

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003225.D
 Acq On : 16 Jul 2020 21:17
 Operator : SY/MD
 Sample : L3308-18
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18RE

Quant Time: Jul 17 05:23:39 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	93009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	142308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	118197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	50941	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	56304	71.72	ug/l	0.00
Spiked Amount			Recovery	=	143.44%	
35) Dibromofluoromethane	7.72	113	49583	60.54	ug/l	0.00
Spiked Amount			Recovery	=	121.08%	
50) Toluene-d8	10.18	98	170871	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.48	95	51608	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	

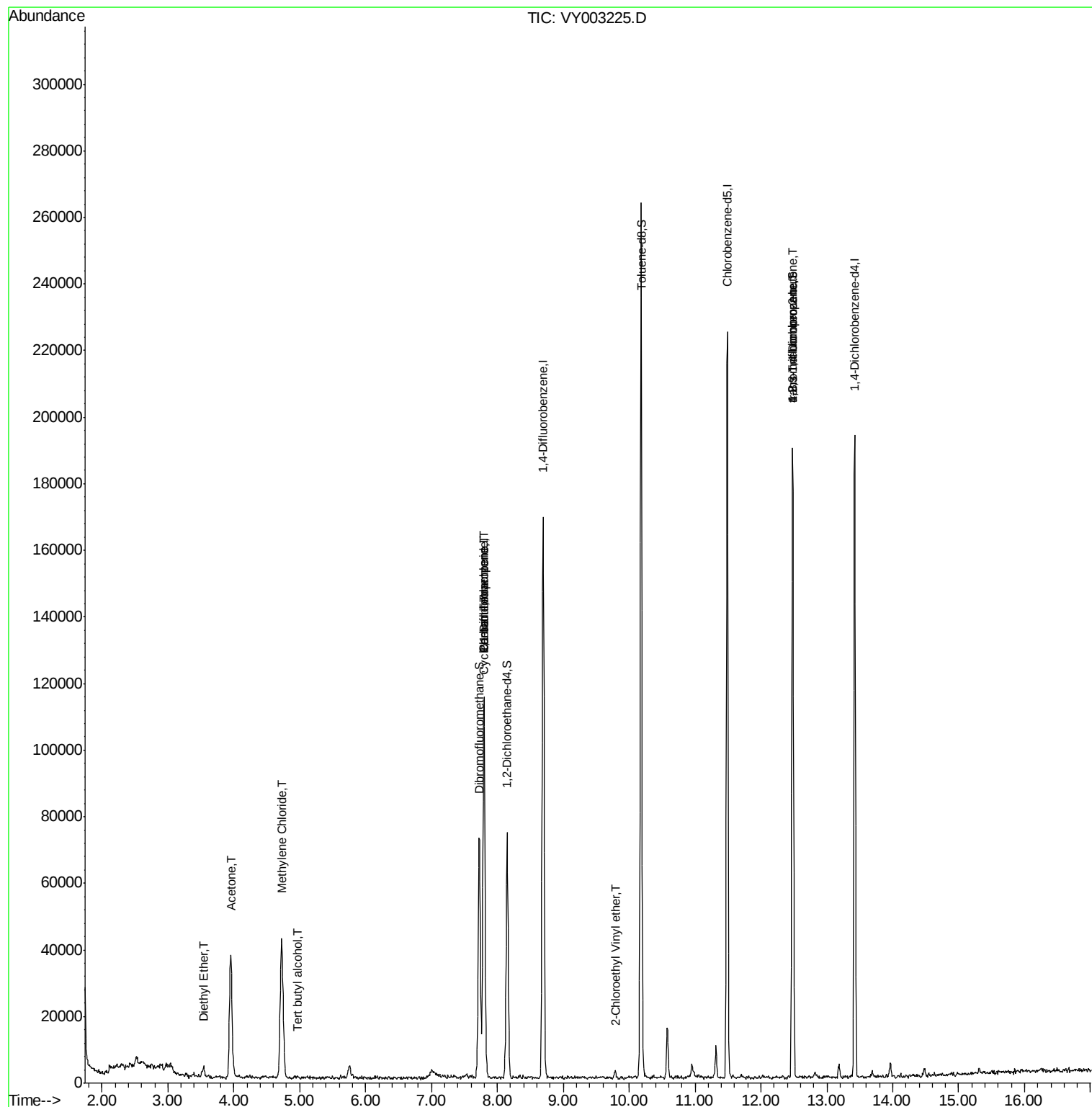
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	1646	3.626	ug/l	94
11) Tert butyl alcohol	4.96	59	138	1.626	ug/l #	72
16) Acetone	3.96	43	62787	358.063	ug/l #	89
20) Methylene Chloride	4.72	84	31251	33.621	ug/l	96
31) Cyclohexane	7.78	56	1839	1.288	ug/l #	49
36) 1,1-Dichloropropene	7.80	75	7092	5.499	ug/l #	52
38) Carbon Tetrachloride	7.80	117	9192	6.903	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.79	63	1116	2.116	ug/l #	67
76) 1,2,3-Trichloropropane	12.48	75	25898	57.434	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	25898	111.778	ug/l #	13

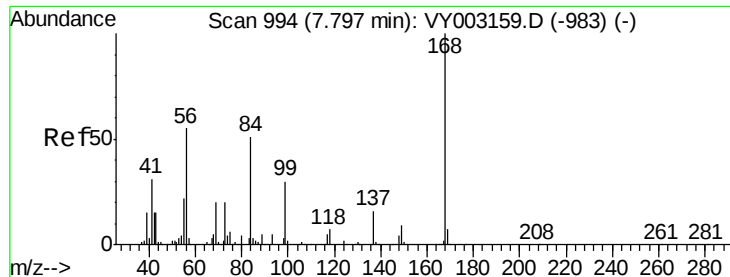
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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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: VY003225.D

Acq: 16 Jul 2020 21:17

Instrument :

MSVOA_Y

ClientSampled :

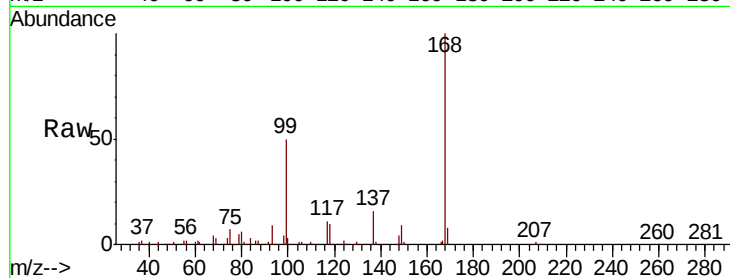
18RE

Tot Ion:168 Resp: 93009

Ion Ratio Lower Upper

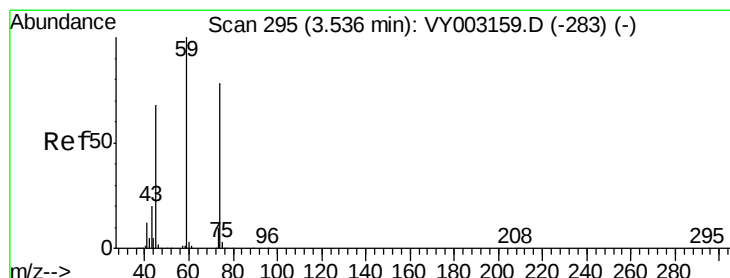
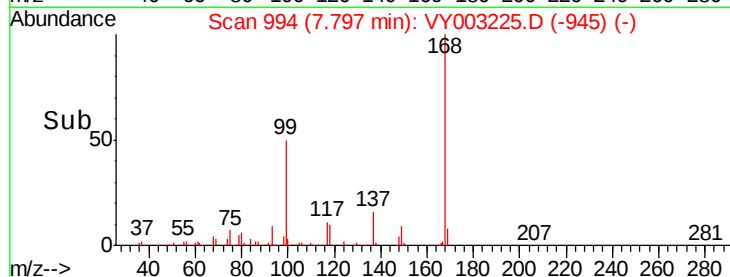
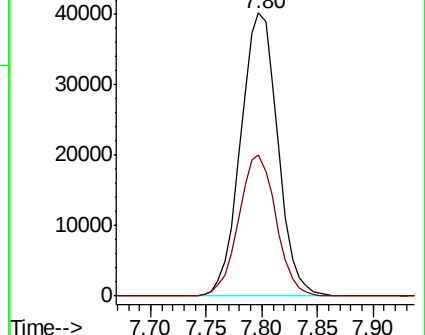
168 100

99 50.1 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) (-)



#8

Diethyl Ether

Concen: 3.626 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY003225.D

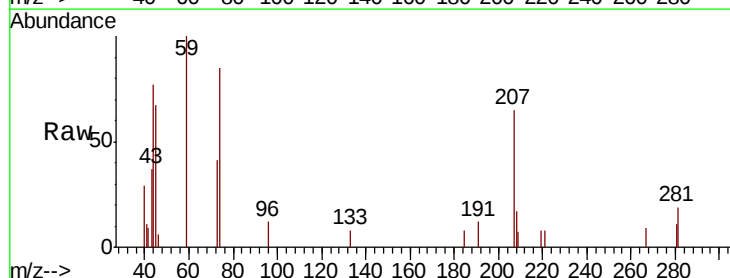
Acq: 16 Jul 2020 21:17

Tgt Ion: 74 Resp: 1646

Ion Ratio Lower Upper

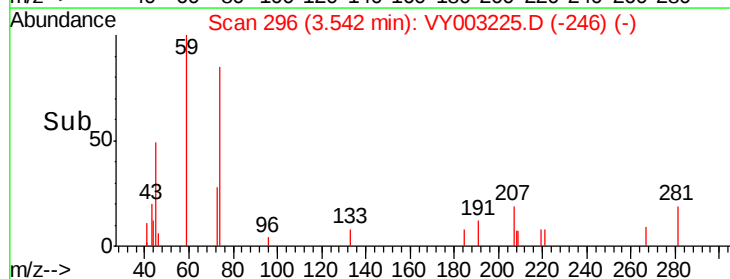
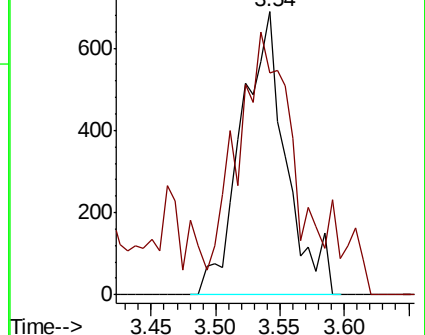
74 100

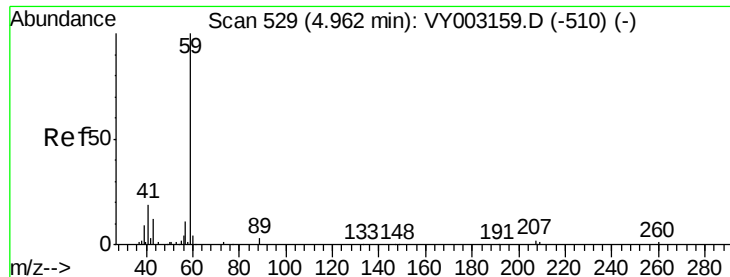
45 96.6 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003159.D (-283) (-)

Ion 45.00 (44.70 to 45.70): VY003159.D (-283) (-)

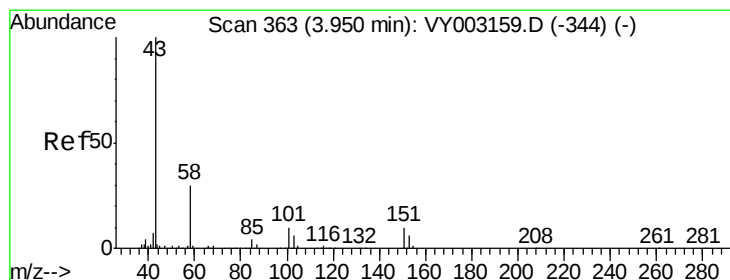
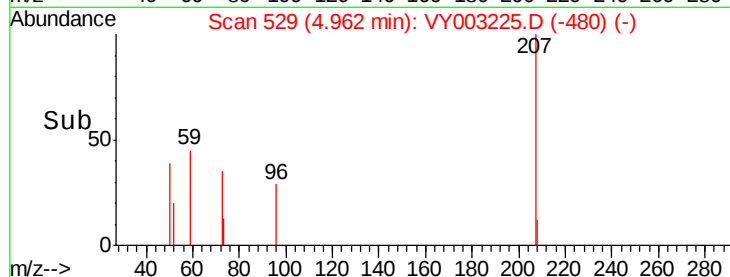
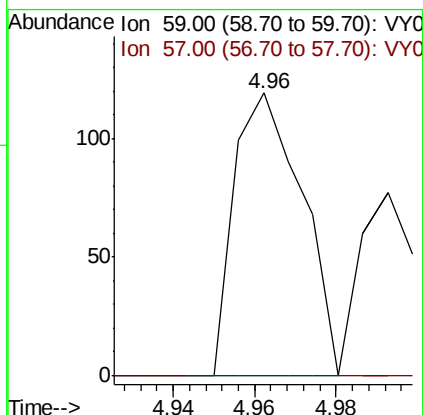
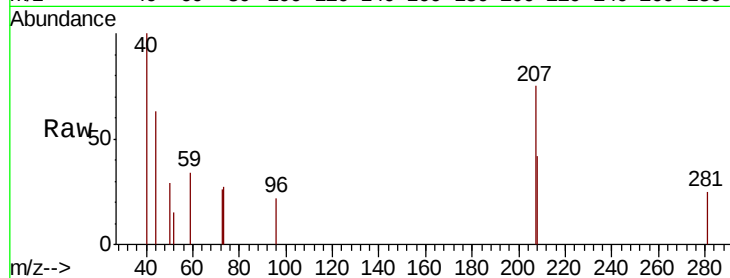




#11
Tert butyl alcohol
Concen: 1.626 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

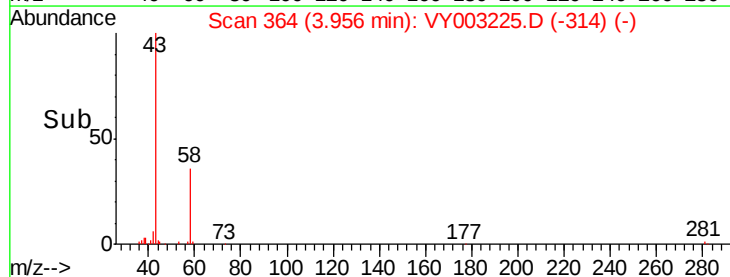
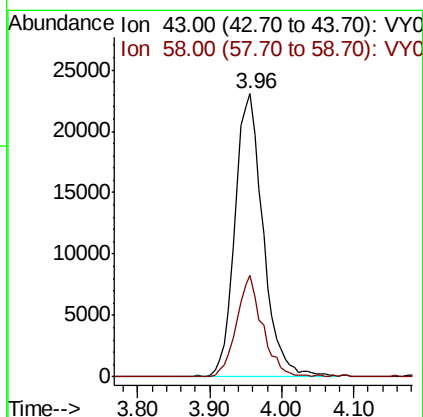
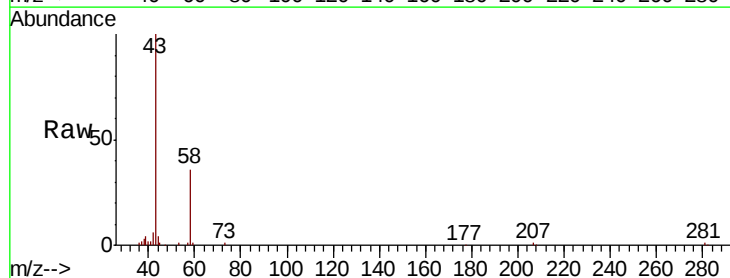
Instrument :
MSVOA_Y
ClientSampled :
18RE

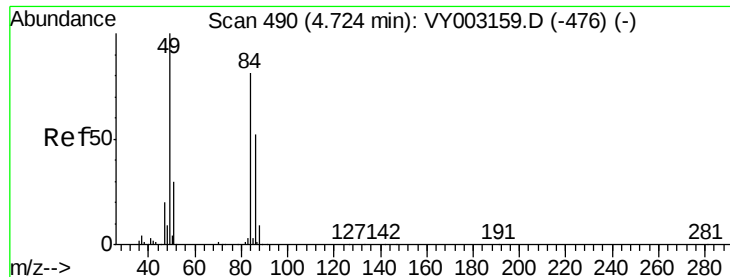
Tot Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#16
Acetone
Concen: 358.063 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

Tgt Ion: 43 Resp: 62787
Ion Ratio Lower Upper
43 100
58 35.7 23.8 35.6#

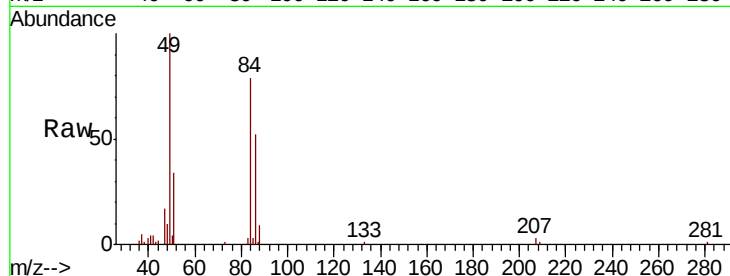




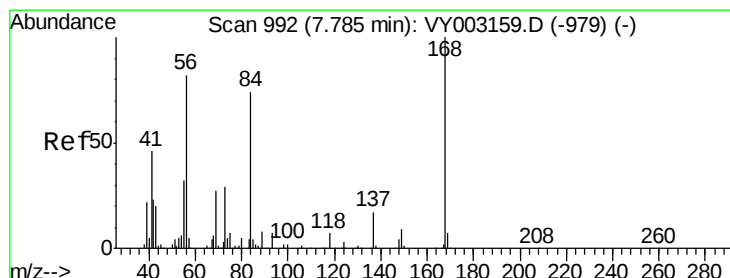
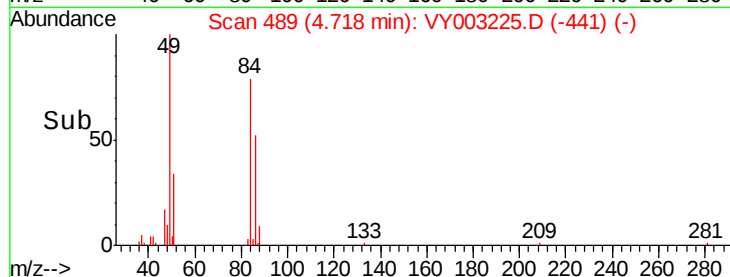
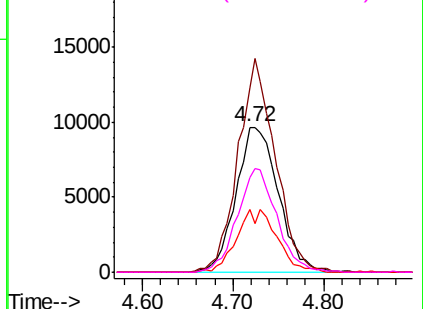
#20
Methvlene Chloride
Concen: 33.621 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
18RE

Tot Ion: 84 Resp: 31251
Ion Ratio Lower Upper
84 100
49 126.5 98.2 147.4
51 43.4 29.8 44.6
86 65.4 51.2 76.8

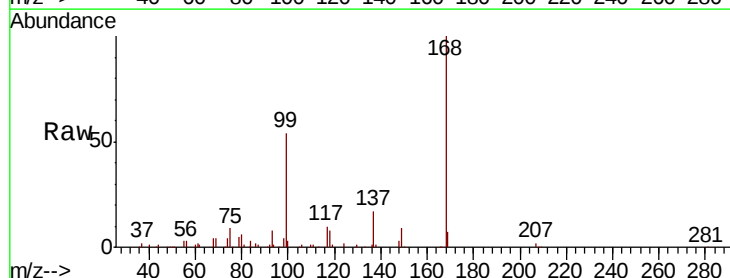


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

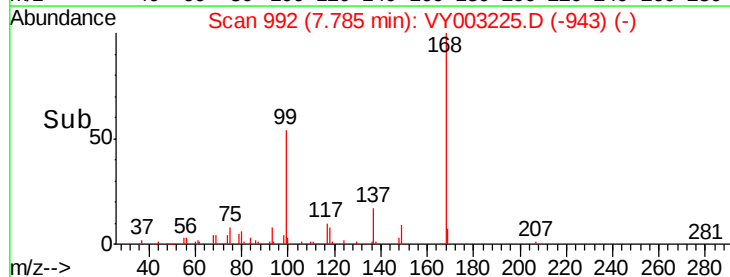
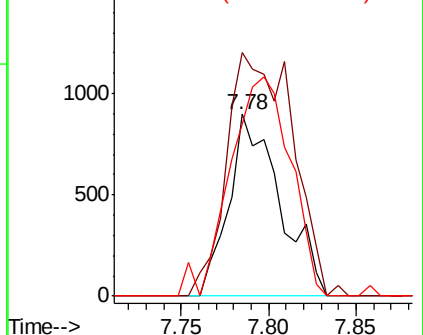


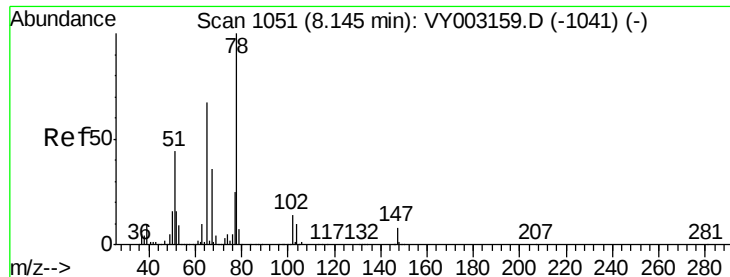
#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.00 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

Tgt Ion: 56 Resp: 1839
Ion Ratio Lower Upper
56 100
69 133.9 26.7 40.1#
84 94.9 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

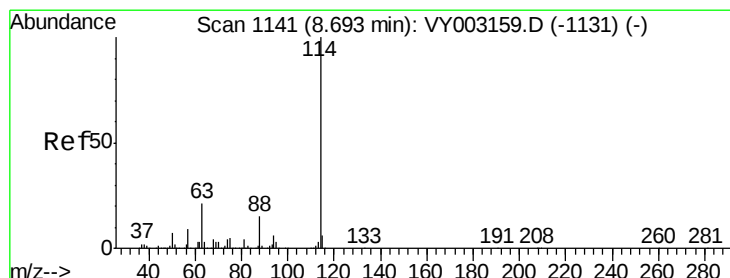
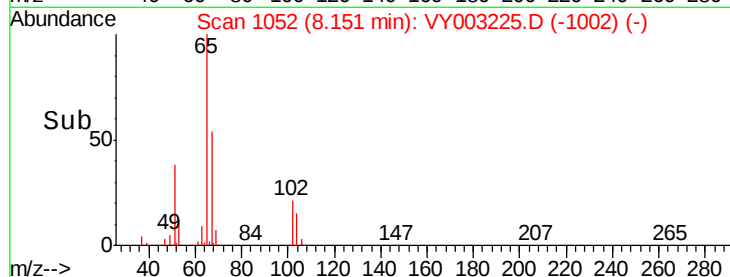
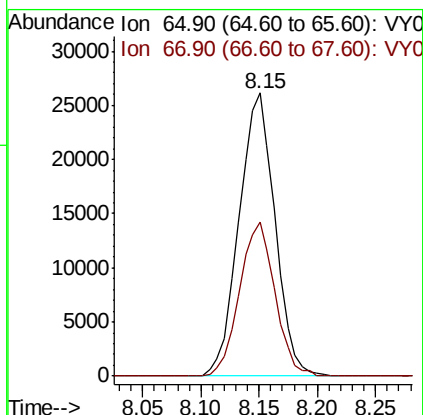
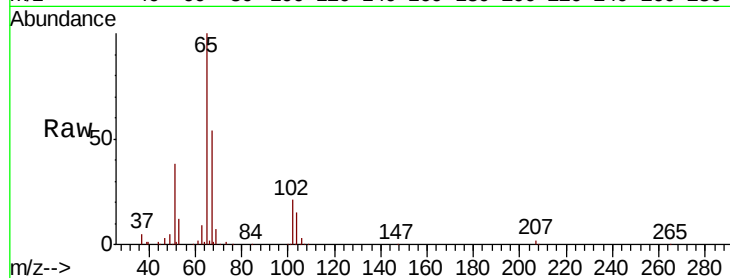




#33
 1,2-Dichloroethane-d4
 Concen: 71.722 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003225.D
 Acq: 16 Jul 2020 21:17

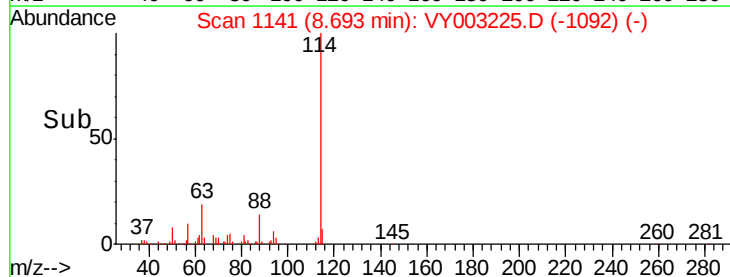
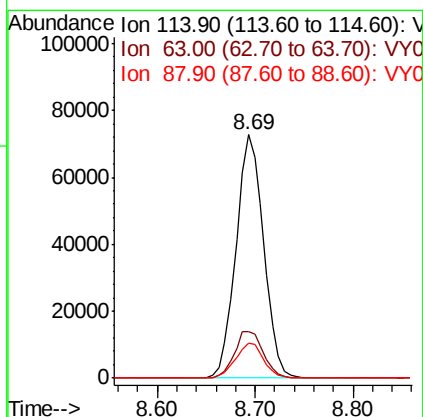
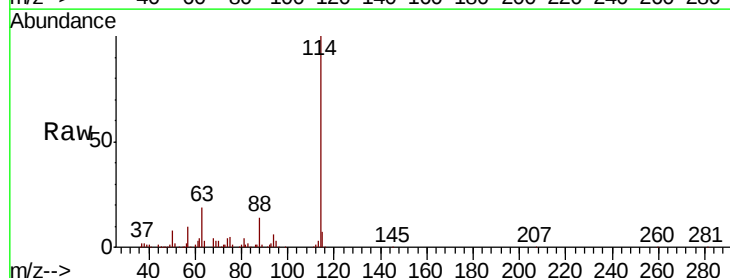
Instrument :
 MSVOA_Y
 ClientSampleId :
 18RE

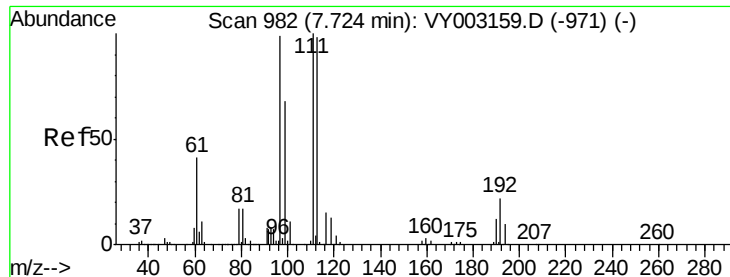
Tot Ion: 65 Resp: 56304
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003225.D
 Acq: 16 Jul 2020 21:17

Tgt Ion: 114 Resp: 142308
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.2
 88 14.4 0.0 30.2

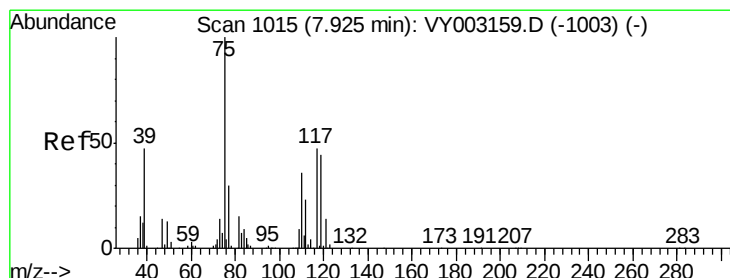
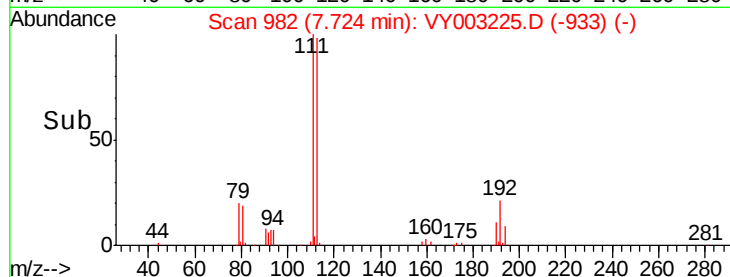
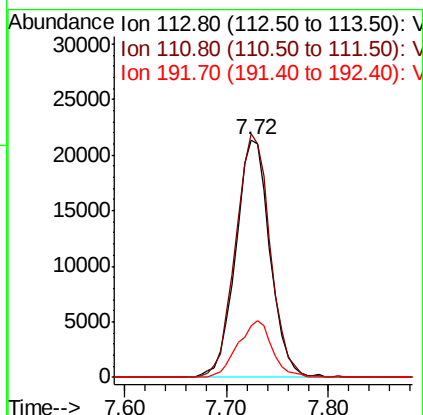
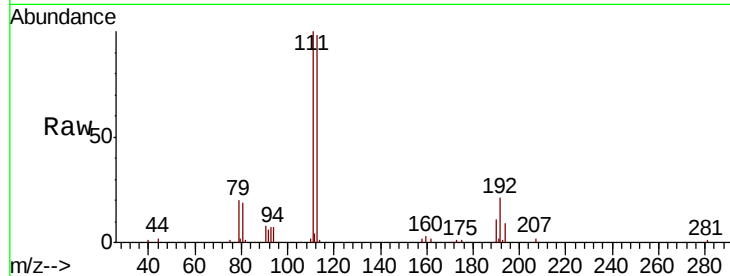




#35
 Dibromofluoromethane
 Concen: 60.545 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003225.D
 Acq: 16 Jul 2020 21:17

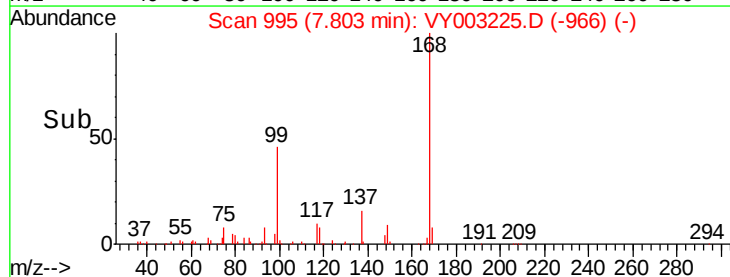
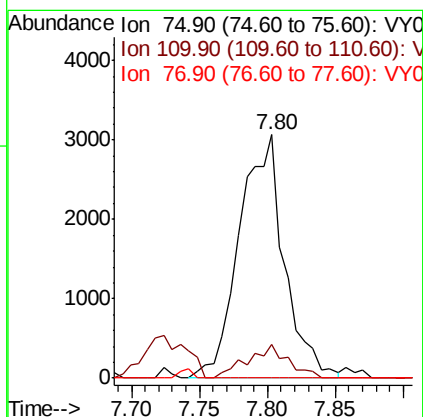
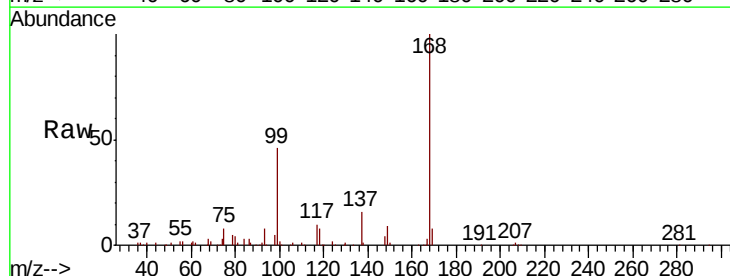
Instrument :
 MSVOA_Y
 ClientSampleId :
 18RE

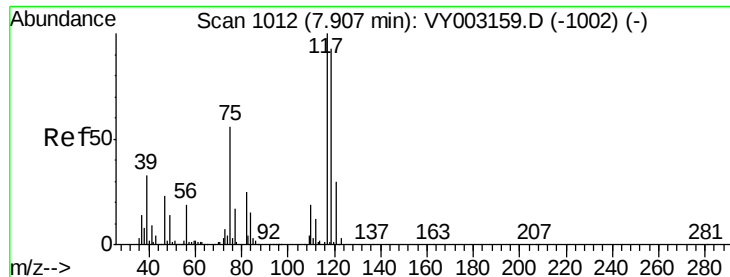
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.1	123.1
192	23.8	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.499 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY003225.D
 Acq: 16 Jul 2020 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.4	18.1	54.1#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.903 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003225.D

Acq: 16 Jul 2020 21:17

Instrument :

MSVOA_Y

ClientSampled :

18RE

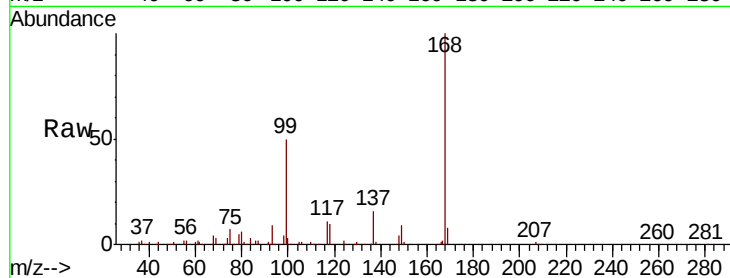
Tot Ion:117 Resp: 9192

Ion Ratio Lower Upper

117 100

119 4.6 74.5 111.7#

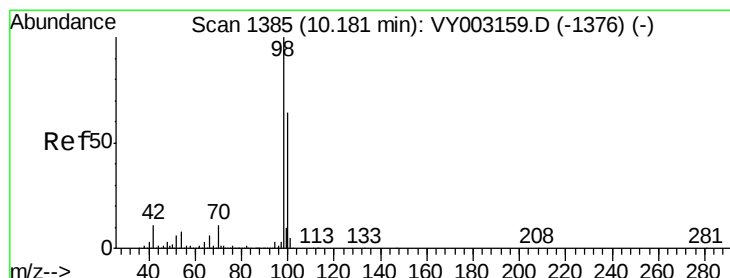
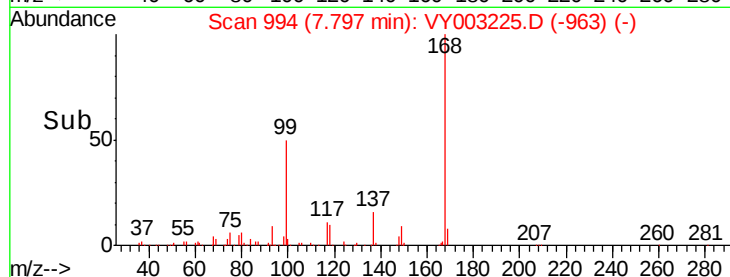
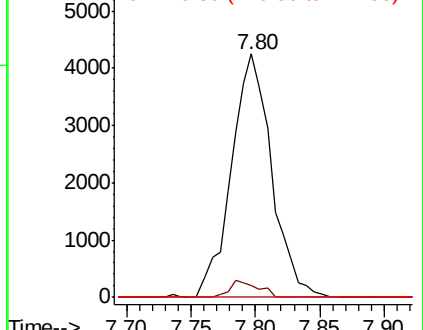
121 0.0 24.2 36.2#



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: 56.121 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003225.D

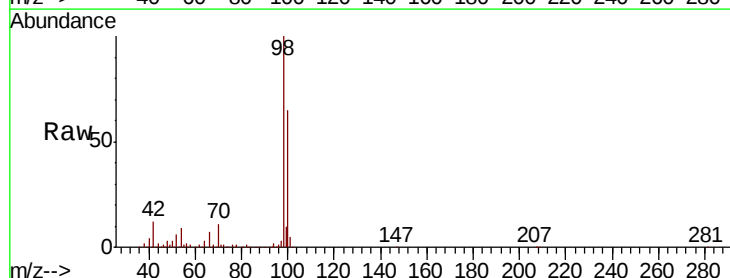
Acq: 16 Jul 2020 21:17

Tgt Ion: 98 Resp: 170871

Ion Ratio Lower Upper

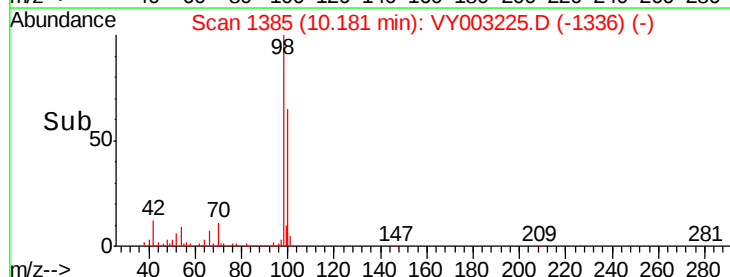
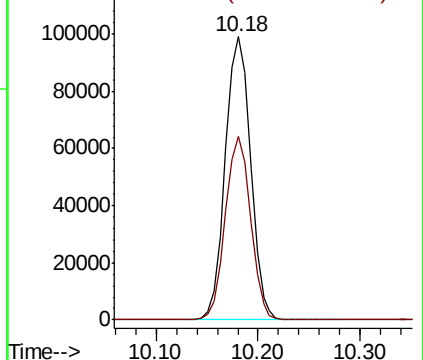
98 100

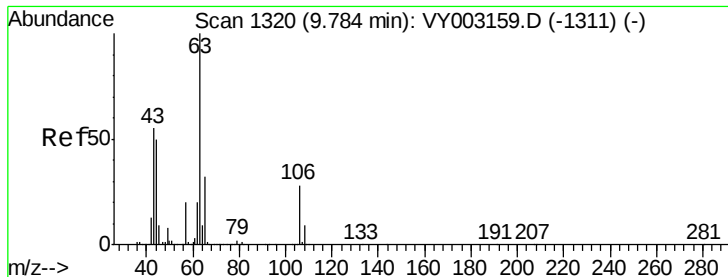
100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

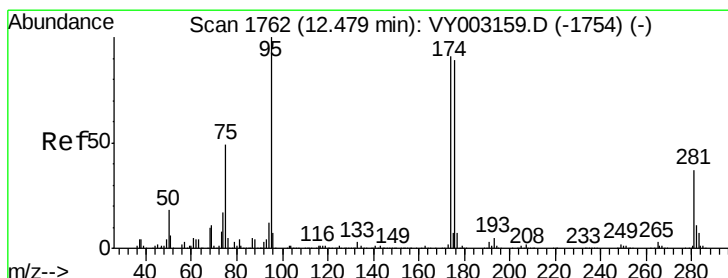
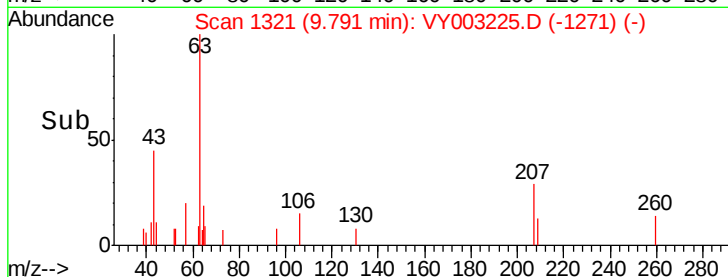
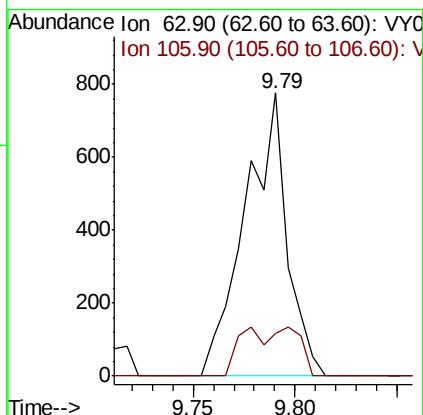
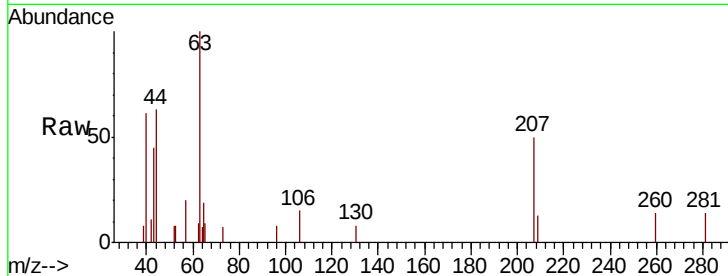




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.116 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: VY003225.D
 Acq: 16 Jul 2020 21:17

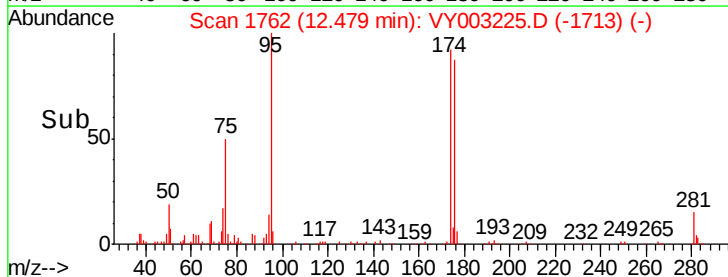
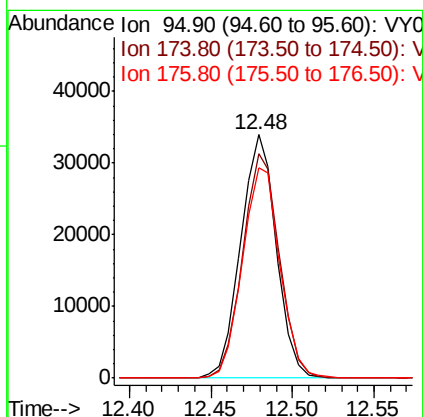
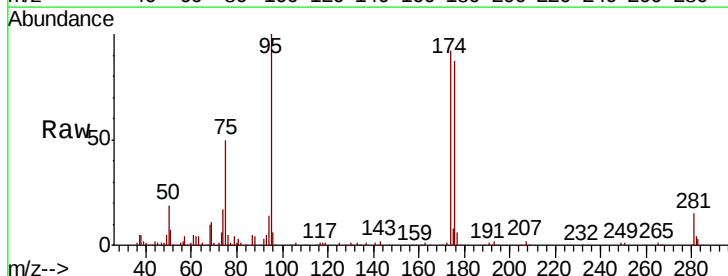
Instrument :
 MSVOA_Y
 ClientSampled :
 18RE

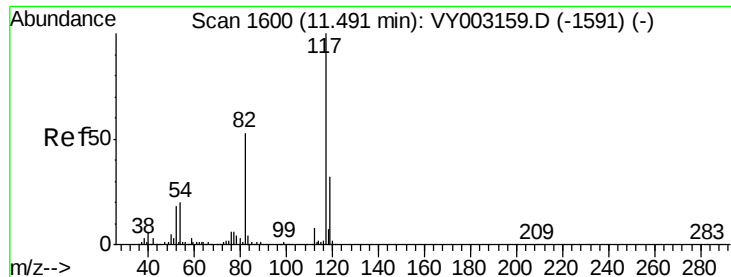
Tot Ion: 63 Resp: 1116
 Ion Ratio Lower Upper
 63 100
 106 10.8 22.9 34.3#



#62
 4-Bromofluorobenzene
 Concen: 46.919 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003225.D
 Acq: 16 Jul 2020 21:17

Tgt Ion: 95 Resp: 51608
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 190.6
 176 91.1 0.0 186.4

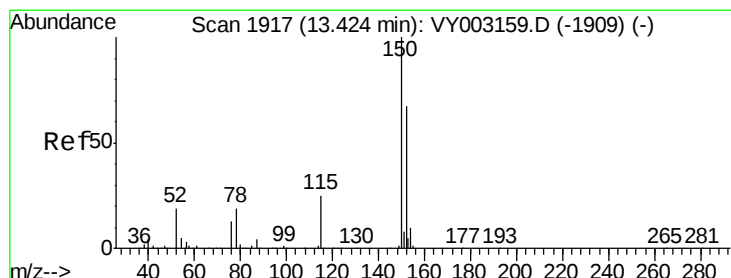
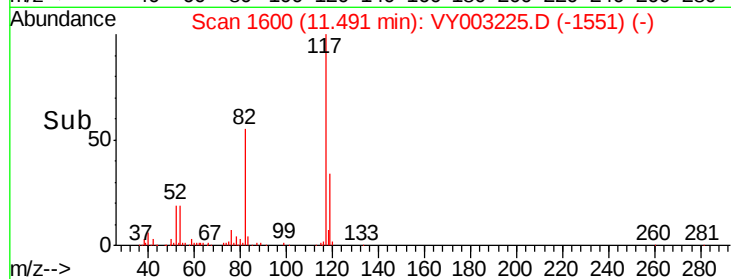
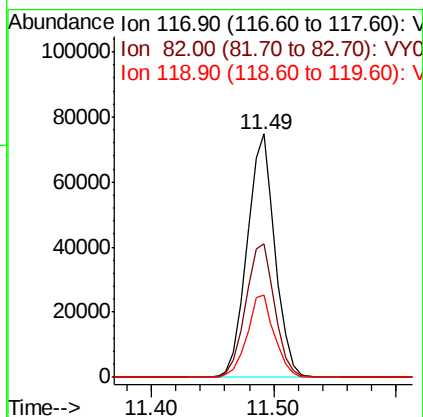
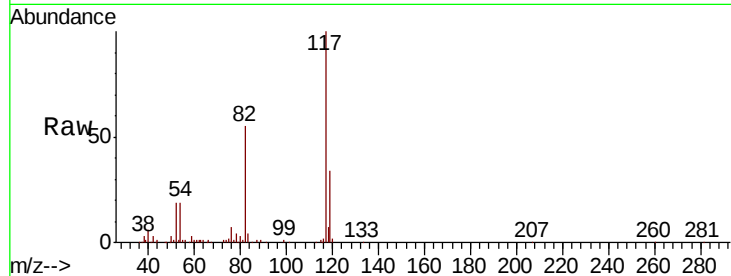




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

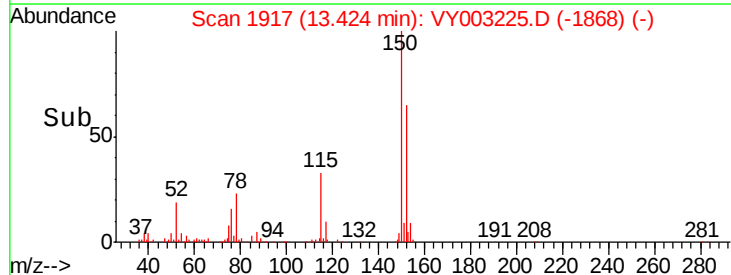
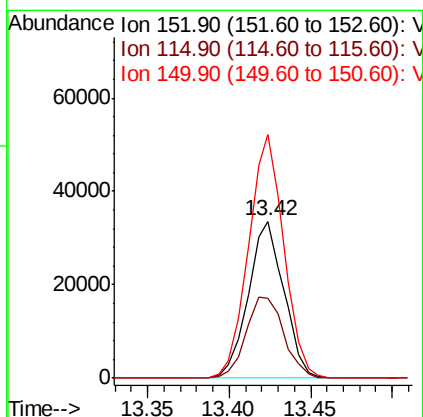
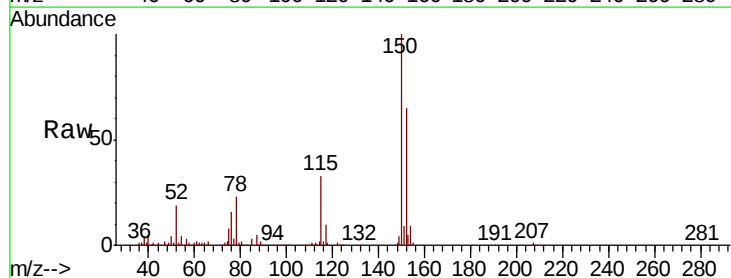
Instrument :
MSVOA_Y
ClientSampleId :
18RE

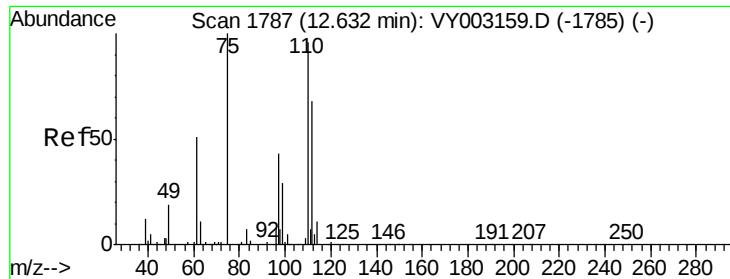
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.0	63.0
119	33.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003225.D
Acq: 16 Jul 2020 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.9	80.7
150	153.4	0.0	338.0





#76

1,2,3-Trichloropropane

Concen: 57.434 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003225.D

Acq: 16 Jul 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

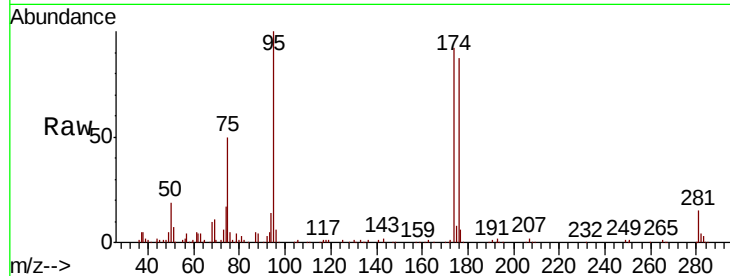
18RE

Tot Ion: 75 Resp: 25898

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

20000

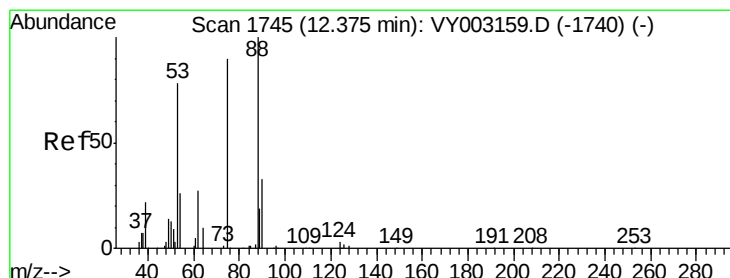
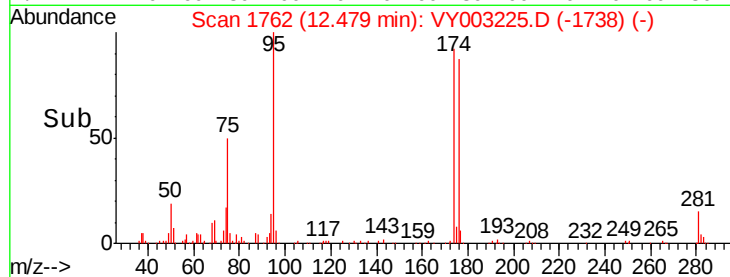
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 111.778 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003225.D

Acq: 16 Jul 2020 21:17

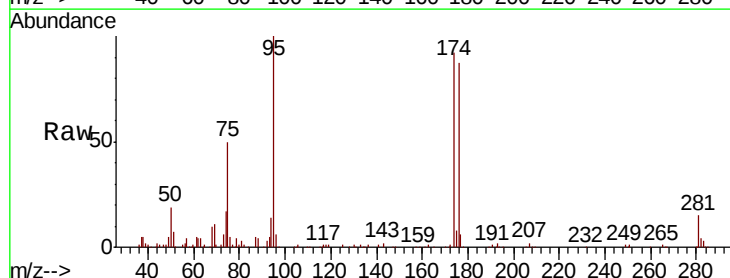
Tgt Ion: 75 Resp: 25898

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.2 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

20000

15000

10000

5000

0

Time-->

