

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003261.D
 Acq On : 21 Jul 2020 20:03
 Operator : SY/MD
 Sample : L3335-10
 Misc : 6.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-D2

Quant Time: Jul 22 02:45:39 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	426491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	661986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	598104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	300637	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	212625	59.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.14%	
35) Dibromofluoromethane	7.72	113	199905	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.18	98	800241	56.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.00%	
62) 4-Bromofluorobenzene	12.48	95	255552	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

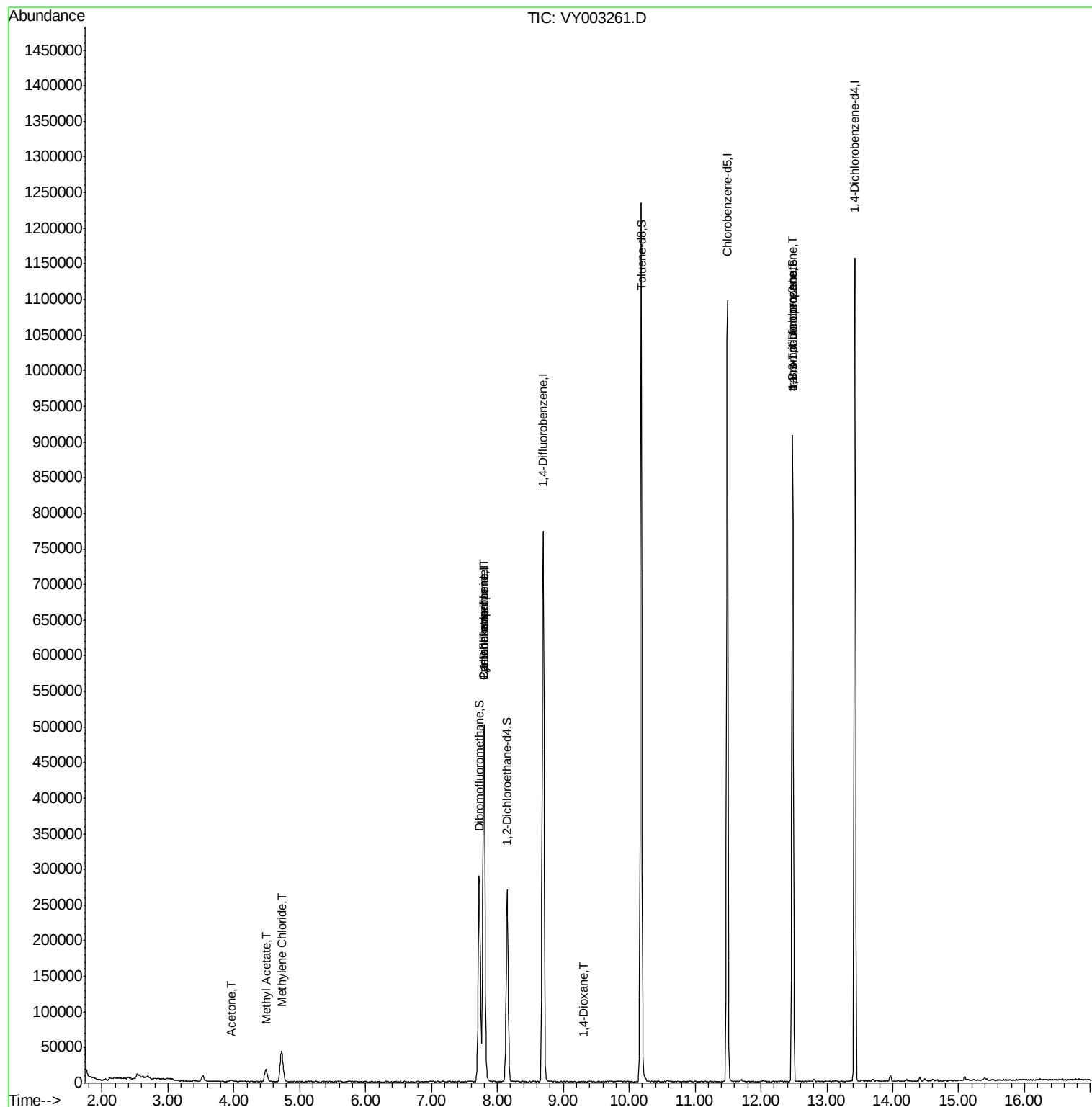
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	3160	3.930	ug/l	94
18) Methyl Acetate	4.49	43	34312	15.366	ug/l	95
20) Methylene Chloride	4.72	84	33184	3.041	ug/l	97
31) Cyclohexane	7.79	56	7926	1.211	ug/l #	4
36) 1,1-Dichloropropene	7.79	75	28631	4.772	ug/l #	50
38) Carbon Tetrachloride	7.80	117	37176	6.002	ug/l #	17
49) 1,4-Dioxane	9.31	88	86	2.714	ug/l #	28
76) 1,2,3-Trichloropropane	12.48	75	130374	48.992	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	130374	95.347	ug/l #	13

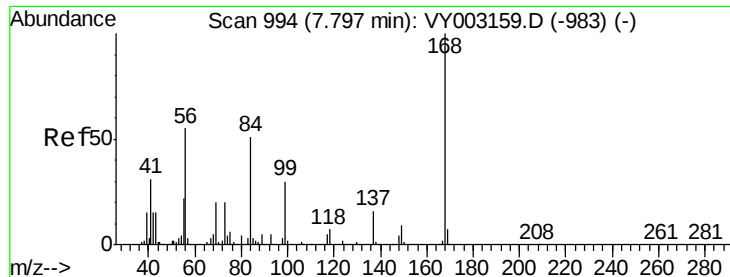
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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Misc : 6.86G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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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: VY003261.D

Acq: 21 Jul 2020 20:03

Instrument :

MSVOA_Y

ClientSampled :

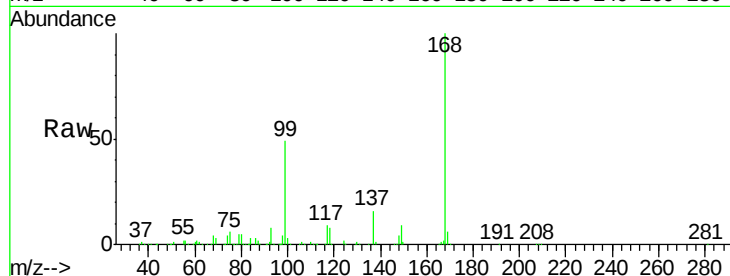
TP-11-D2

Tot Ion:168 Resp: 426491

Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003261.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003261.D (-945) (-)

7.80

200000

150000

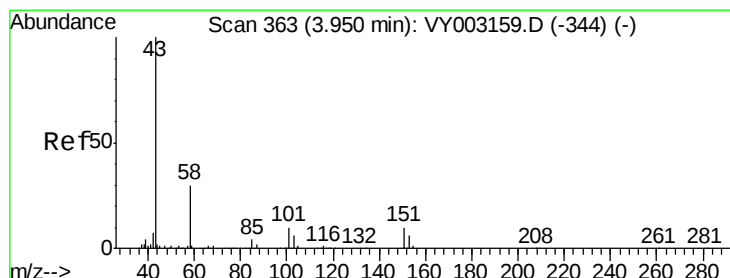
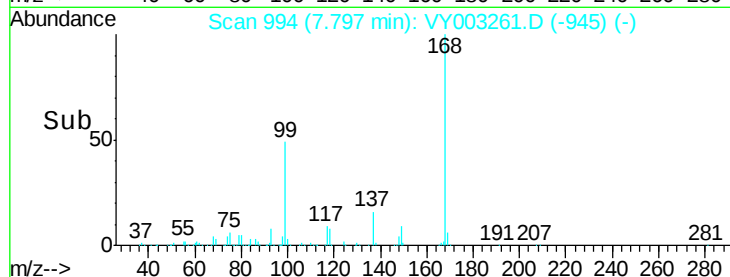
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#16

Acetone

Concen: 3.930 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003261.D

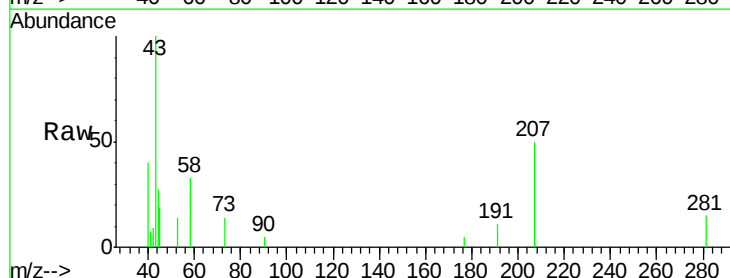
Acq: 21 Jul 2020 20:03

Tgt Ion: 43 Resp: 3160

Ion Ratio Lower Upper

43 100

58 32.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003261.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003261.D (-314) (-)

3.96

1200

1000

800

600

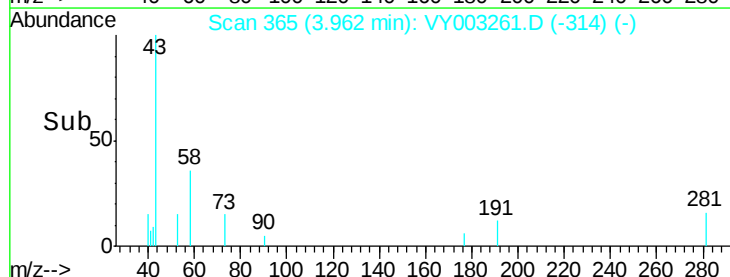
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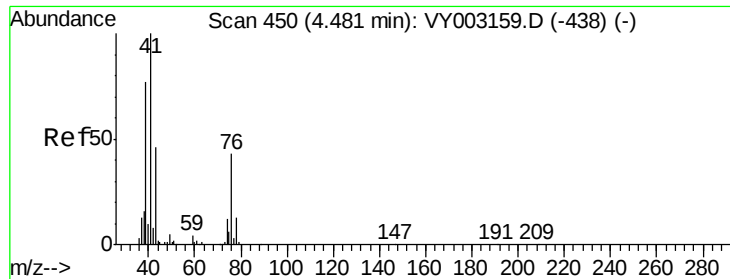
200

0

3.85 3.90 3.95 4.00 4.05

Time-->

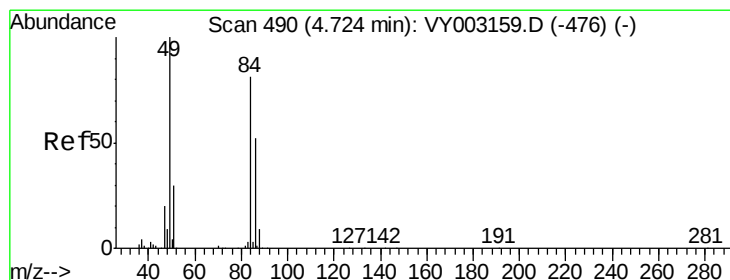
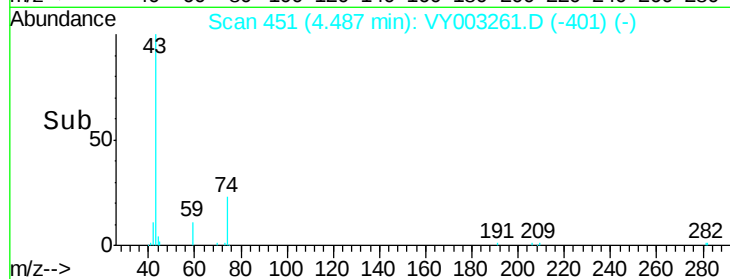
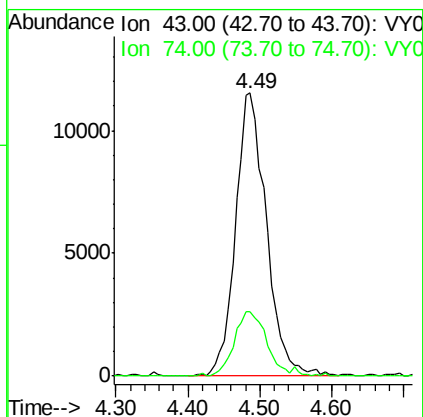
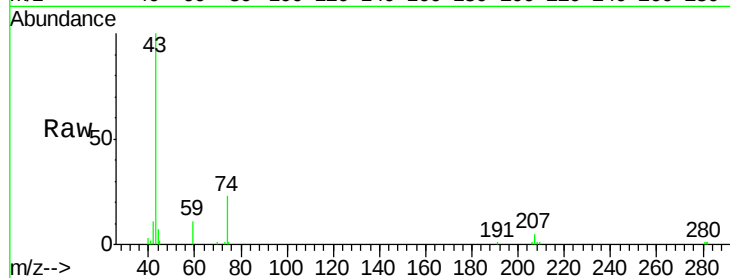




#18
Methvl Acetate
Concen: 15.366 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003261.D
Acq: 21 Jul 2020 20:03

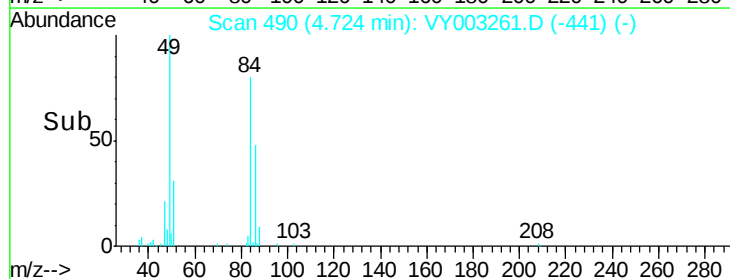
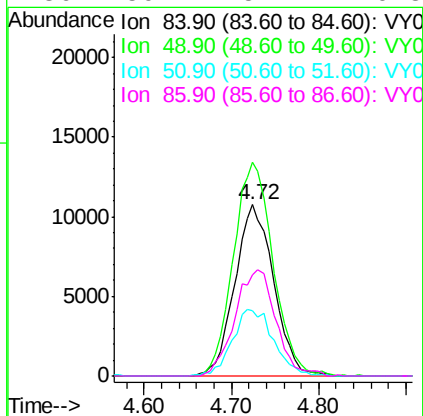
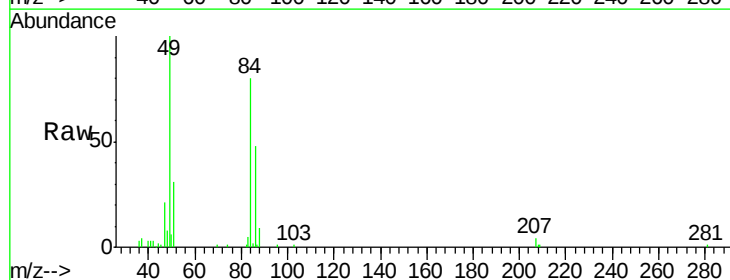
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-D2

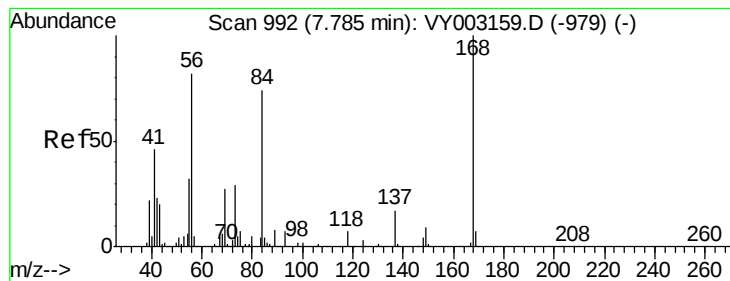
Tot Ion: 43 Resp: 34312
Ion Ratio Lower Upper
43 100
74 23.5 20.8 31.2



#20
Methylene Chloride
Concen: 3.041 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003261.D
Acq: 21 Jul 2020 20:03

Tgt Ion: 84 Resp: 33184
Ion Ratio Lower Upper
84 100
49 124.9 98.2 147.4
51 38.2 29.8 44.6
86 59.4 51.2 76.8





#31

Cyclohexane

Concen: 1.211 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003261.D

Acq: 21 Jul 2020 20:03

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-D2

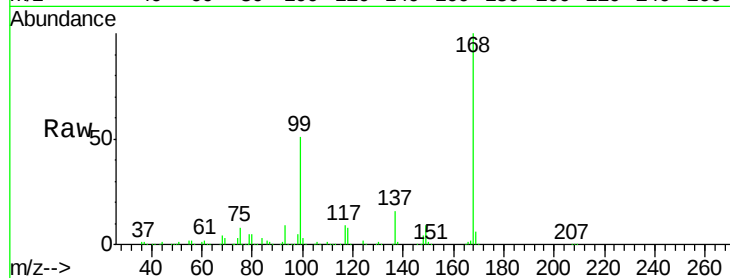
Tot Ion: 56 Resp: 7926

Ion Ratio Lower Upper

56 100

69 153.6 26.7 40.1#

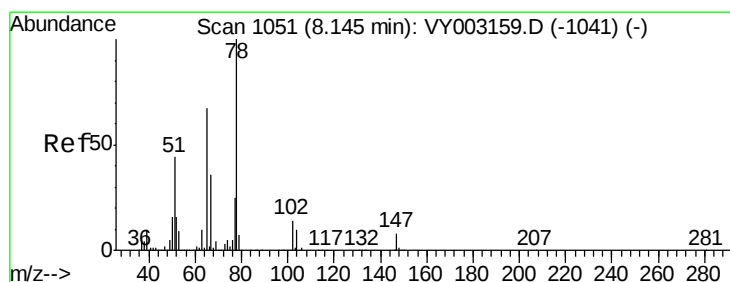
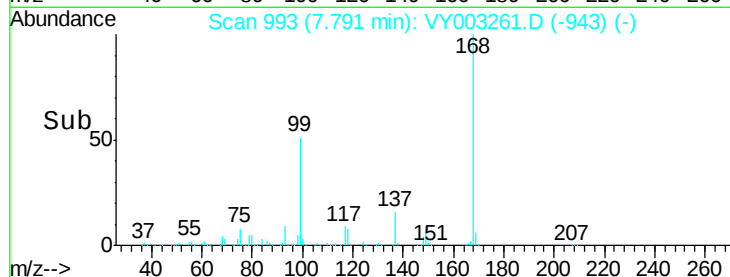
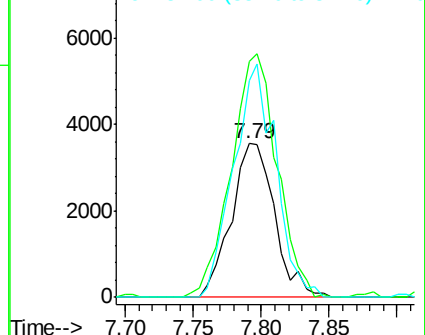
84 141.0 72.3 108.5#



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: 59.067 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003261.D

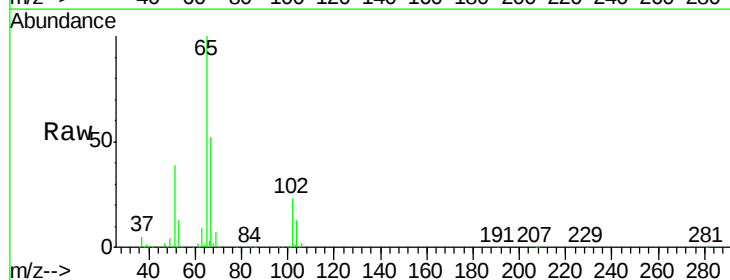
Acq: 21 Jul 2020 20:03

Tgt Ion: 65 Resp: 212625

Ion Ratio Lower Upper

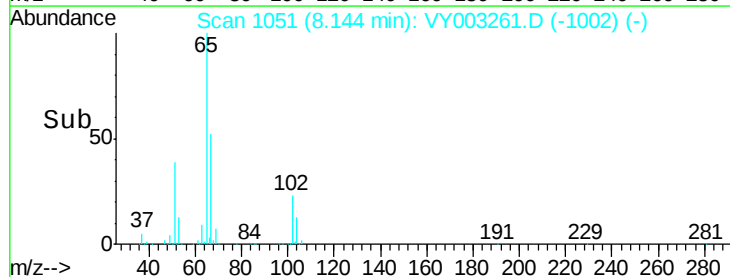
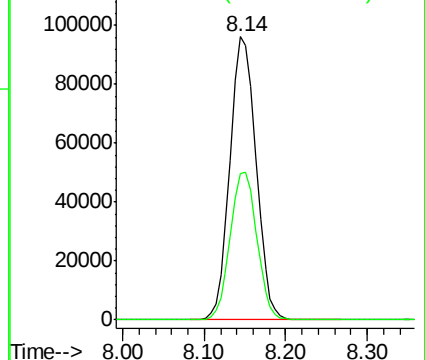
65 100

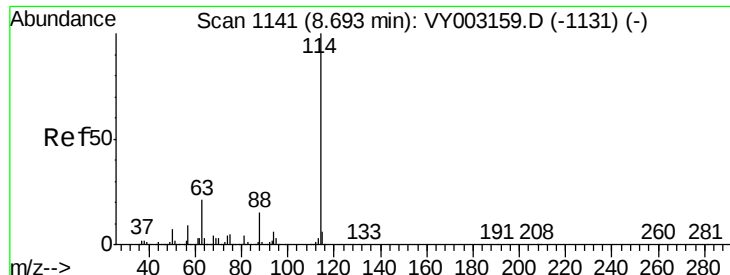
67 53.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

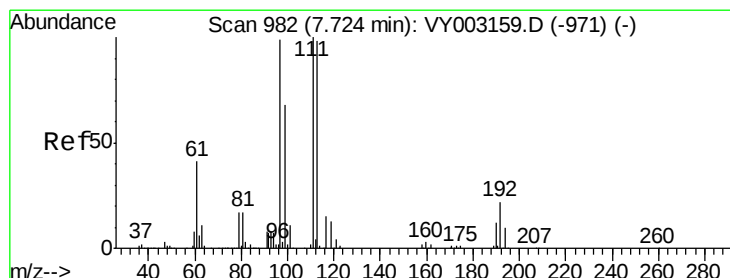
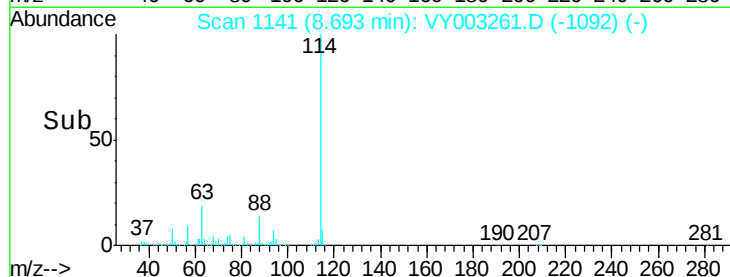
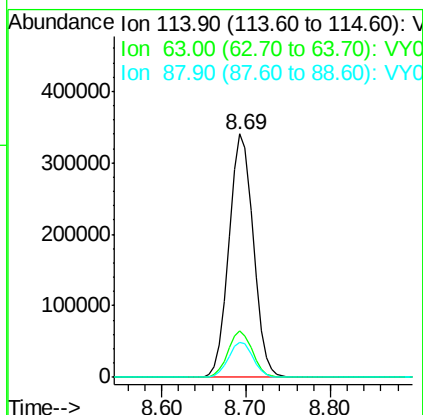
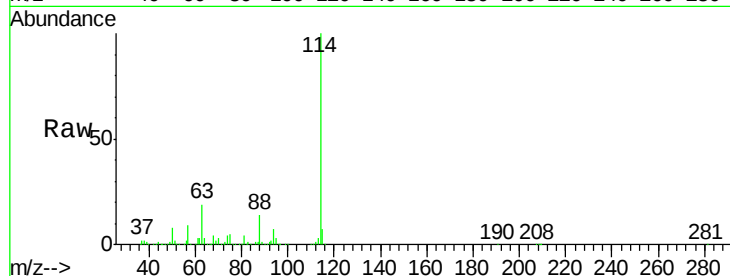




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003261.D
 Acq: 21 Jul 2020 20:03

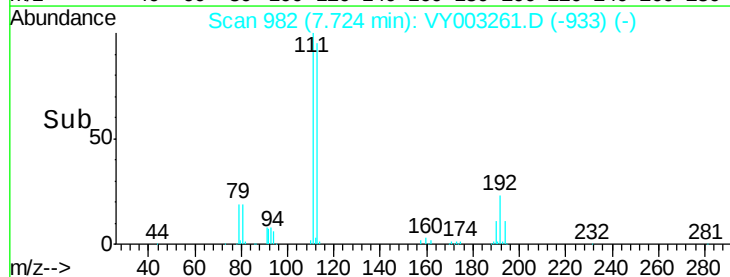
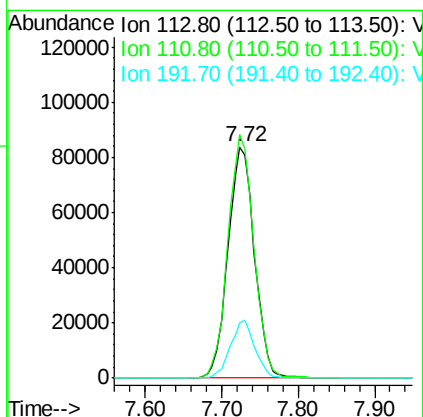
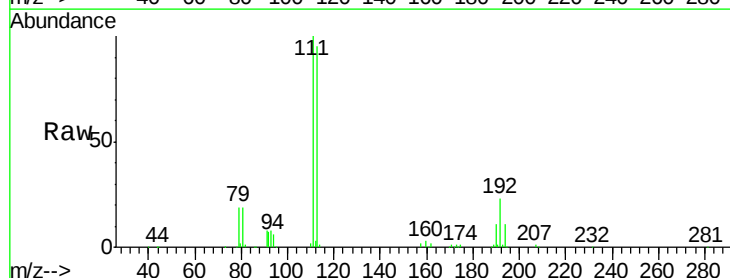
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-D2

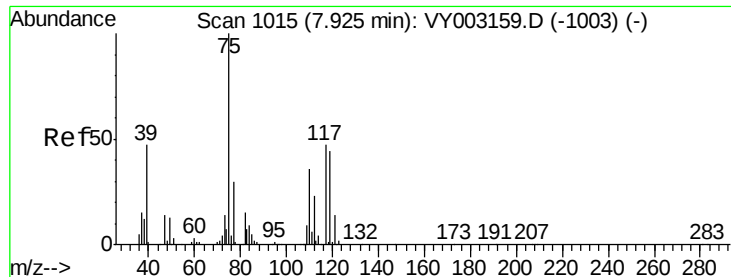
Tot Ion:114 Resp: 661986
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.2
 88 14.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 52.474 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003261.D
 Acq: 21 Jul 2020 20:03

Tgt Ion:113 Resp: 199905
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.1 123.1
 192 23.1 18.8 28.2





#36

1,1-Dichloropropene

Concen: 4.772 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003261.D

Acq: 21 Jul 2020 20:03

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-D2

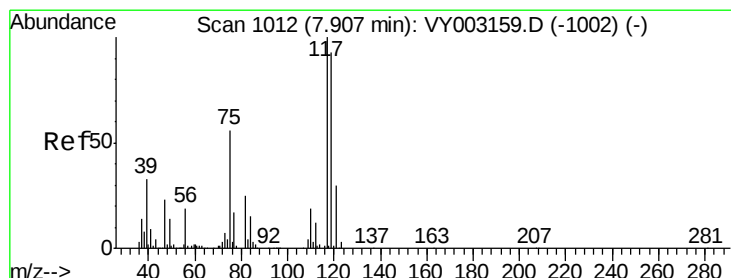
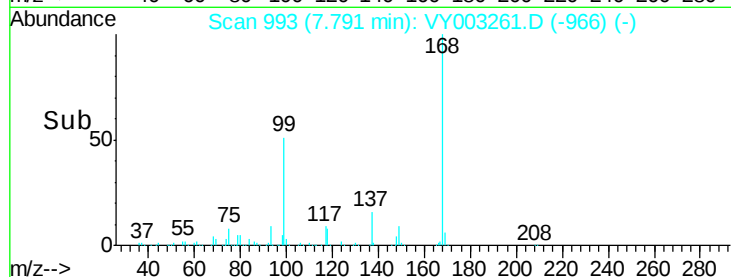
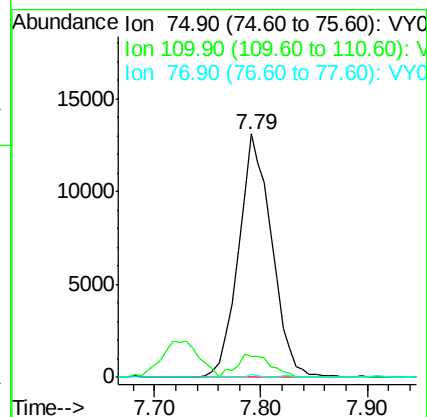
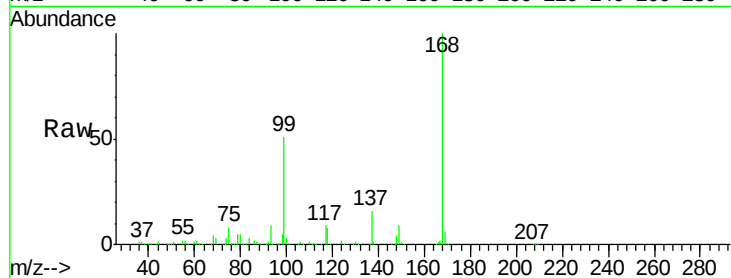
Tot Ion: 75 Resp: 28631

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

77 0.3 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.002 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003261.D

Acq: 21 Jul 2020 20:03

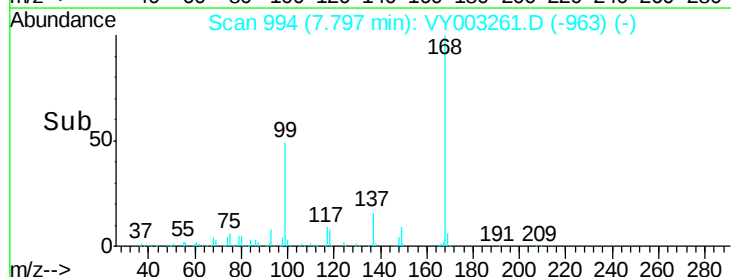
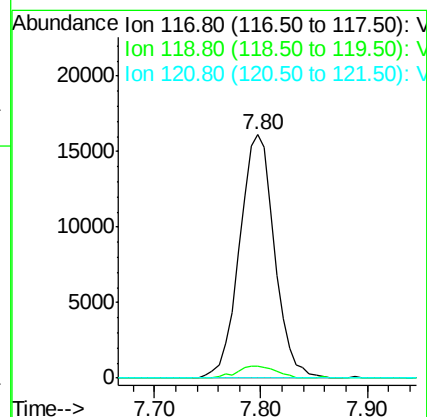
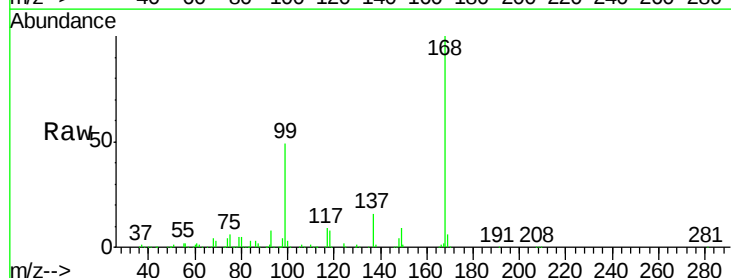
Tgt Ion: 117 Resp: 37176

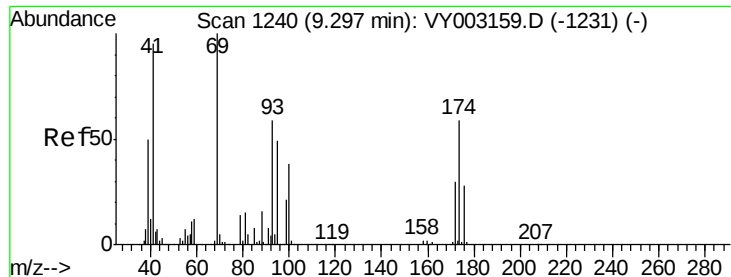
Ion Ratio Lower Upper

117 100

119 5.1 74.5 111.7#

121 0.0 24.2 36.2#

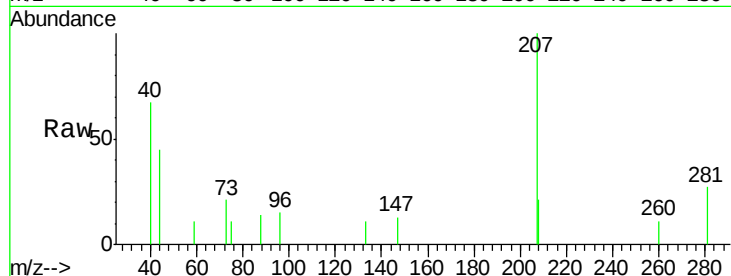




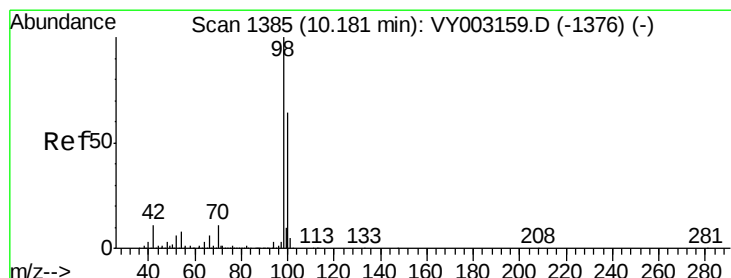
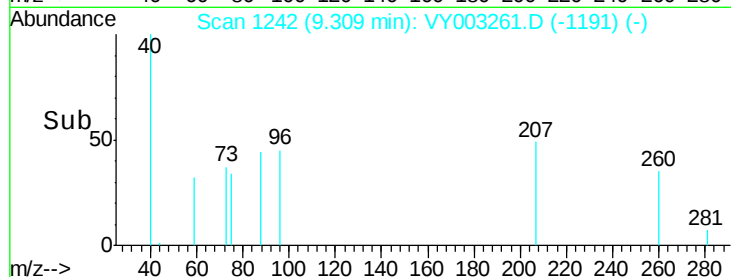
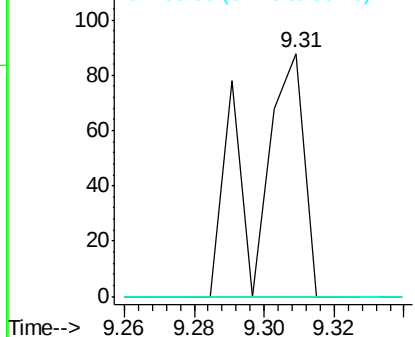
#49
1,4-Dioxane
Concen: 2.714 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003261.D
Acq: 21 Jul 2020 20:03

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-D2

Tot Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4#
58 0.0 47.8 71.6#

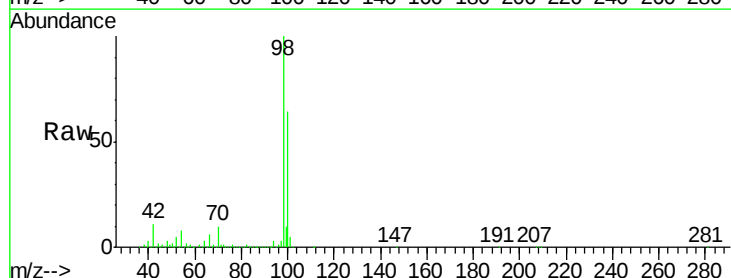


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

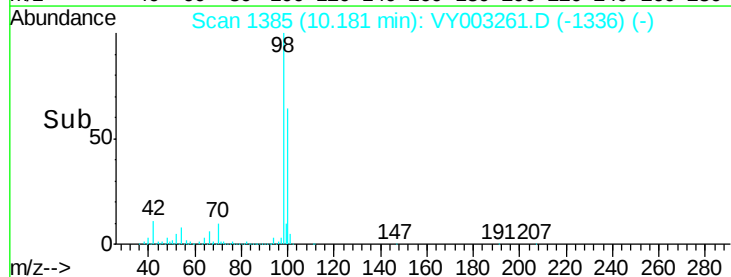
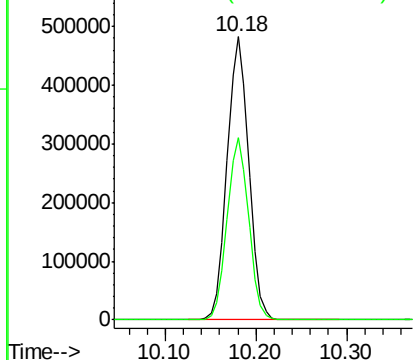


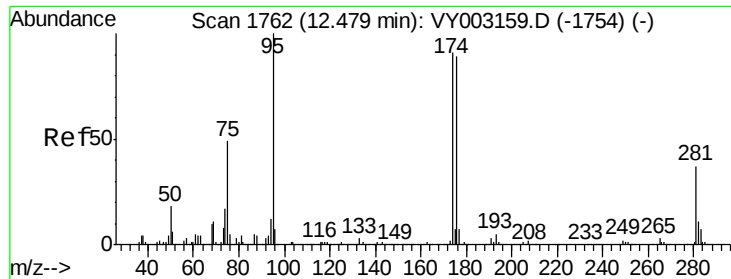
#50
Toluene-d8
Concen: 56.501 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003261.D
Acq: 21 Jul 2020 20:03

Tgt Ion: 98 Resp: 800241
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

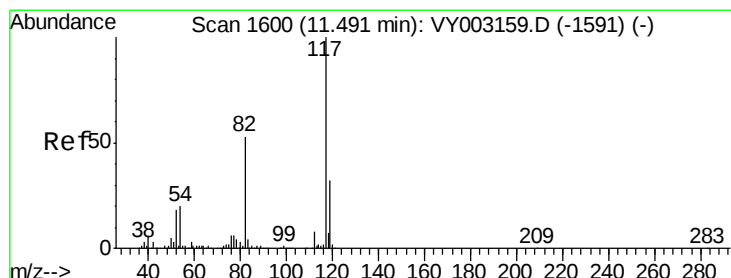
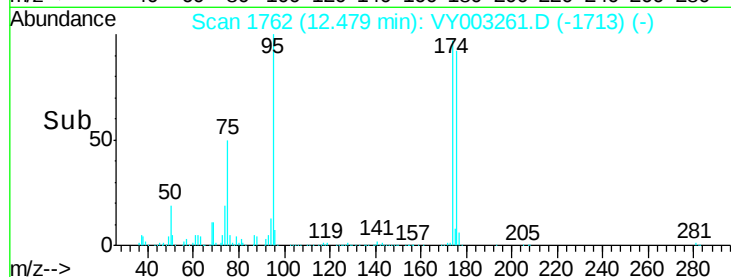
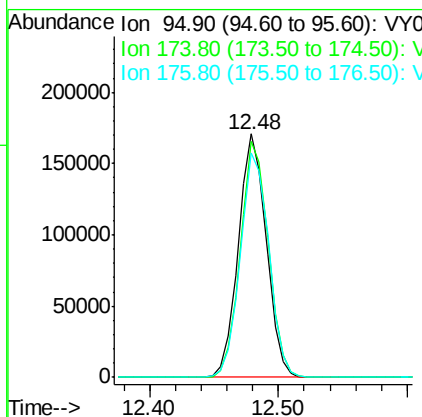
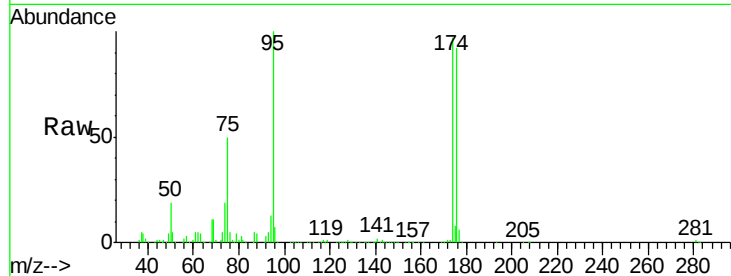




#62
4-Bromofluorobenzene
Concen: 49.945 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003261.D
Acq: 21 Jul 2020 20:03

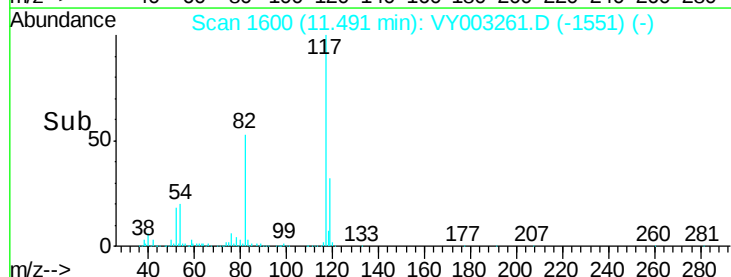
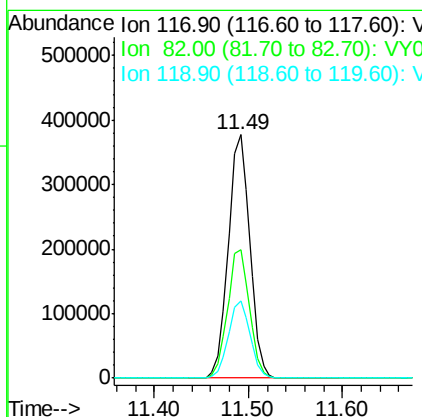
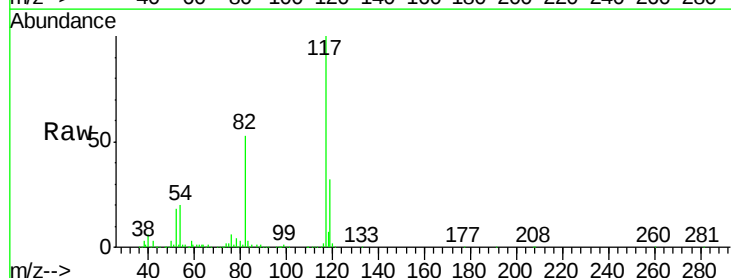
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-D2

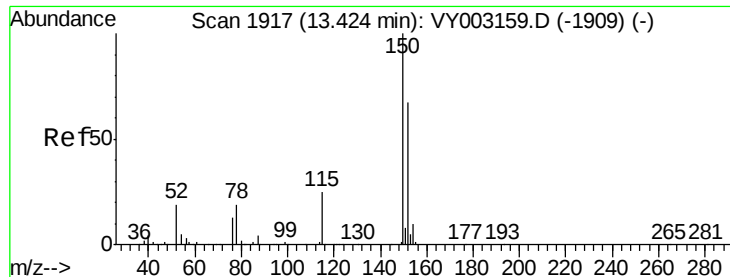
Tot Ion	95	Resp	255552
Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	190.6
176	94.0	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003261.D
Acq: 21 Jul 2020 20:03

Tgt Ion	117	Resp	598104
Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.0	63.0
119	31.8	25.5	38.3



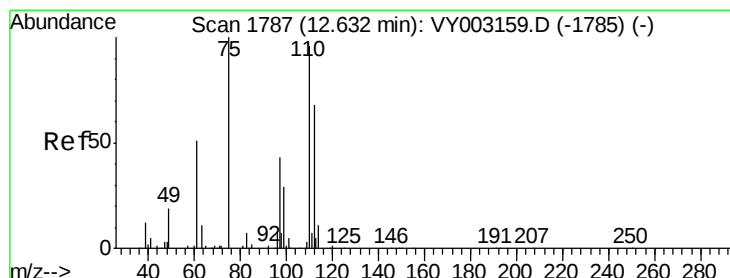
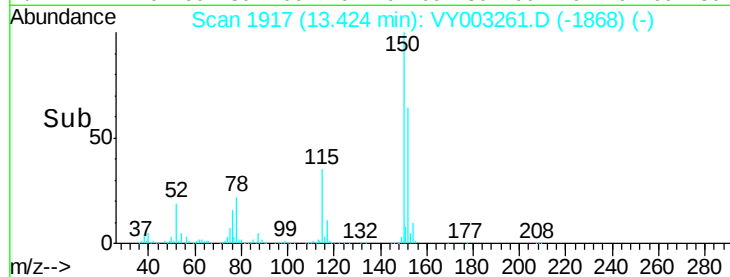
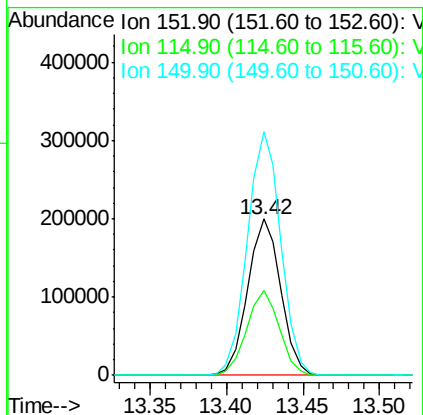
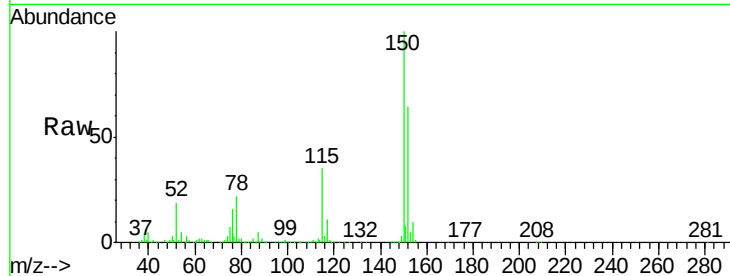


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003261.D
Acq: 21 Jul 2020 20:03

Instrument :
MSVOA_Y
ClientSampled :
TP-11-D2

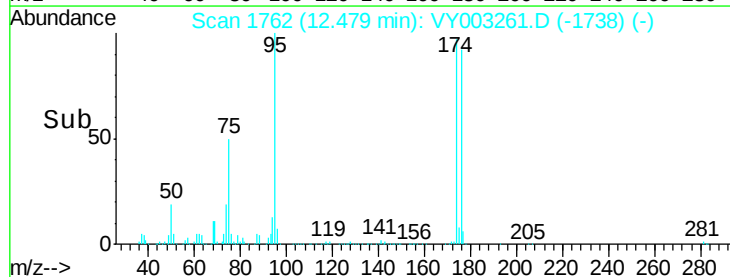
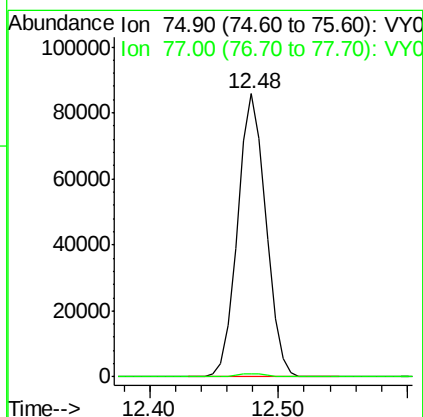
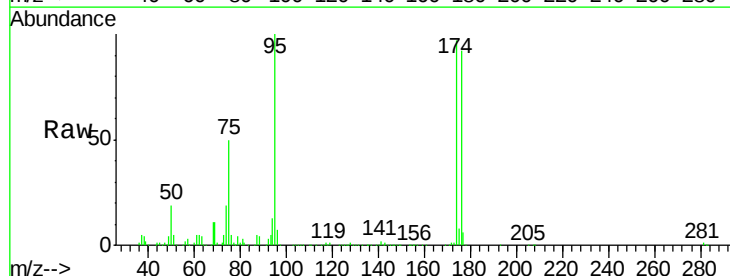
Tot Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.9	80.7
150	157.1	0.0	338.0

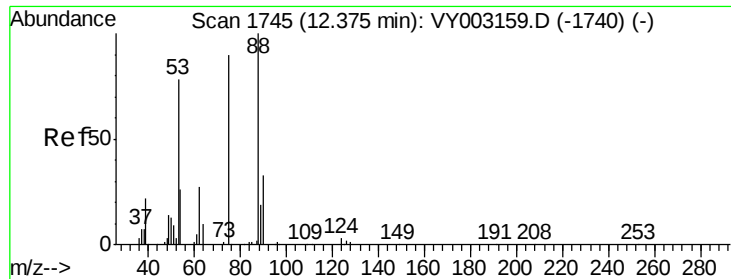


#76

1,2,3-Trichloropropane
Concen: 48.992 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003261.D
Acq: 21 Jul 2020 20:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 95.347 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003261.D

Acq: 21 Jul 2020 20:03

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-D2

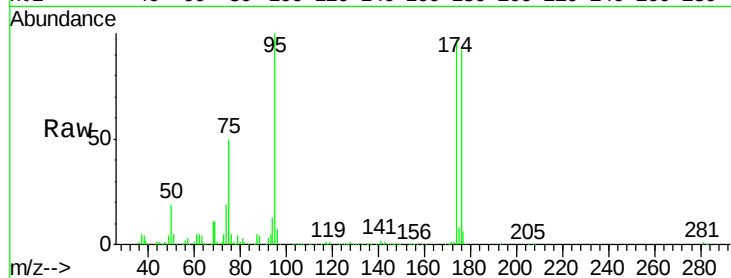
Tot Ion: 75 Resp: 130374

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 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

