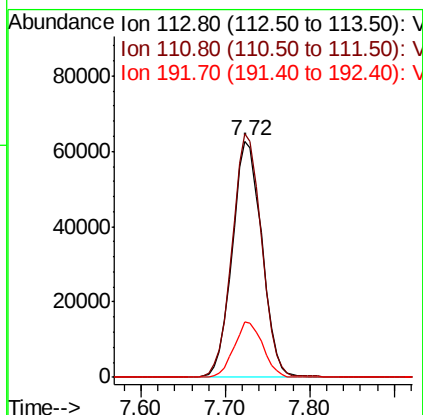
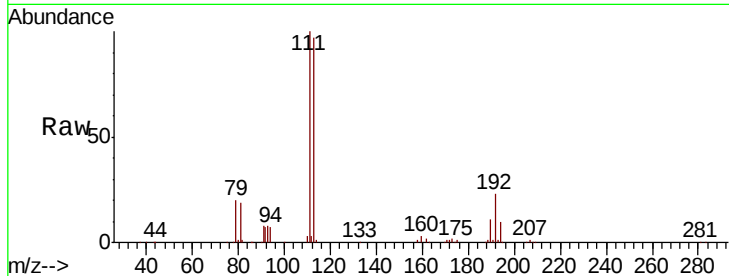




#35
 Dibromofluoromethane
 Concen: 60.064 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

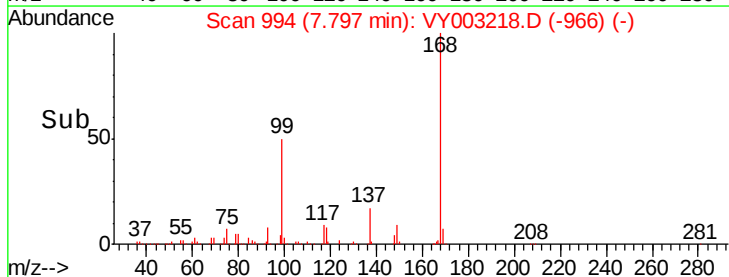
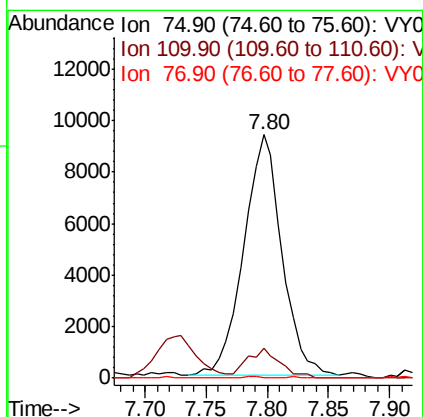
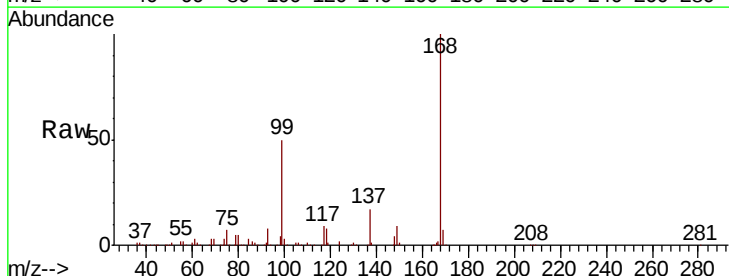
Instrument :
 MSVOA_Y
 ClientSampleId :
 11

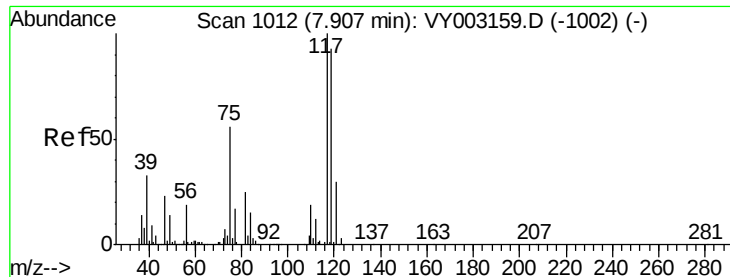
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	22.7	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.184 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.1#
77	0.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.375 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003218.D

Acq: 16 Jul 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

11

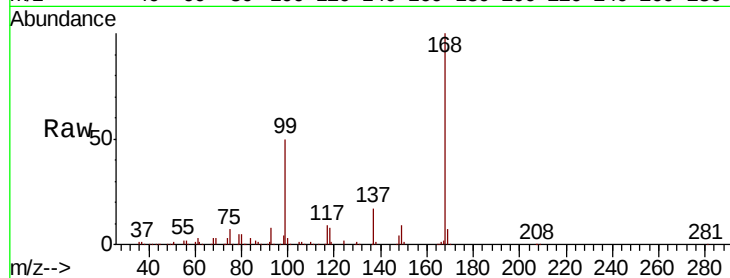
Tot Ion:117 Resp: 25655

Ion Ratio Lower Upper

117 100

119 6.6 74.5 111.7#

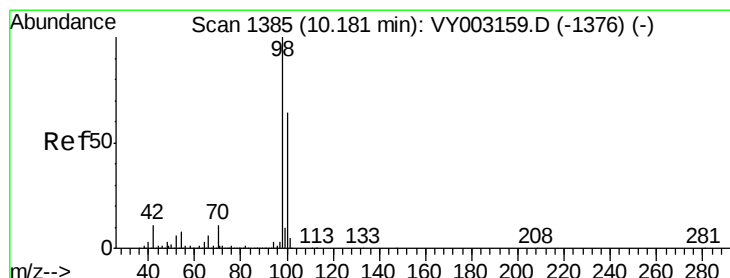
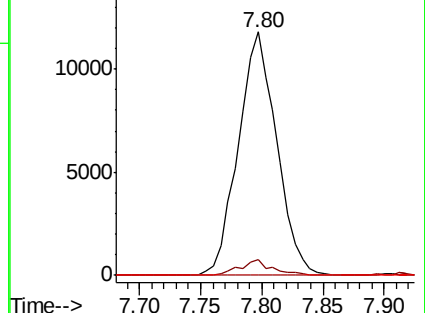
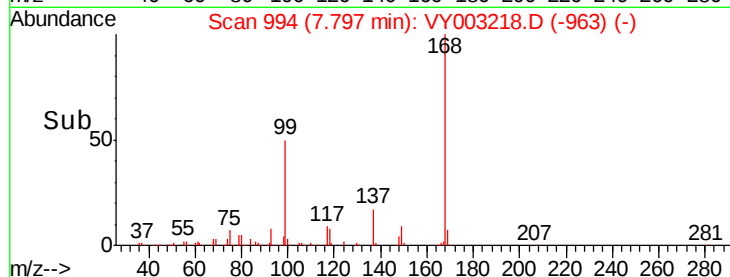
121 0.0 24.2 36.2#



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: 58.699 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003218.D

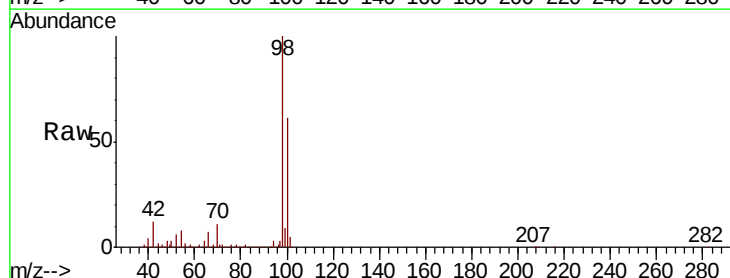
Acq: 16 Jul 2020 18:36

Tgt Ion: 98 Resp: 540155

Ion Ratio Lower Upper

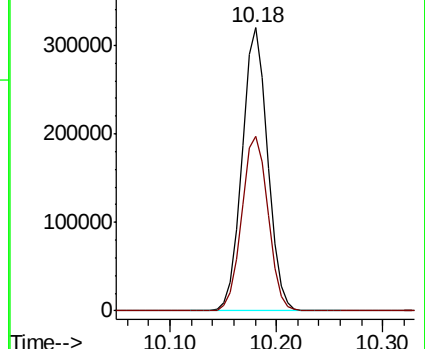
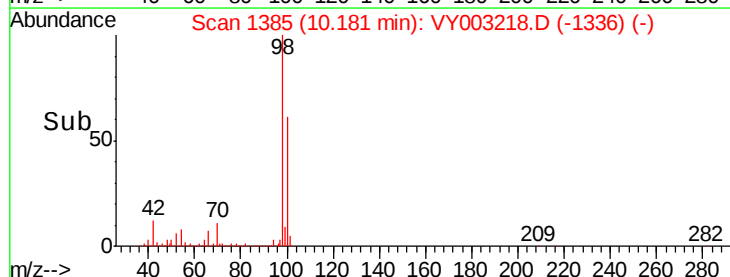
98 100

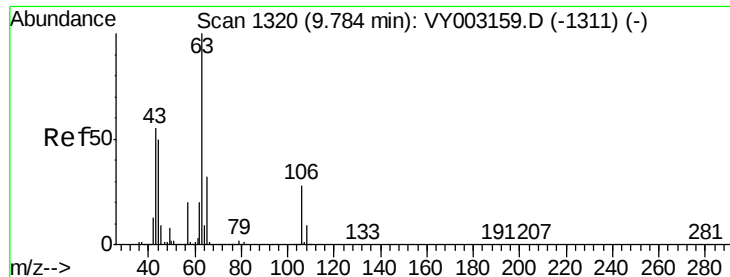
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

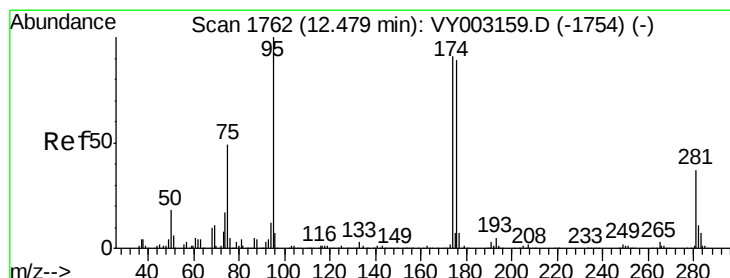
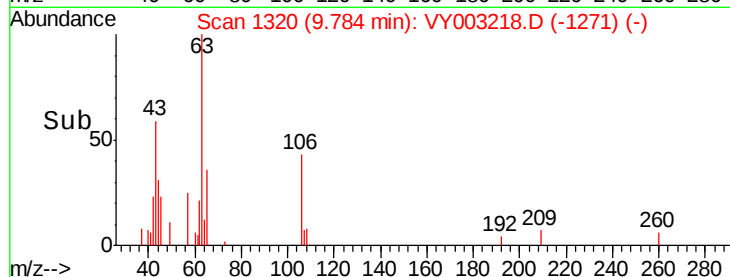
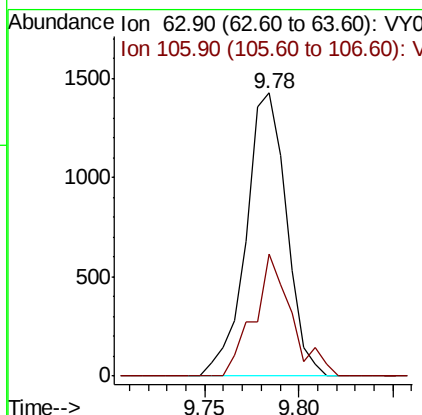
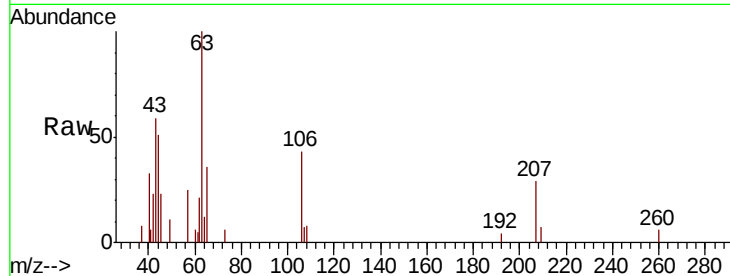




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.328 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

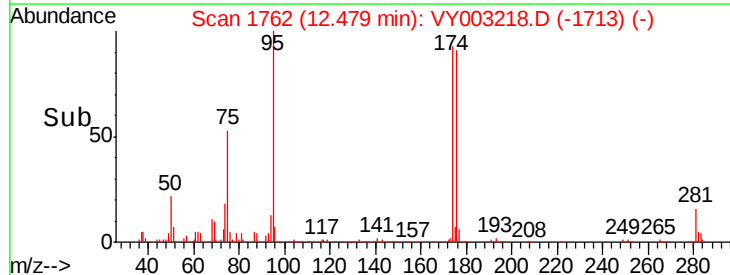
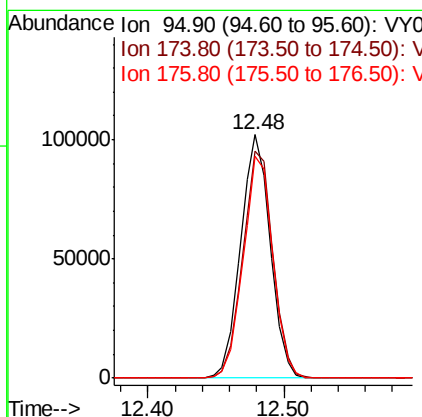
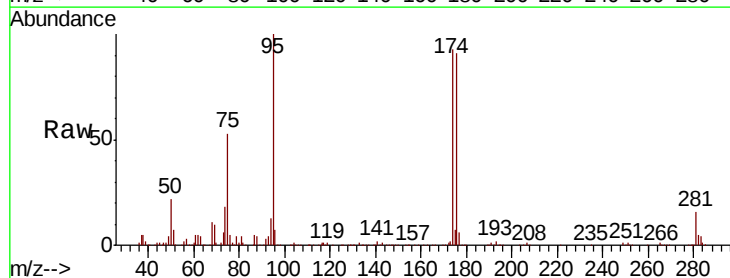
Instrument :
 MSVOA_Y
 ClientSampleId :
 11

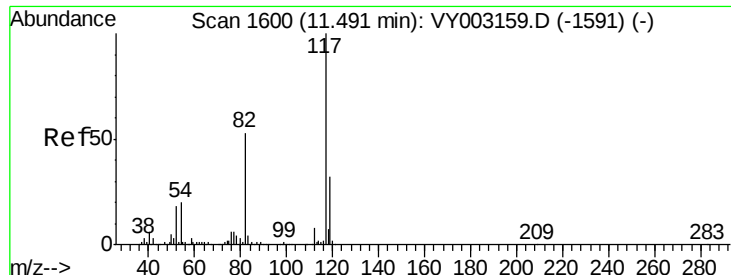
Tot Ion: 63 Resp: 2117
 Ion Ratio Lower Upper
 63 100
 106 40.3 22.9 34.3#



#62
 4-Bromofluorobenzene
 Concen: 46.607 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

Tgt Ion: 95 Resp: 154941
 Ion Ratio Lower Upper
 95 100
 174 95.3 0.0 190.6
 176 91.7 0.0 186.4

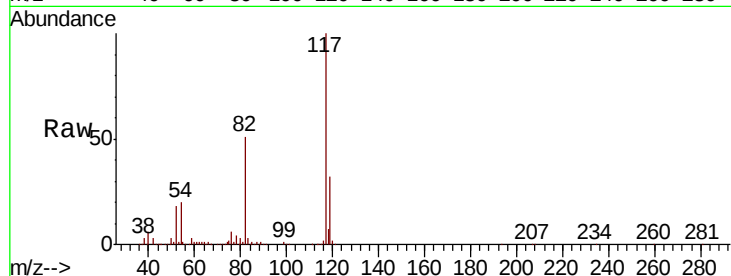




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

Instrument :
MSVOA_Y
ClientSampleId :
11

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.0	63.0
119	31.7	25.5	38.3

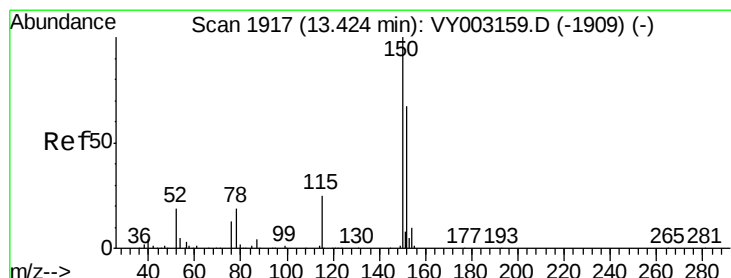
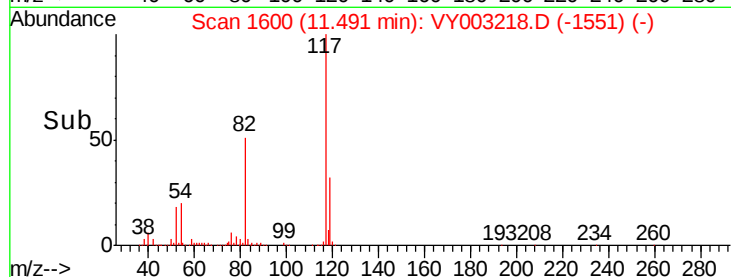
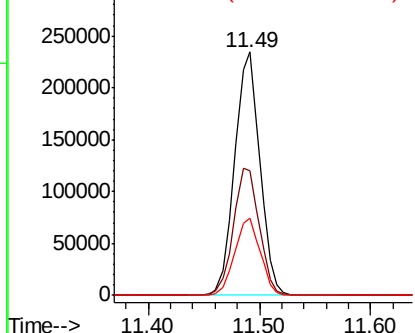


Abundance

Ion 116.90 (116.60 to 117.60): V

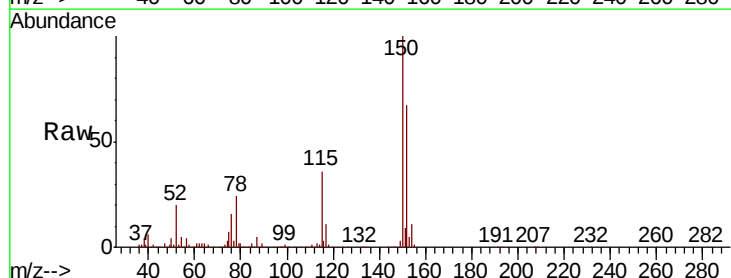
Ion 82.00 (81.70 to 82.70): VY0

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: VY003218.D
Acq: 16 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.9	80.7
150	152.7	0.0	338.0

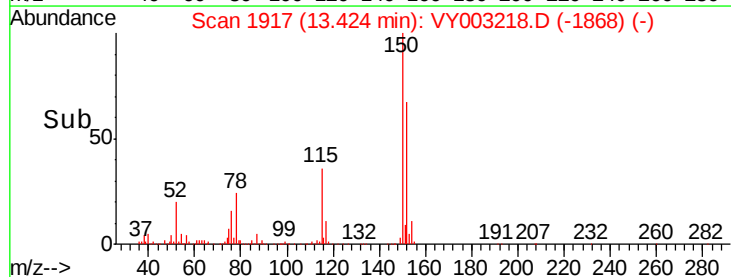
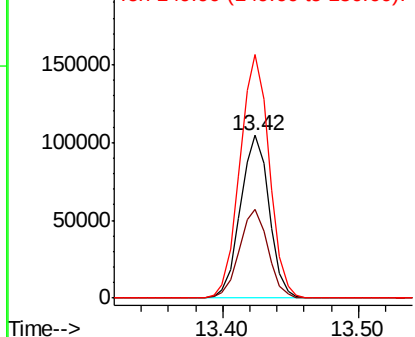


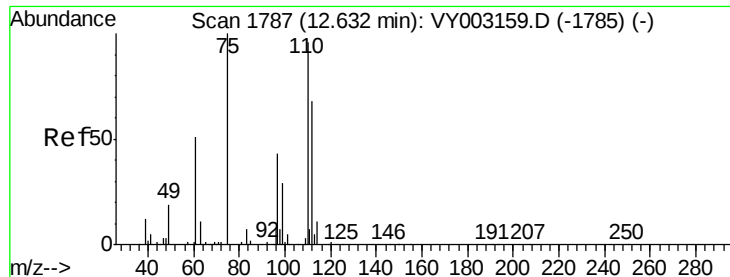
Abundance

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: 60.143 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003218.D

Acq: 16 Jul 2020 18:36

Instrument :

MSVOA_Y

ClientSampled :

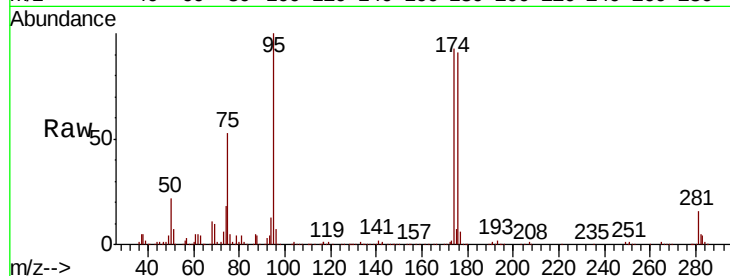
11

Tot Ion: 75 Resp: 82210

Ion Ratio Lower Upper

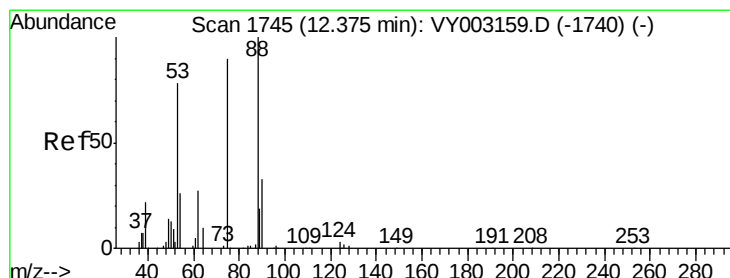
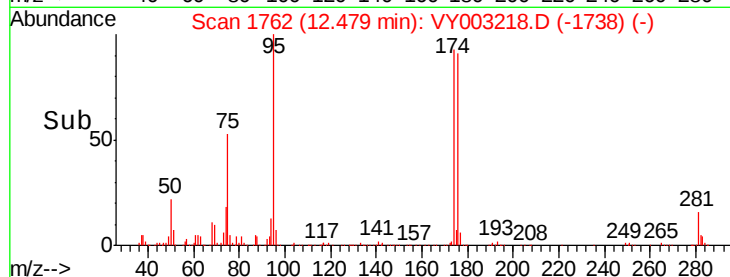
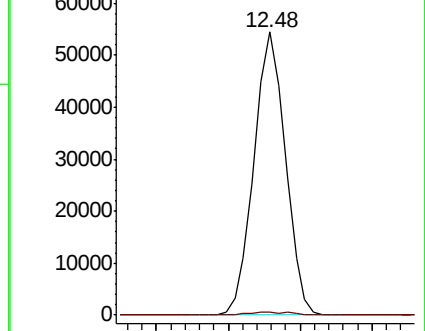
75 100

77 1.4 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: 117.051 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003218.D

Acq: 16 Jul 2020 18:36

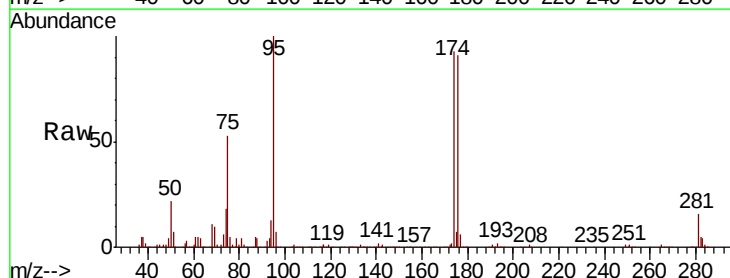
Tgt Ion: 75 Resp: 82210

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.4 37.3 55.9#



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

