

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003292.D
 Acq On : 22 Jul 2020 16:45
 Operator : SY/MD
 Sample : L3366-07RE
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2ARE

Quant Time: Jul 23 05:43:50 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

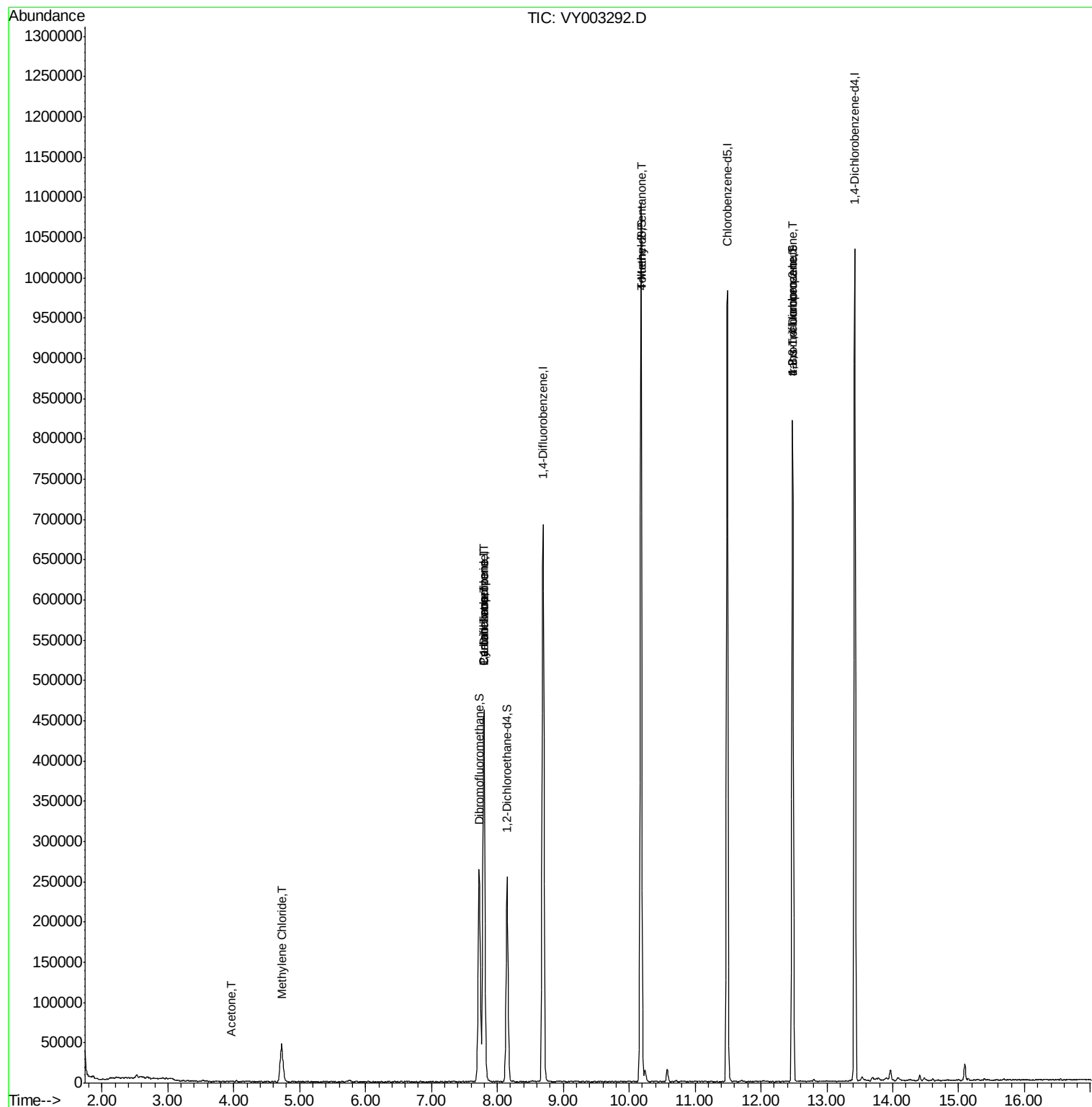
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	378190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	596167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	547765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	269113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	195102	61.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.24%	
35) Dibromofluoromethane	7.72	113	185013	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.18	98	729008	57.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.30%	
62) 4-Bromofluorobenzene	12.48	95	229569	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
Target Compounds						
16) Acetone	3.96	43	1421	1.993	ug/l	89
20) Methylene Chloride	4.72	84	33709	4.383	ug/l	99
31) Cyclohexane	7.79	56	7038	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	26034	4.818	ug/l #	50
38) Carbon Tetrachloride	7.80	117	34399	6.167	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	3149	1.076	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	118057	49.560	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	118057	96.453	ug/l #	13

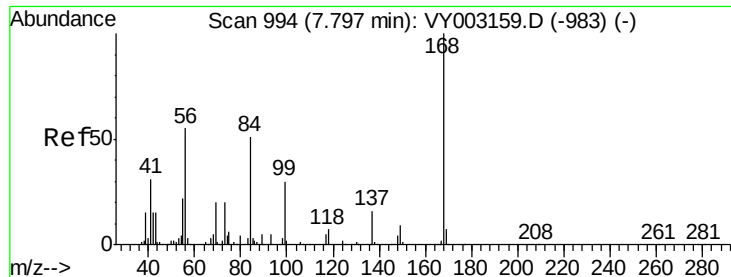
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
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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: VY003292.D

Acq: 22 Jul 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

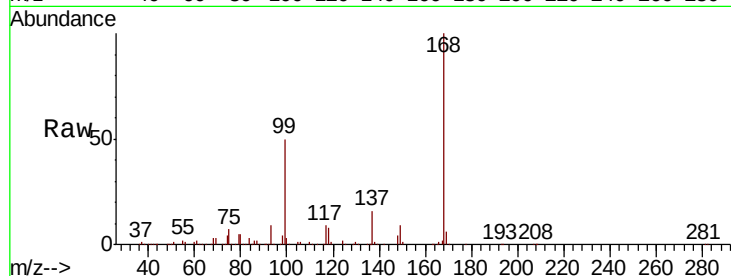
SP-2ARE

Tot Ion:168 Resp: 378190

Ion Ratio Lower Upper

168 100

99 50.0 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

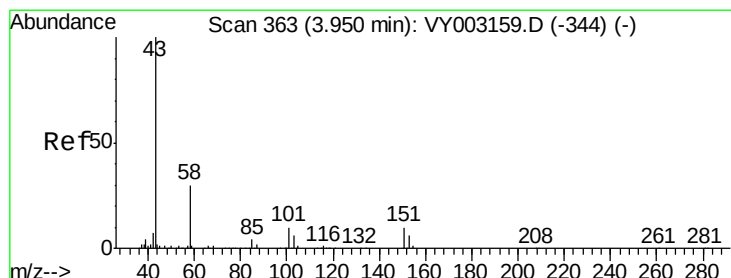
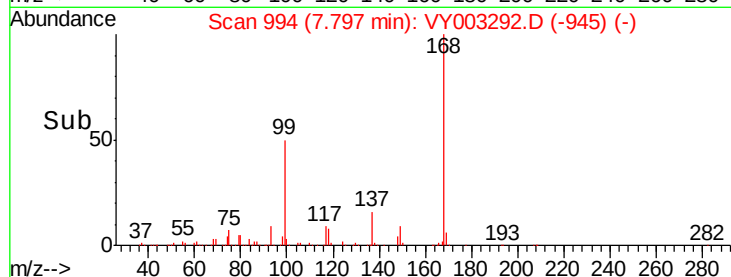
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.993 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003292.D

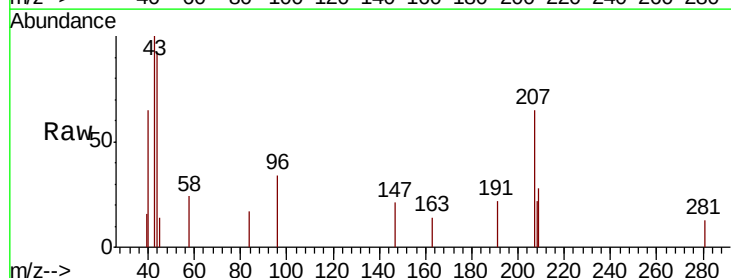
Acq: 22 Jul 2020 16:45

Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

58 24.0 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

500

400

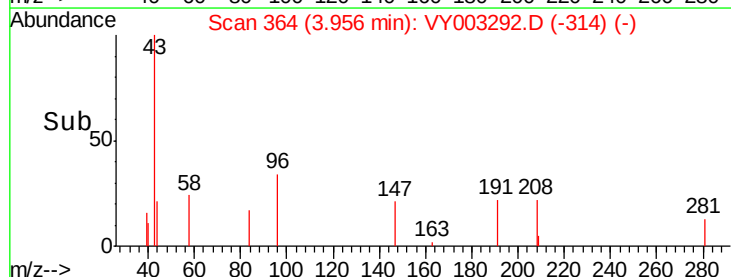
300

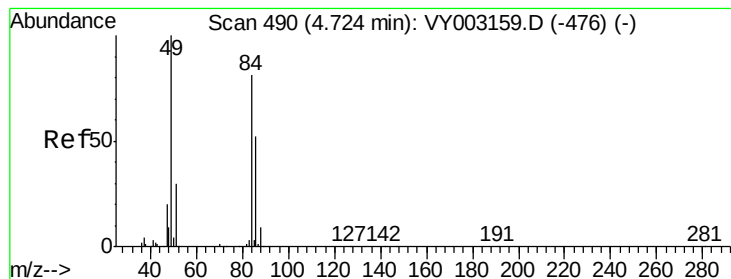
200

100

0

Time-->





#20

Methylene Chloride

Concen: 4.383 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003292.D

Acq: 22 Jul 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

SP-2ARE

Tot Ion: 84 Resp: 33709

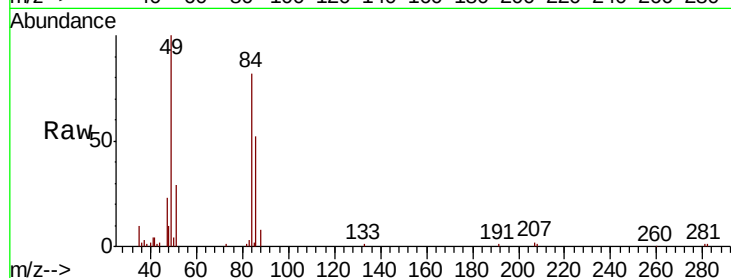
Ion Ratio Lower Upper

84 100

49 121.9 98.2 147.4

51 35.5 29.8 44.6

86 63.1 51.2 76.8

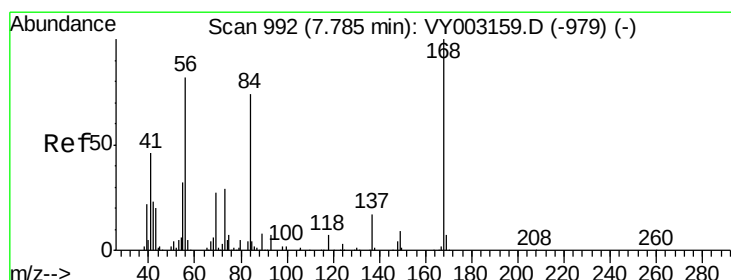
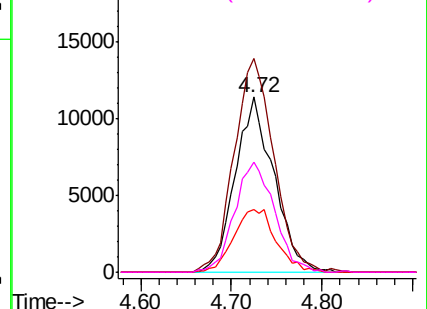
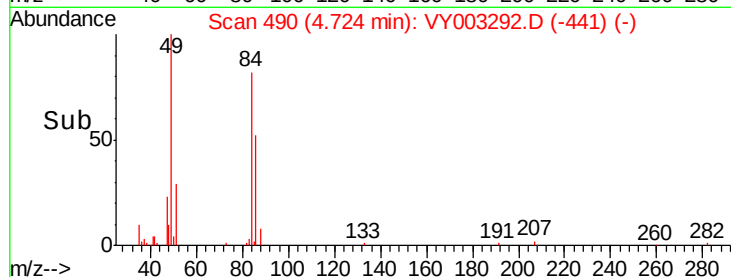


Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 1.212 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003292.D

Acq: 22 Jul 2020 16:45

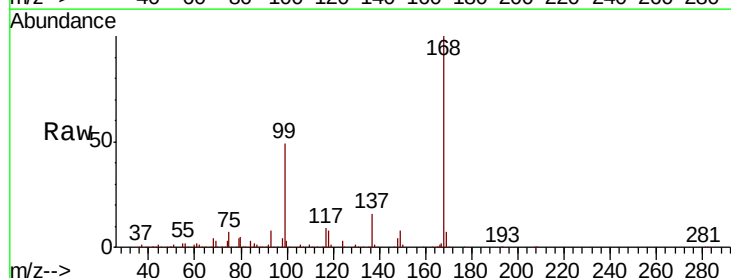
Tgt Ion: 56 Resp: 7038

Ion Ratio Lower Upper

56 100

69 166.0 26.7 40.1#

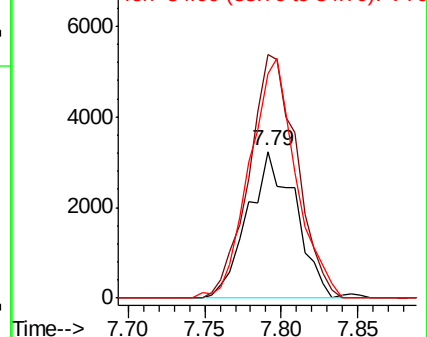
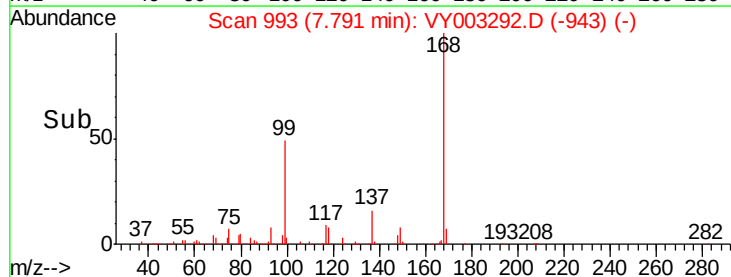
84 153.3 72.3 108.5#

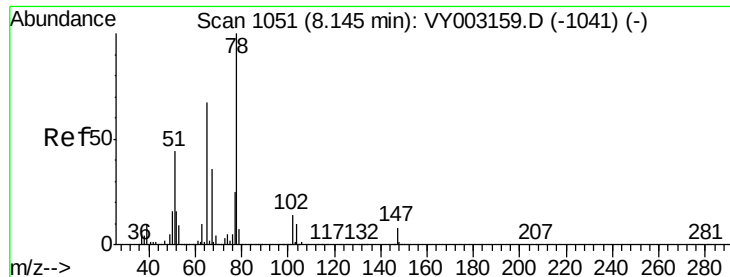


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

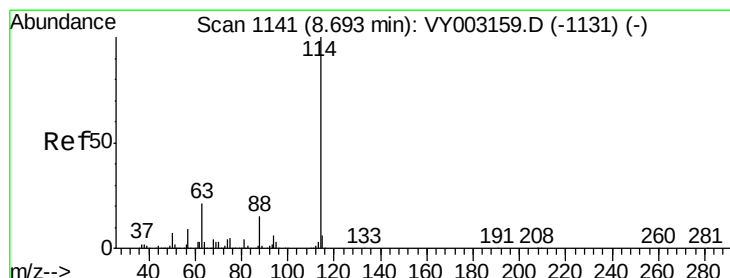
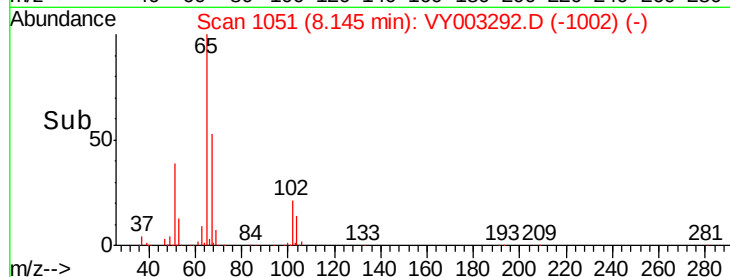
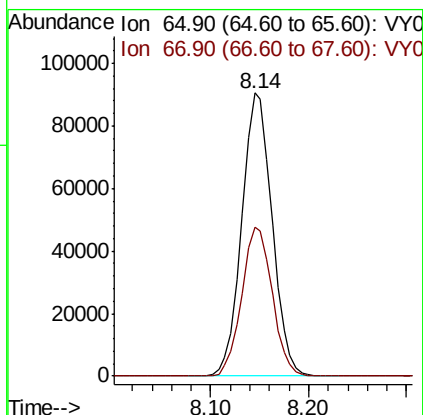
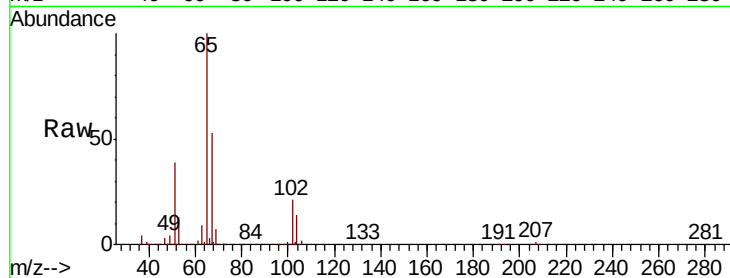




#33
 1,2-Dichloroethane-d4
 Concen: 61.121 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003292.D
 Acq: 22 Jul 2020 16:45

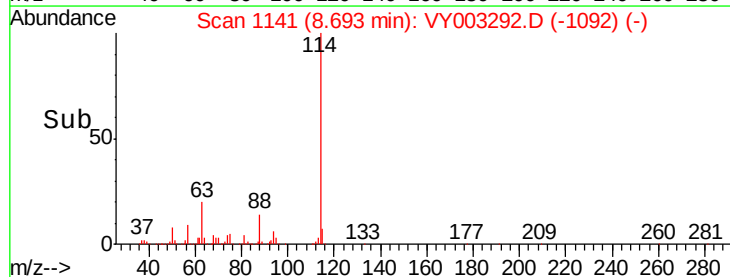
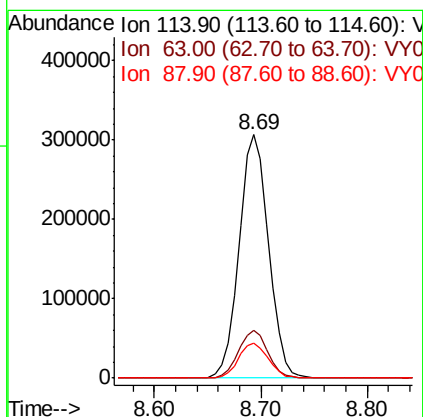
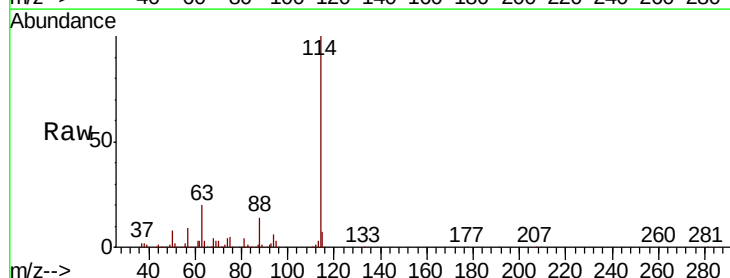
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2ARE

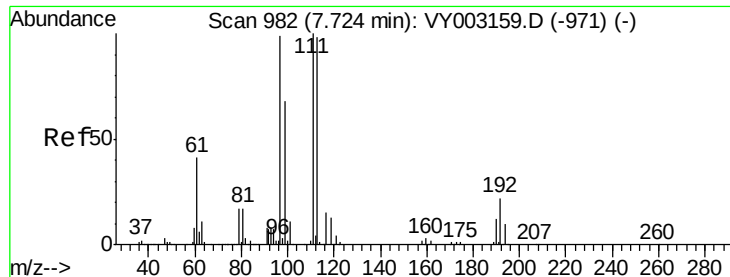
Tot Ion: 65 Resp: 195102
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003292.D
 Acq: 22 Jul 2020 16:45

Tgt Ion: 114 Resp: 596167
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.2
 88 14.1 0.0 30.2

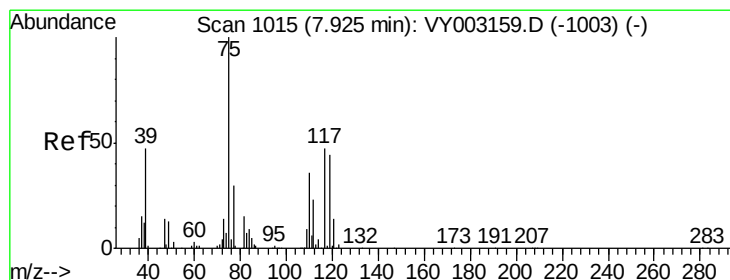
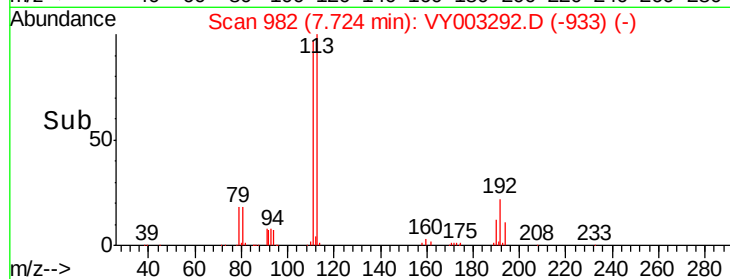
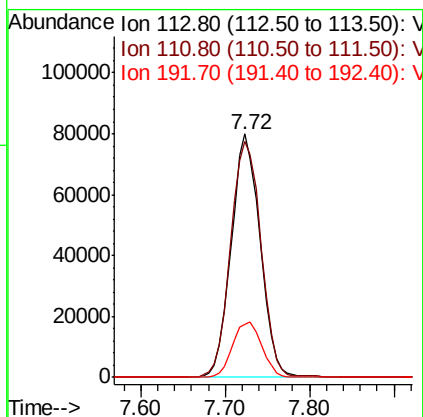
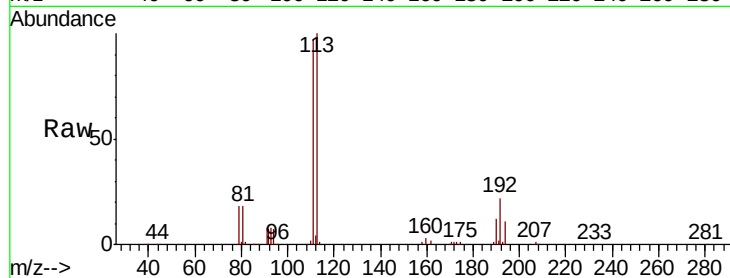




#35
 Dibromofluoromethane
 Concen: 53.927 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003292.D
 Acq: 22 Jul 2020 16:45

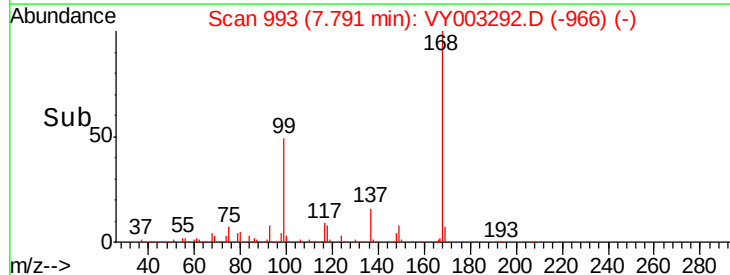
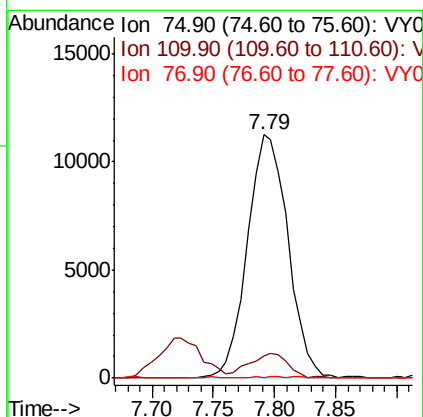
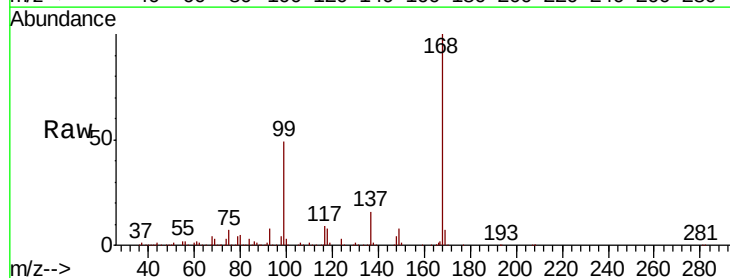
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2ARE

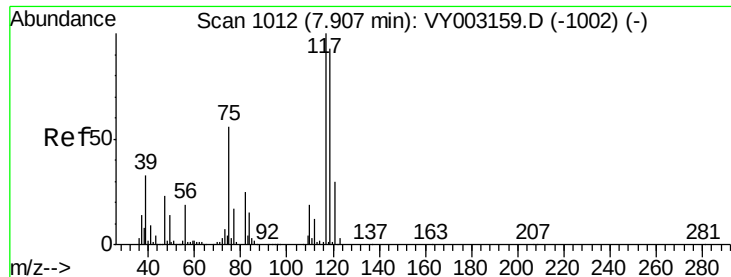
Tot Ion:113 Resp: 185013
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.1 123.1
 192 23.0 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.818 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003292.D
 Acq: 22 Jul 2020 16:45

Tgt Ion: 75 Resp: 26034
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.1#
 77 0.3 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.167 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003292.D

Acq: 22 Jul 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

SP-2ARE

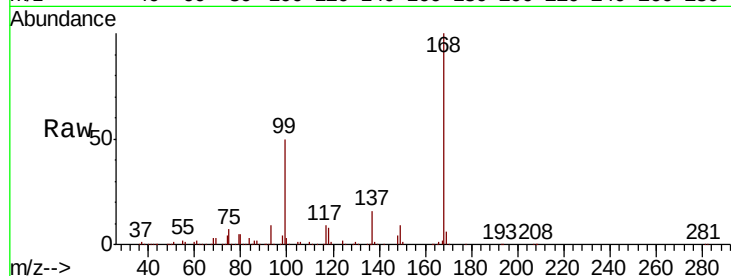
Tot Ion:117 Resp: 34399

Ion Ratio Lower Upper

117 100

119 6.4 74.5 111.7#

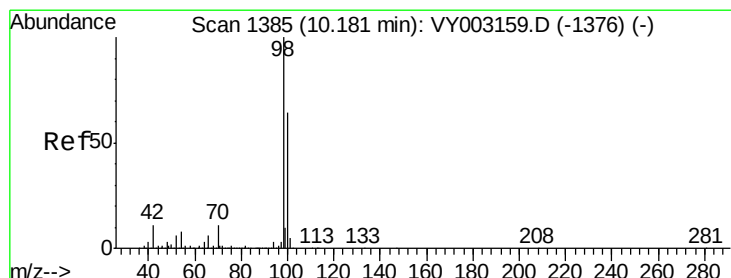
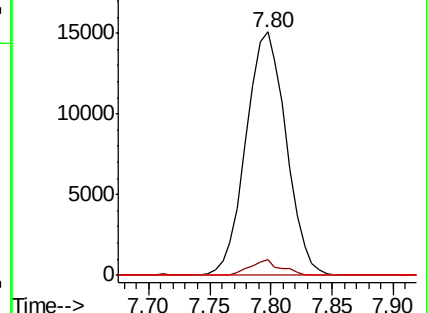
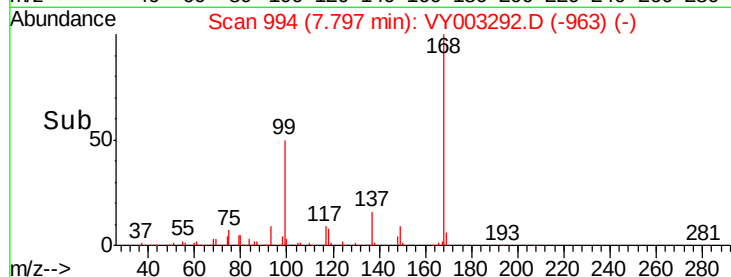
121 0.0 24.2 36.2#



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: 57.154 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003292.D

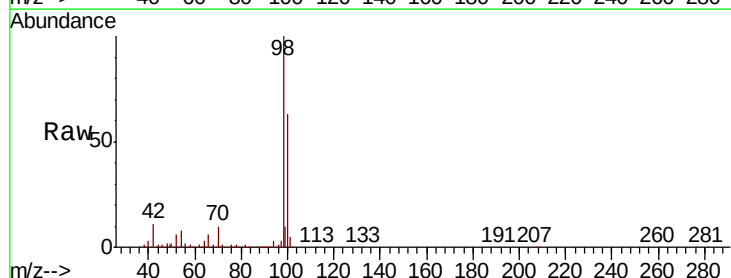
Acq: 22 Jul 2020 16:45

Tgt Ion: 98 Resp: 729008

Ion Ratio Lower Upper

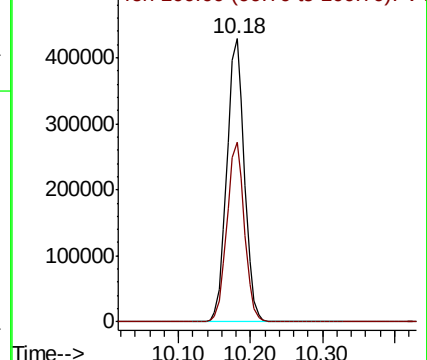
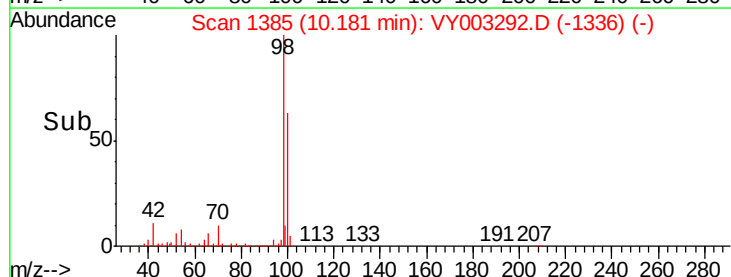
98 100

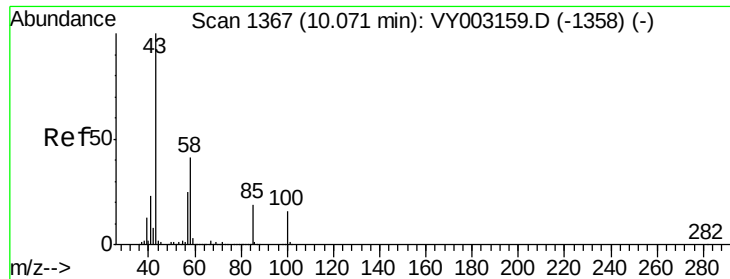
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.076 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003292.D

Acq: 22 Jul 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

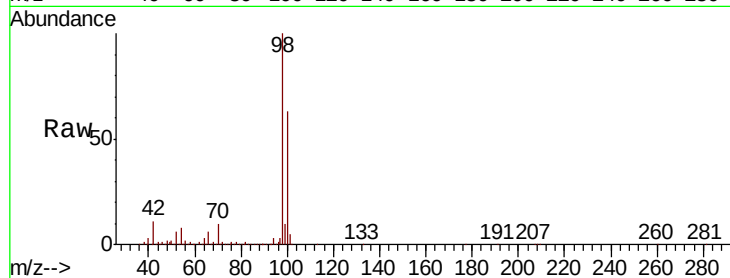
SP-2ARE

Tot Ion: 43 Resp: 3149

Ion Ratio Lower Upper

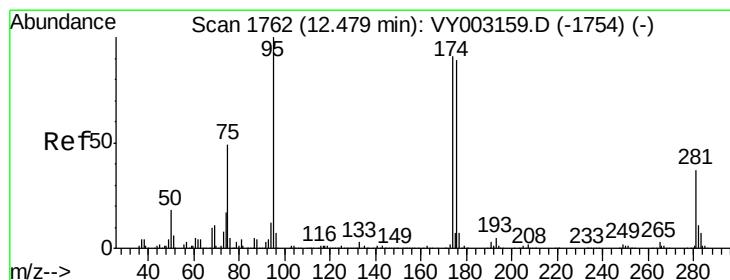
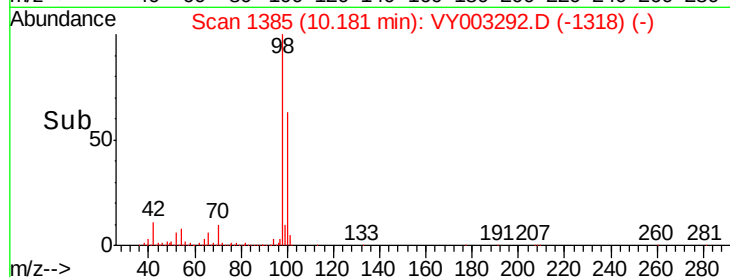
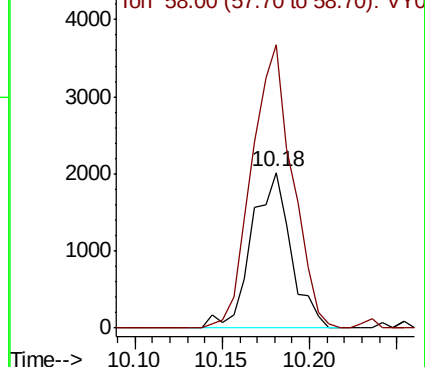
43 100

58 189.7 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 49.820 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003292.D

Acq: 22 Jul 2020 16:45

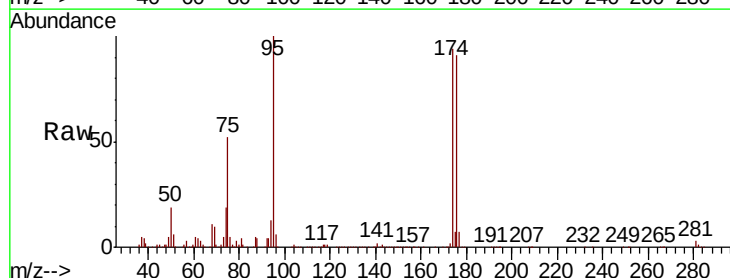
Tgt Ion: 95 Resp: 229569

Ion Ratio Lower Upper

95 100

174 96.2 0.0 190.6

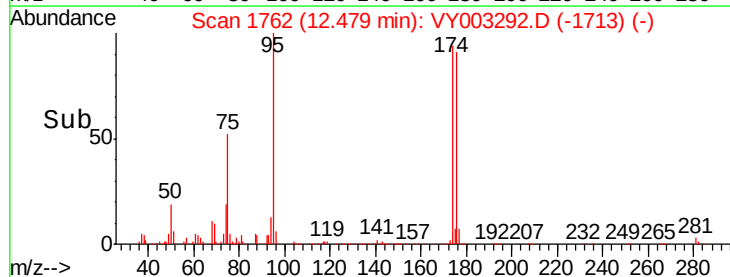
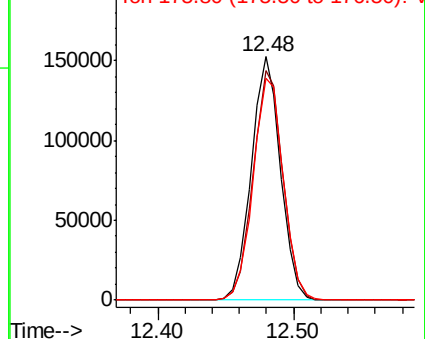
176 94.6 0.0 186.4

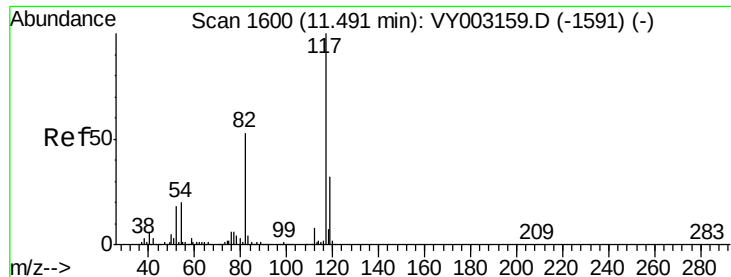


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

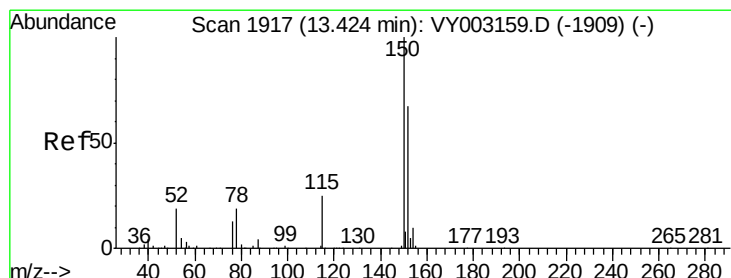
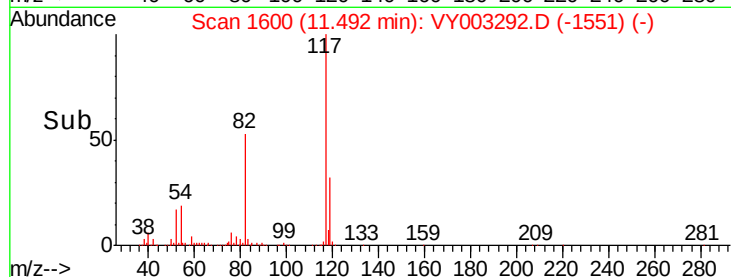
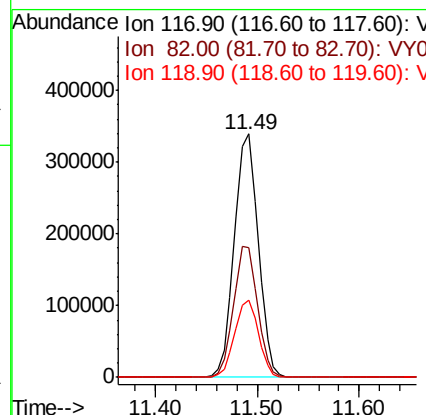
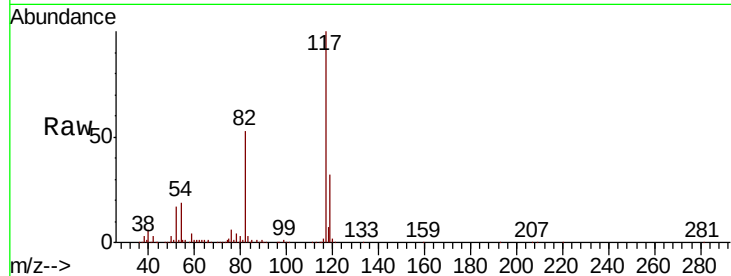




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003292.D
Acq: 22 Jul 2020 16:45

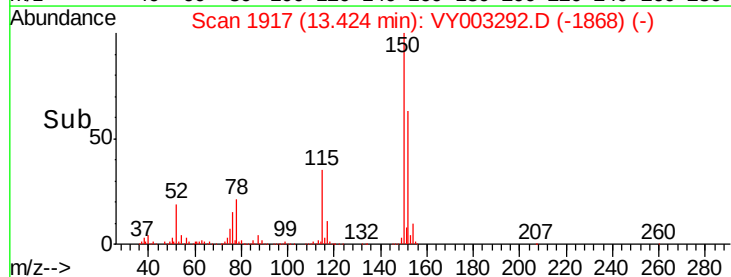
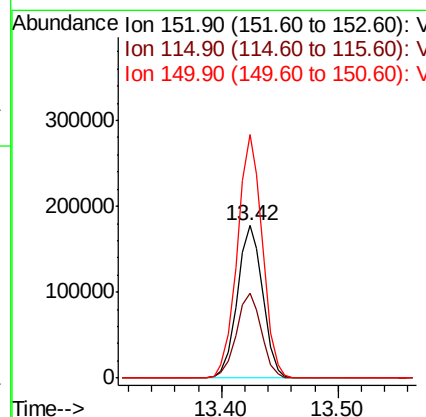
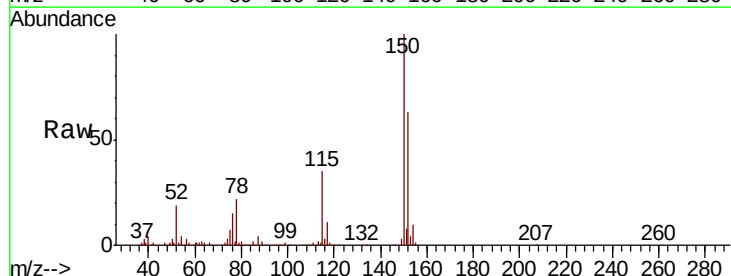
Instrument :
MSVOA_Y
ClientSampled :
SP-2ARE

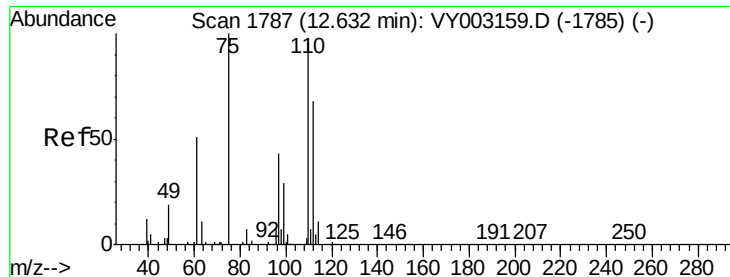
Tot Ion:117 Resp: 547765
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003292.D
Acq: 22 Jul 2020 16:45

Tgt Ion:152 Resp: 269113
Ion Ratio Lower Upper
152 100
115 54.9 26.9 80.7
150 157.3 0.0 338.0

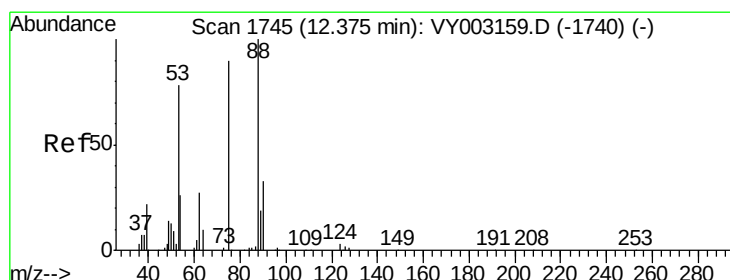
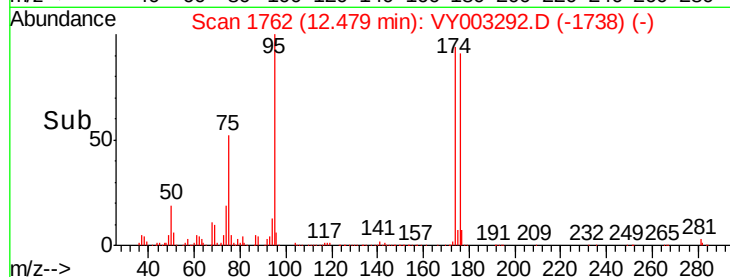
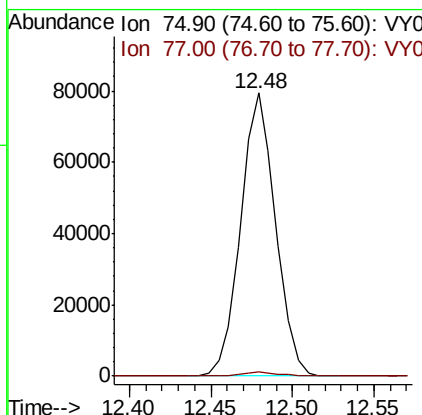
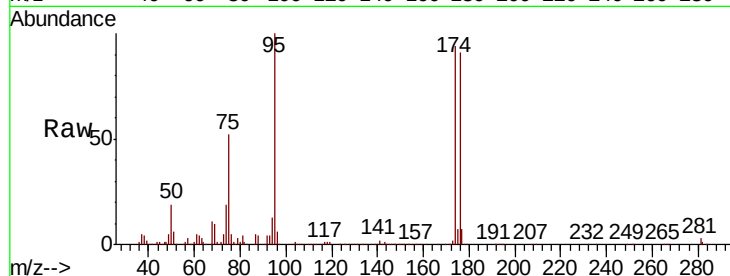




#76
 1,2,3-Trichloropropane
 Concen: 49.560 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003292.D
 Acq: 22 Jul 2020 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2ARE

Tot Ion: 75 Resp: 118057
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.453 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003292.D
 Acq: 22 Jul 2020 16:45

Tgt Ion: 75 Resp: 118057
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.0 108.0#
 89 0.0 37.3 55.9#

