

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003257.D
 Acq On : 21 Jul 2020 18:27
 Operator : SY/MD
 Sample : L3370-02
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-S2

Quant Time: Jul 22 02:44:10 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

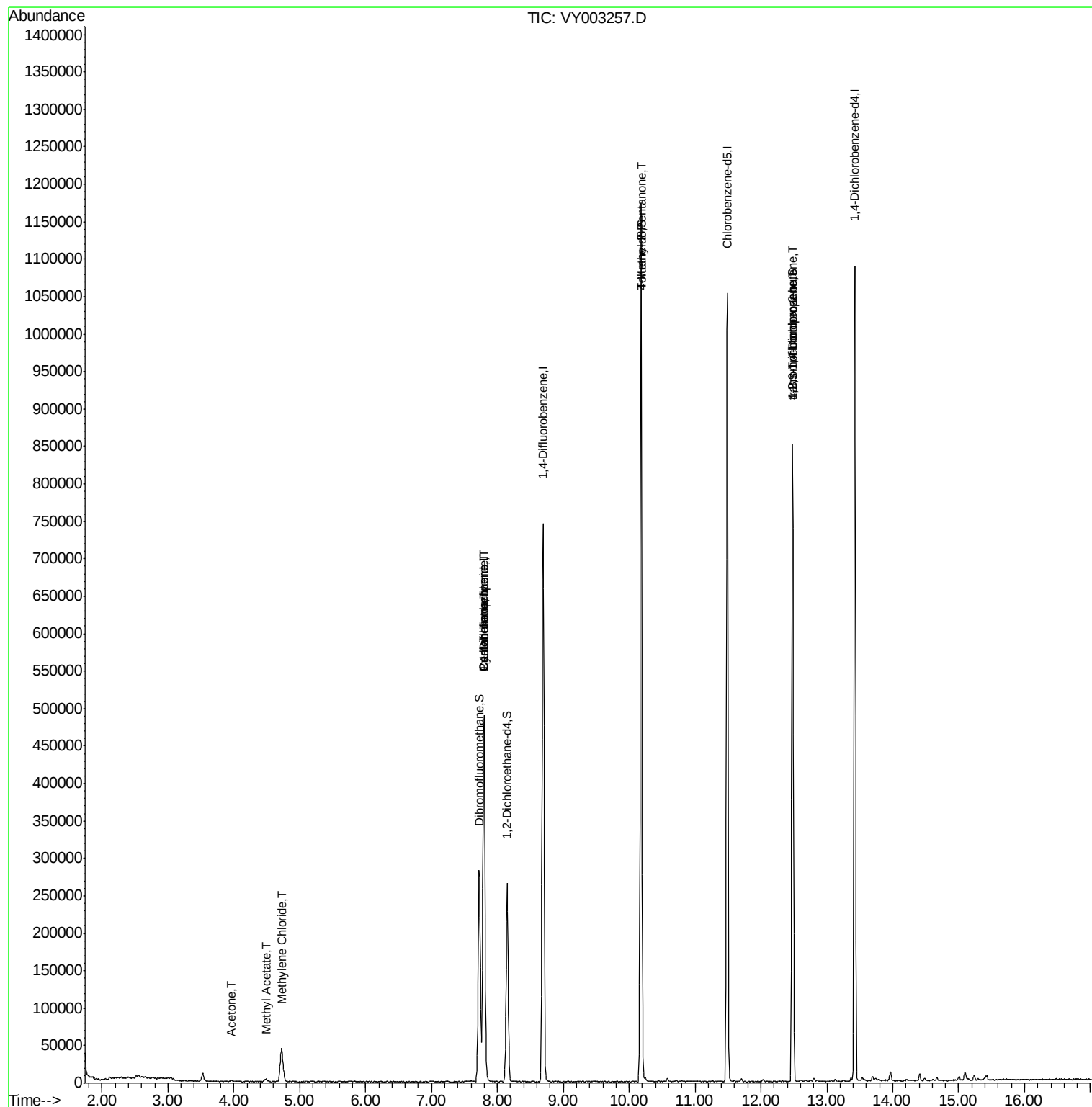
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	412007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	639387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	583031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	281514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	207083	59.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.10%	
35) Dibromofluoromethane	7.72	113	197206	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
50) Toluene-d8	10.18	98	769358	56.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.48%	
62) 4-Bromofluorobenzene	12.48	95	245388	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2633	3.390	ug/l	93
18) Methyl Acetate	4.49	43	6419	2.976	ug/l	94
20) Methylene Chloride	4.73	84	33533	3.466	ug/l	98
31) Cyclohexane	7.80	56	7516	1.188	ug/l #	8
36) 1,1-Dichloropropene	7.80	75	27926	4.819	ug/l #	50
38) Carbon Tetrachloride	7.79	117	36667	6.129	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	3459	1.102	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	127389	51.122	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	127389	99.492	ug/l #	13

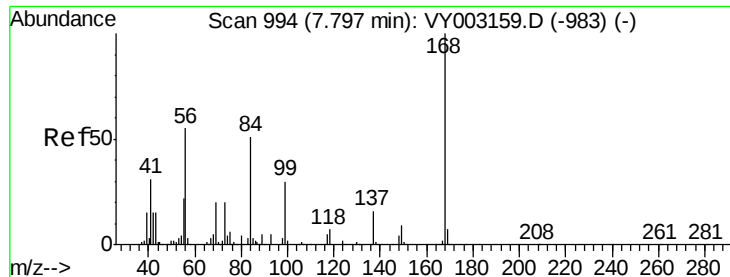
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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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: VY003257.D

Acq: 21 Jul 2020 18:27

Instrument :

MSVOA_Y

ClientSampled :

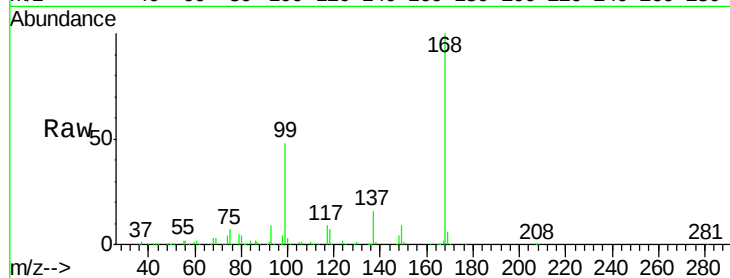
TP-3-S2

Tot Ion:168 Resp: 412007

Ion Ratio Lower Upper

168 100

99 48.1 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) (-)

7.80

200000

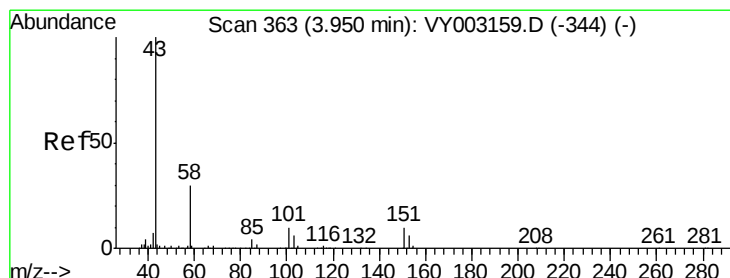
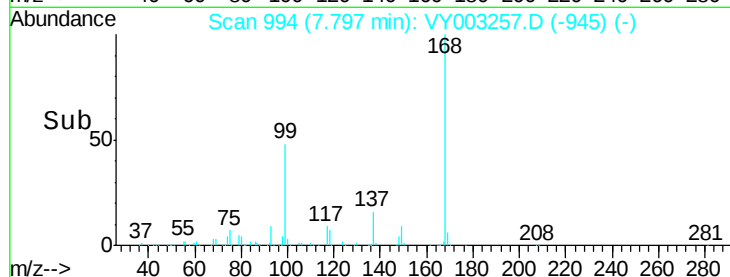
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.390 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003257.D

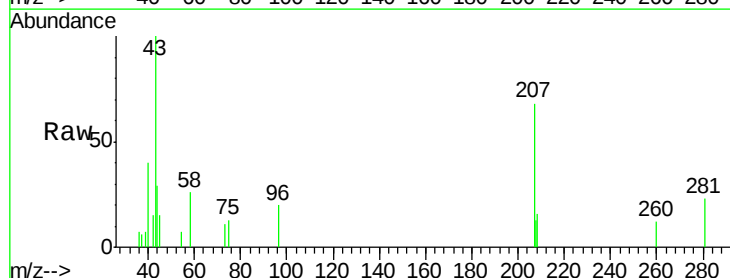
Acq: 21 Jul 2020 18:27

Tgt Ion: 43 Resp: 2633

Ion Ratio Lower Upper

43 100

58 26.1 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

1000

800

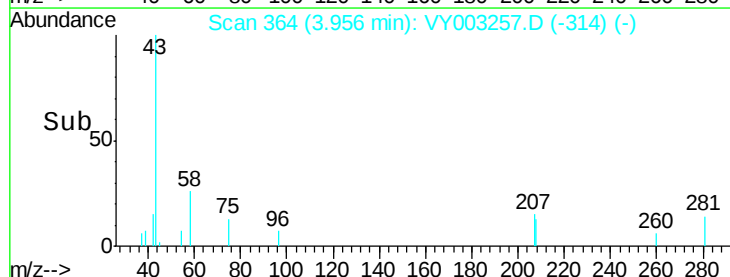
600

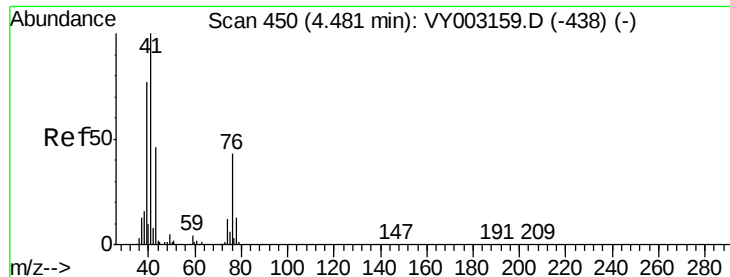
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200

0

Time-->

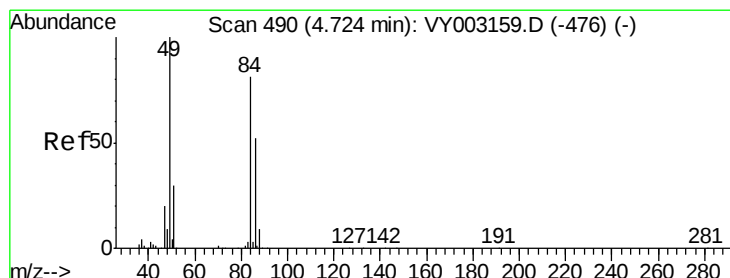
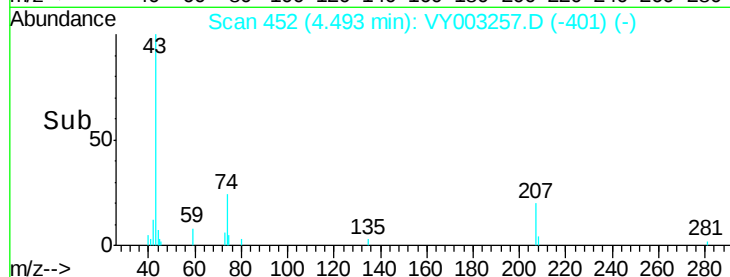
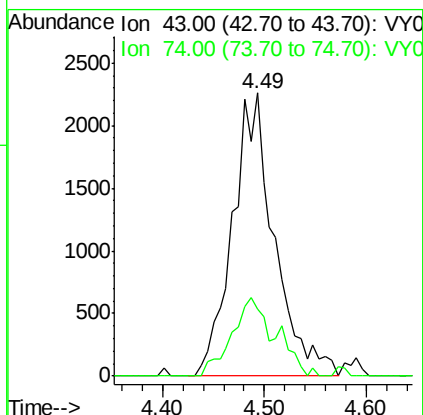
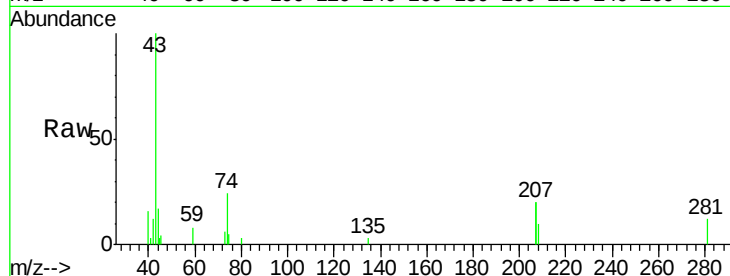




#18
Methvl Acetate
Concen: 2.976 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

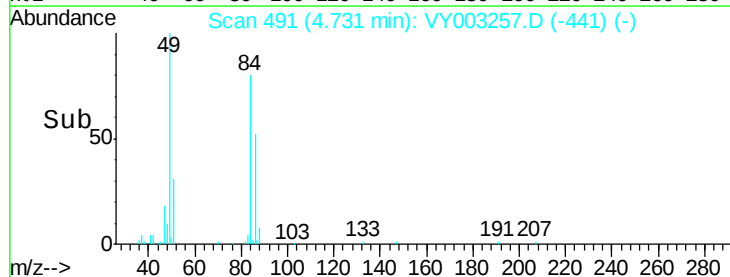
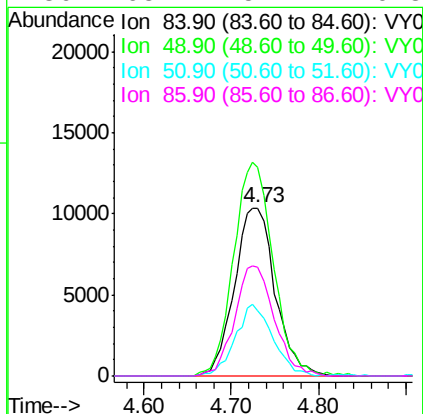
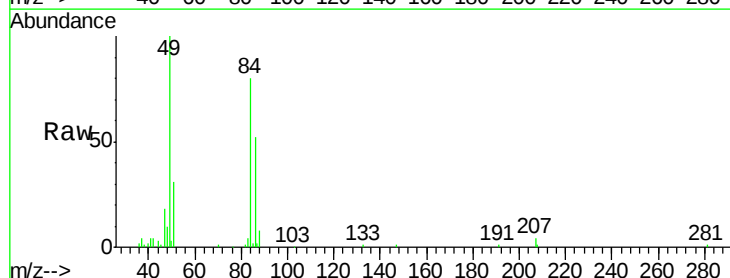
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2

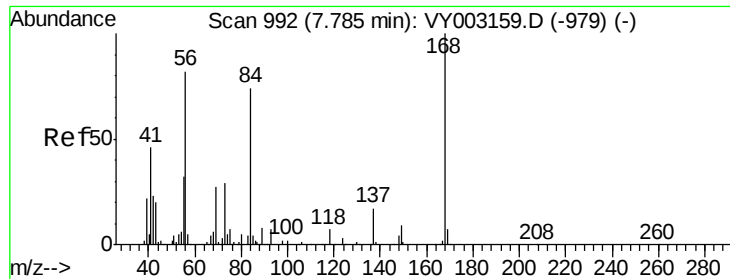
Tot Ion: 43 Resp: 6419
Ion Ratio Lower Upper
43 100
74 28.9 20.8 31.2



#20
Methylene Chloride
Concen: 3.466 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

Tgt Ion: 84 Resp: 33533
Ion Ratio Lower Upper
84 100
49 124.5 98.2 147.4
51 38.8 29.8 44.6
86 65.1 51.2 76.8

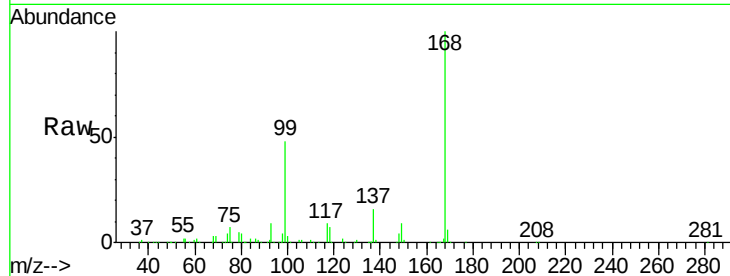




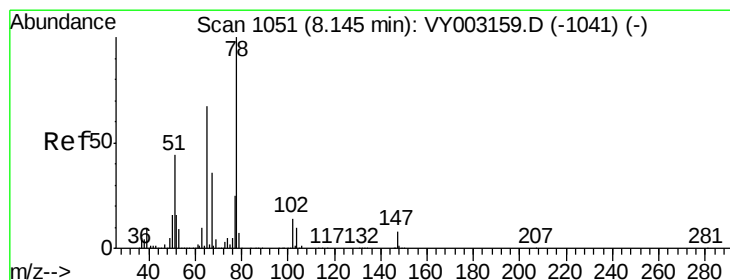
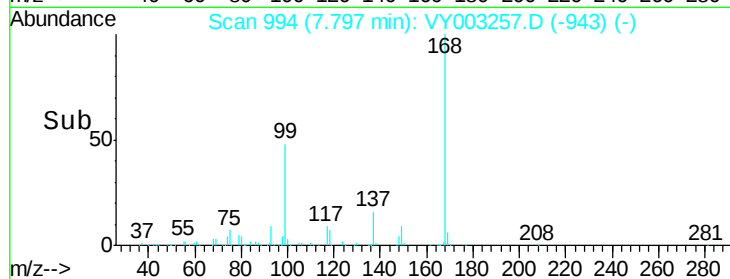
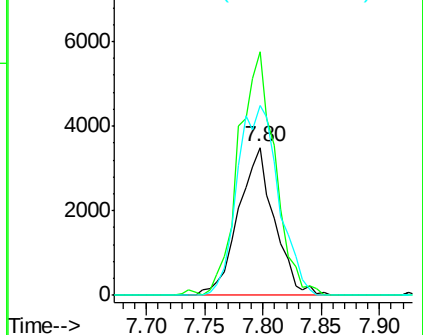
#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2

Tot Ion: 56 Resp: 7516
Ion Ratio Lower Upper
56 100
69 165.0 26.7 40.1#
84 128.4 72.3 108.5#

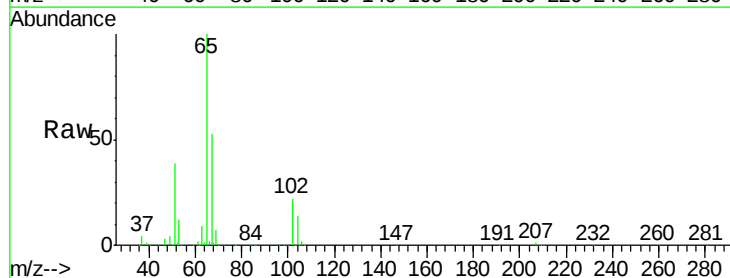


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

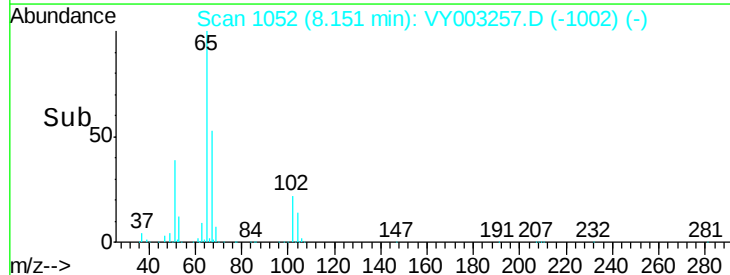
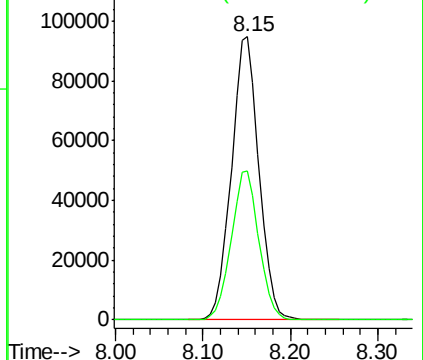


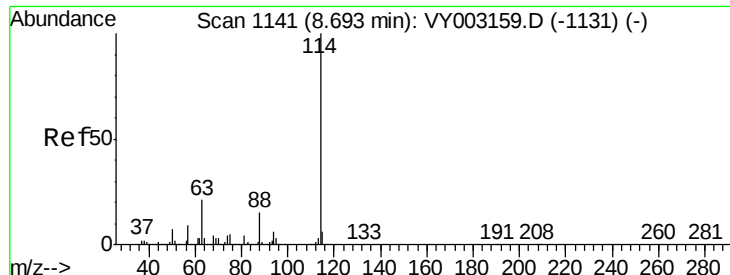
#33
1,2-Dichloroethane-d4
Concen: 59.550 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

Tgt Ion: 65 Resp: 207083
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

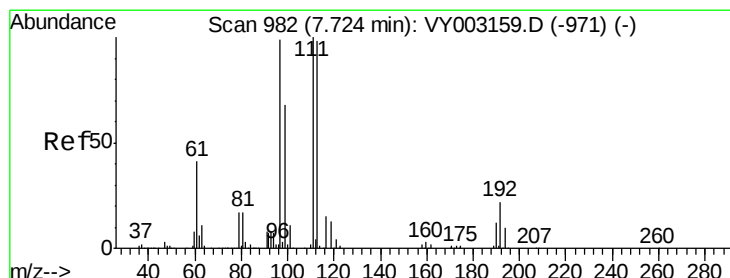
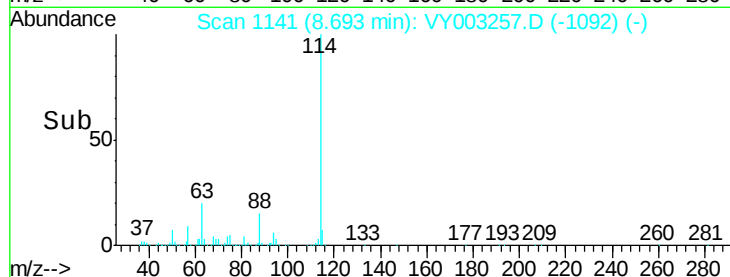
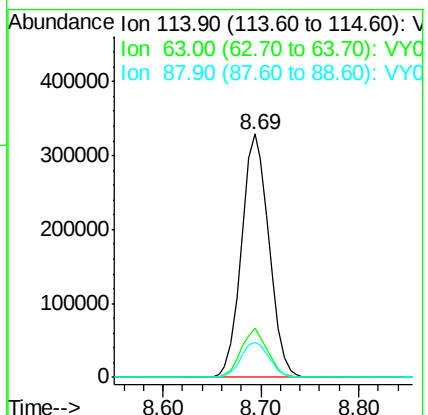
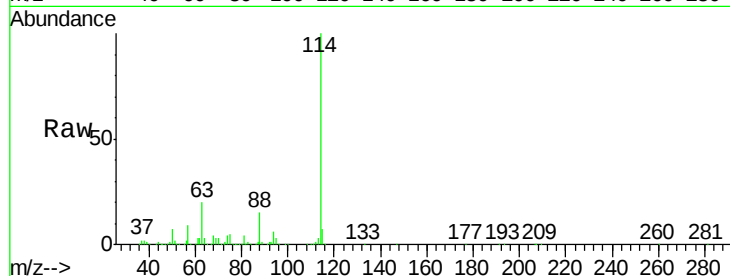




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

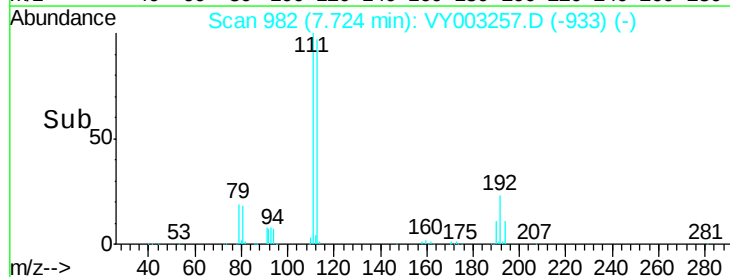
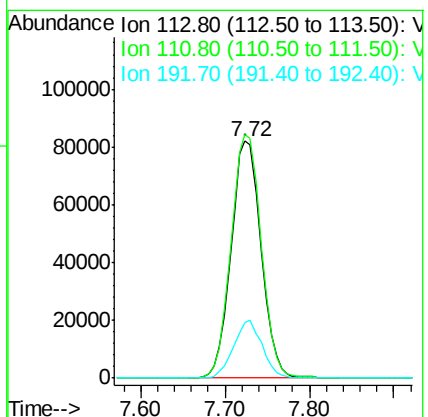
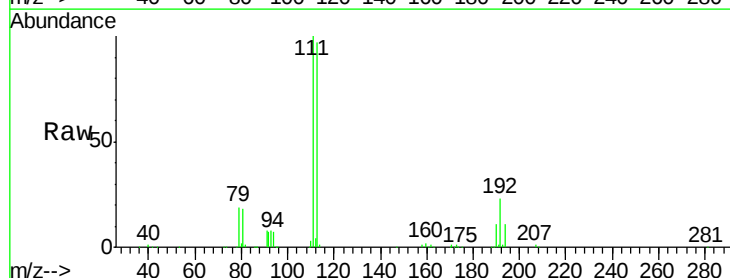
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2

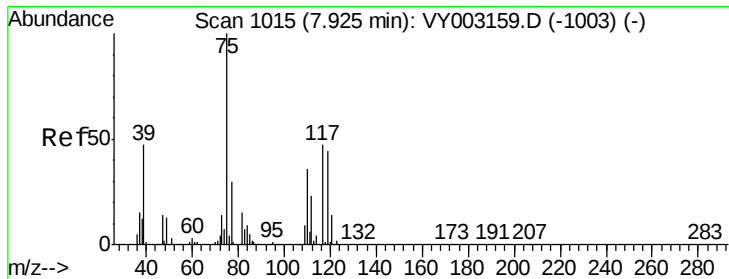
Tot Ion:114 Resp: 639387
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.2
88 14.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 53.596 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

Tgt Ion:113 Resp: 197206
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 23.1 18.8 28.2

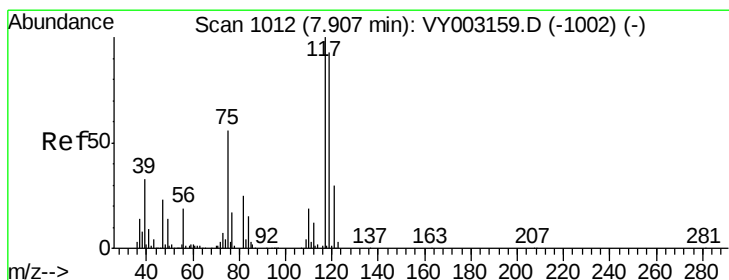
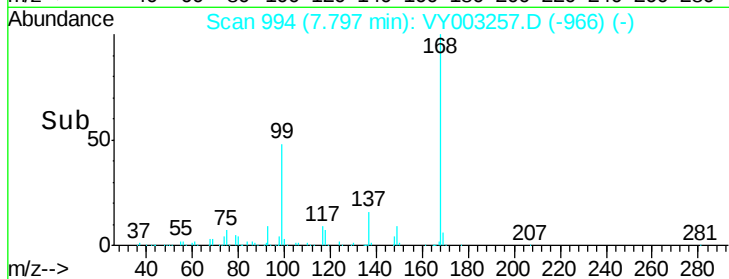
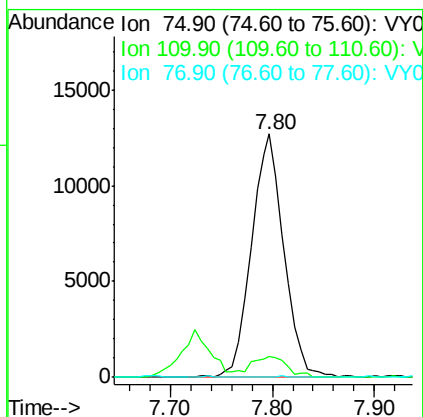
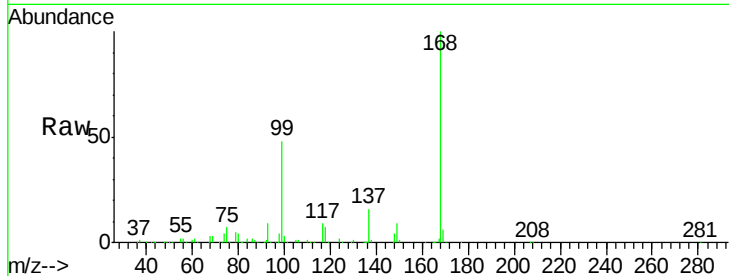




#36
 1,1-Dichloropropene
 Concen: 4.819 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003257.D
 Acq: 21 Jul 2020 18:27

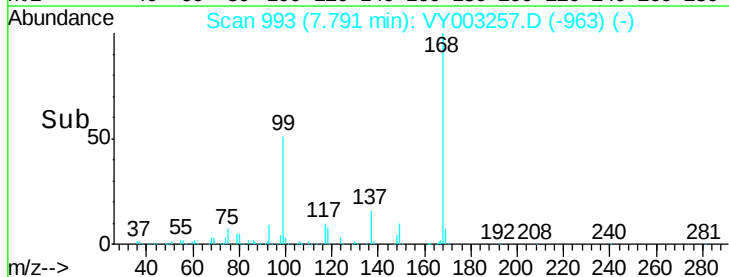
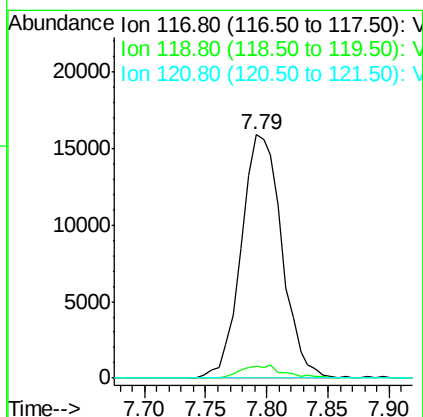
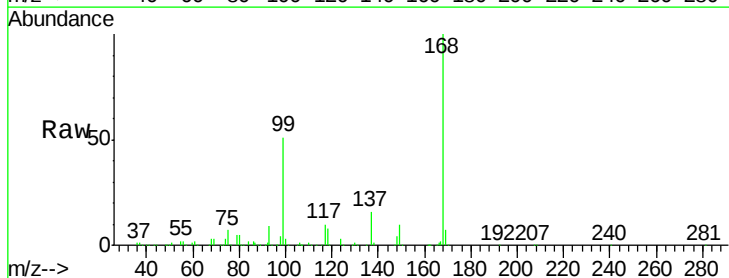
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 ClientSampleId :
 TP-3-S2

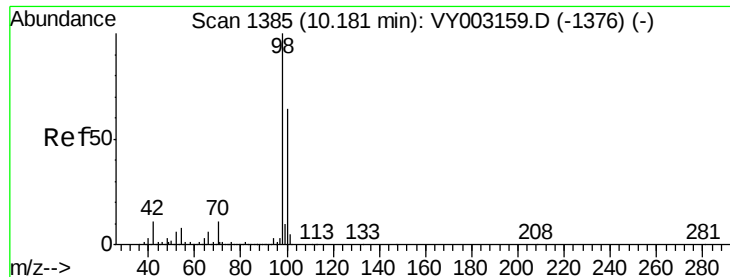
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.1#
77	0.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.129 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003257.D
 Acq: 21 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 56.240 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003257.D

Acq: 21 Jul 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

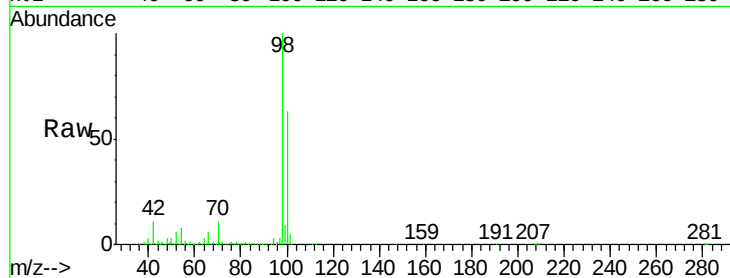
TP-3-S2

Tot Ion: 98 Resp: 769358

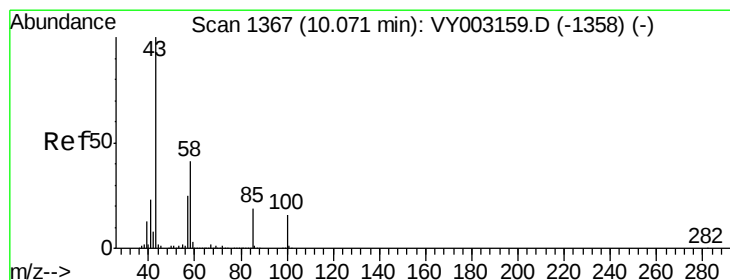
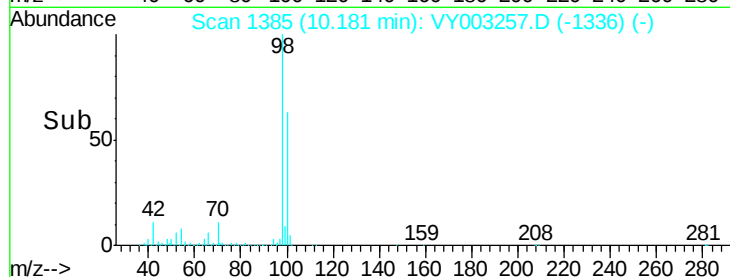
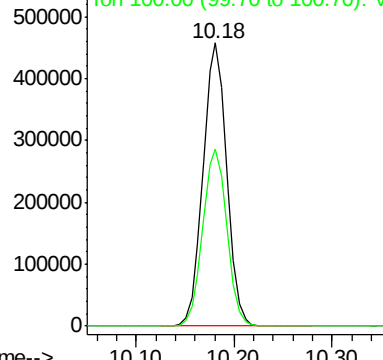
Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY003159.D (-1376) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.102 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003257.D

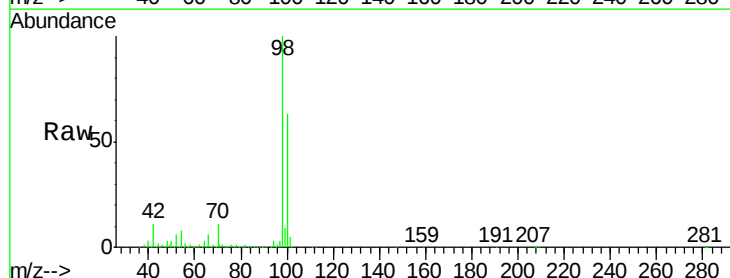
Acq: 21 Jul 2020 18:27

Tgt Ion: 43 Resp: 3459

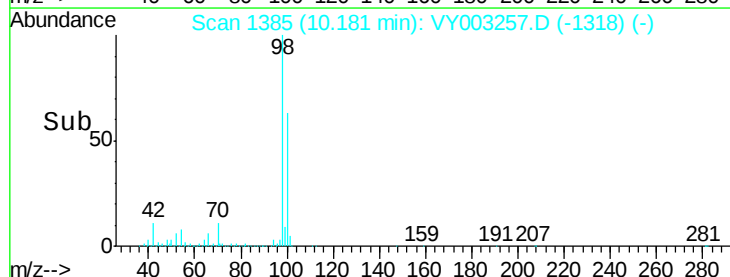
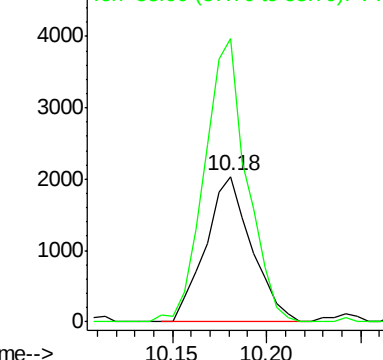
Ion Ratio Lower Upper

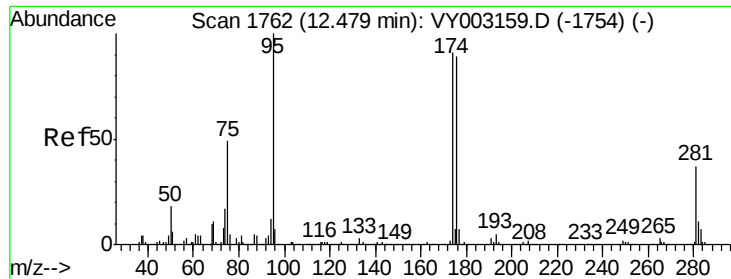
43 100

58 178.1 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-1358) (-)

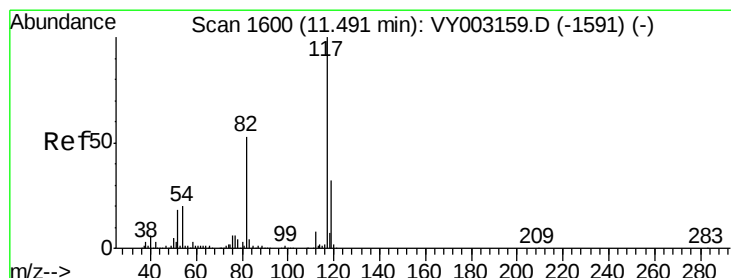
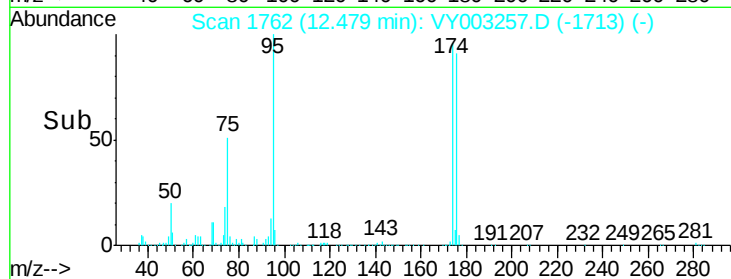
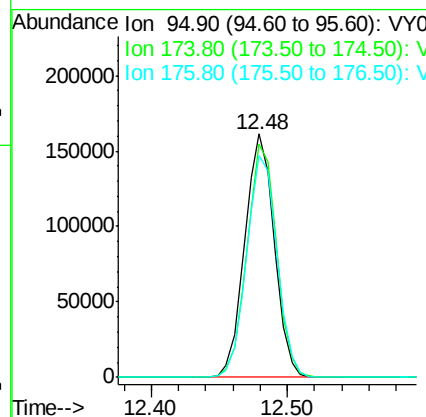
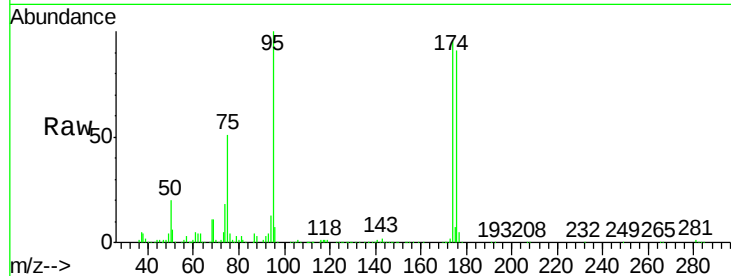




#62
4-Bromofluorobenzene
Concen: 49.654 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

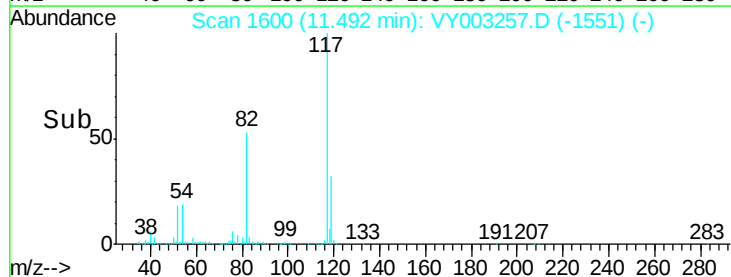
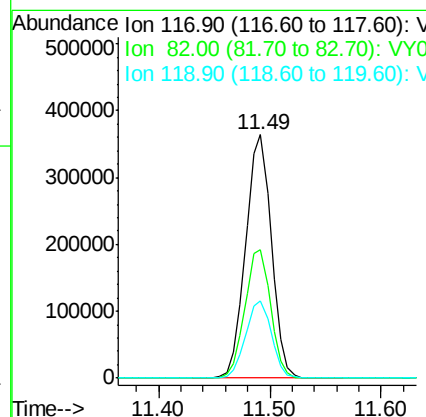
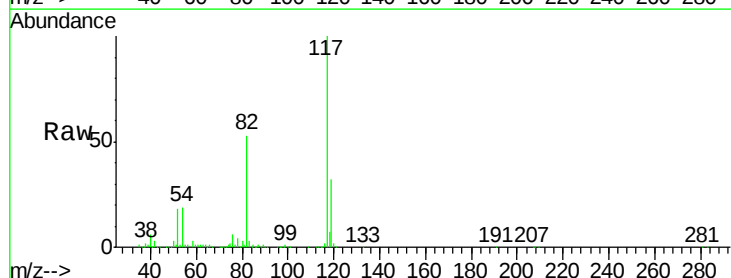
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2

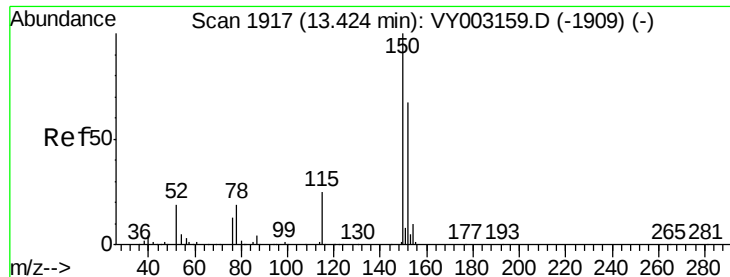
Tot Ion: 95 Resp: 245388
Ion Ratio Lower Upper
95 100
174 95.8 0.0 190.6
176 93.2 0.0 186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

Tgt Ion: 117 Resp: 583031
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 31.6 25.5 38.3



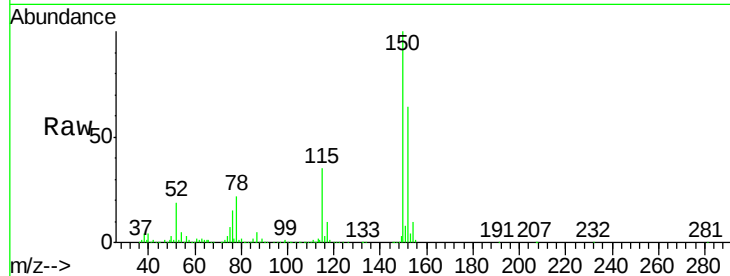


#72

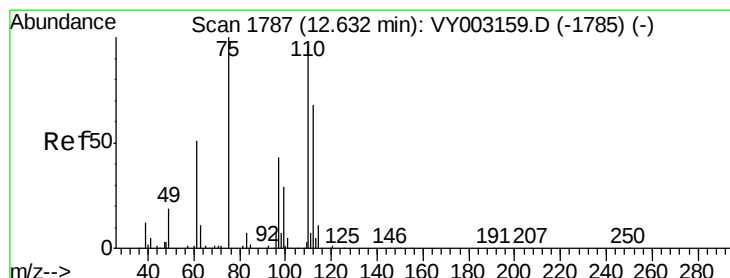
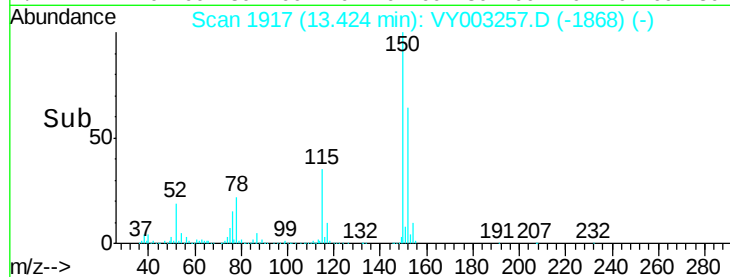
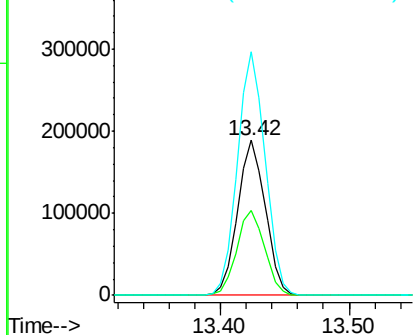
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	26.9	80.7
150	157.1	0.0	338.0



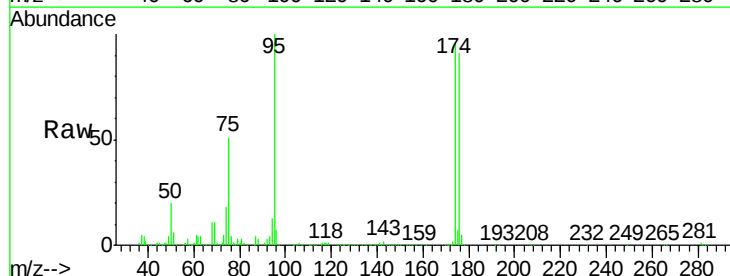
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



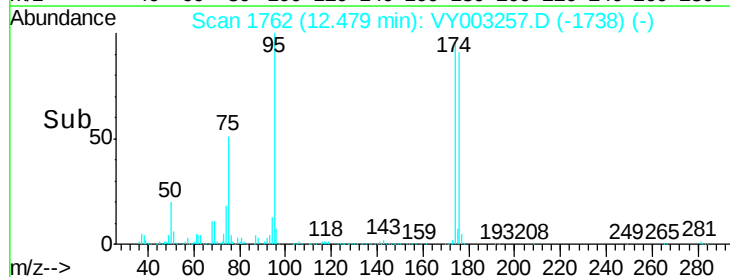
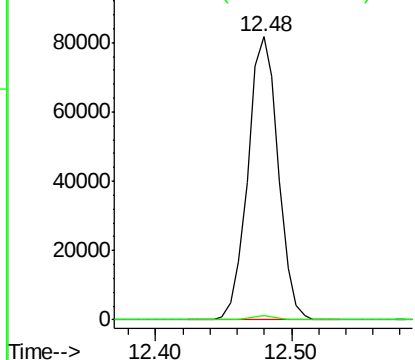
#76

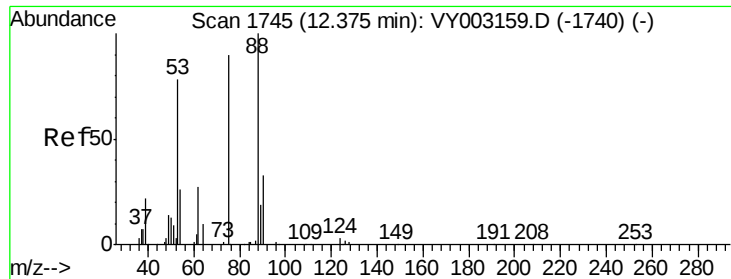
1,2,3-Trichloropropane
Concen: 51.122 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003257.D
Acq: 21 Jul 2020 18:27

Tgt 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: 99.492 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003257.D

Acq: 21 Jul 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-S2

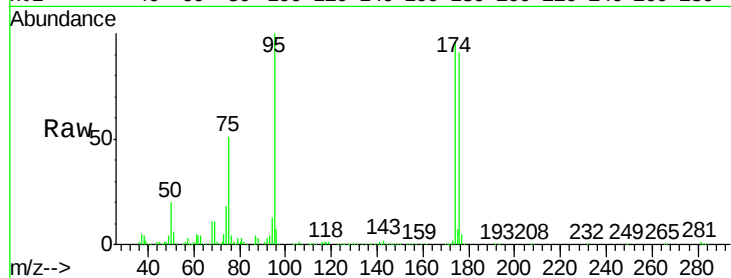
Tot Ion: 75 Resp: 127389

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

