

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003348.D
 Acq On : 24 Jul 2020 21:38
 Operator : SY/MD
 Sample : L3436-16
 Misc : 6.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 16

Quant Time: Jul 25 03:14:19 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

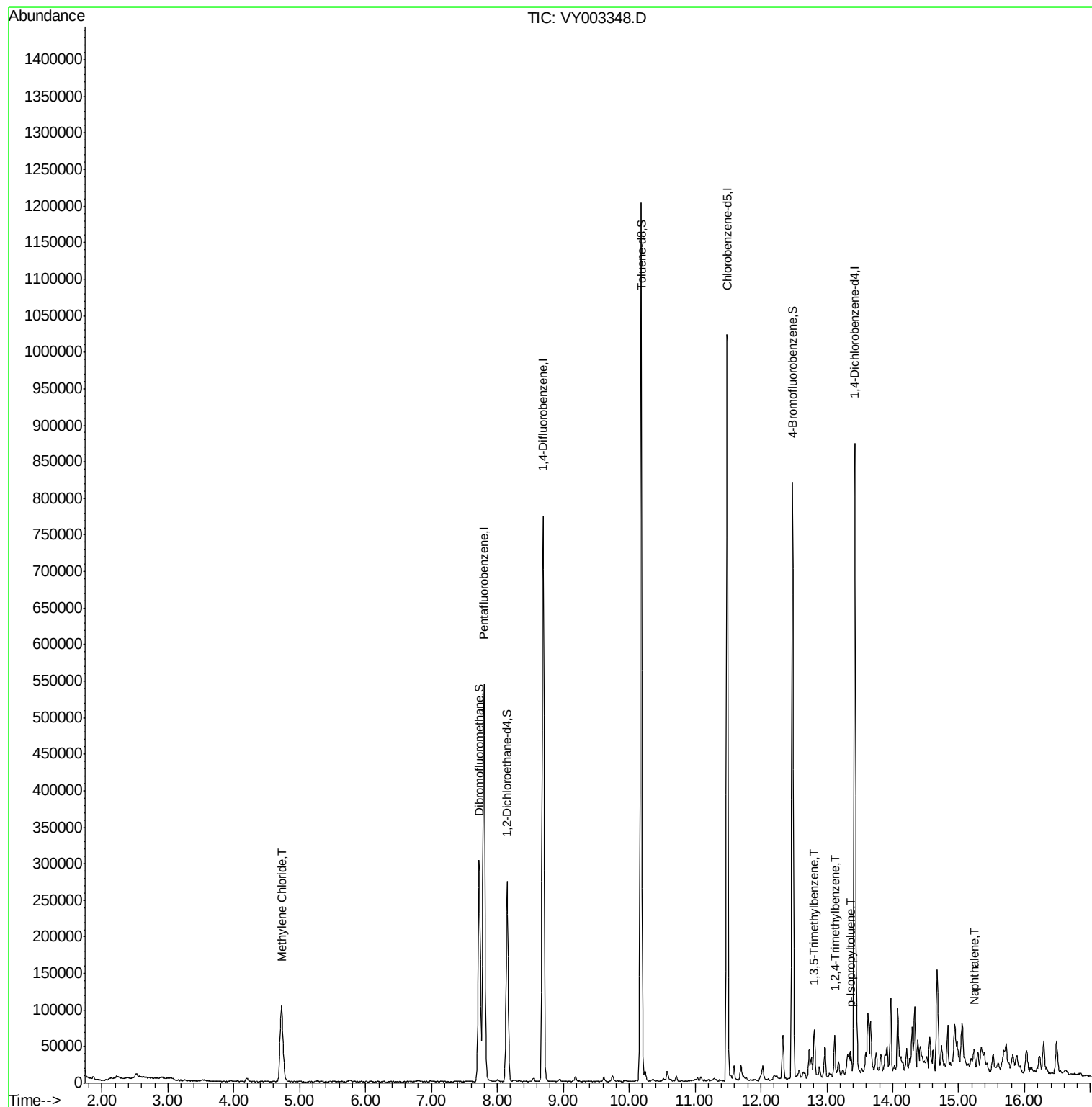
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	670658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	214965	58.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.00%	
35) Dibromofluoromethane	7.72	113	209843	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	10.18	98	793483	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.48	95	229783	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
20) Methylene Chloride	4.72	84	81093	15.888	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	28377	2.302	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	30680	2.473	ug/l	98
86) p-Isopropyltoluene	13.37	119	16142	1.156	ug/l	97
95) Naphthalene	15.23	128	19403	2.638	ug/l #	92

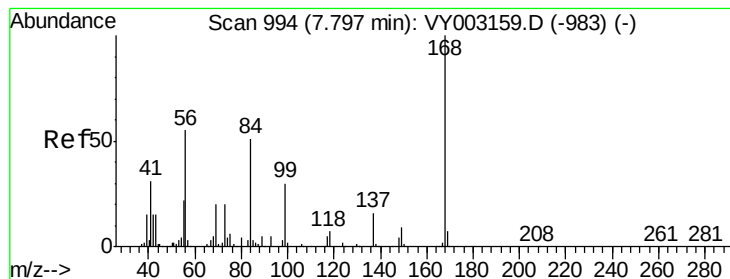
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
Data File : VY003348.D
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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: VY003348.D

Acq: 24 Jul 2020 21:38

Instrument :

MSVOA_Y

ClientSampled :

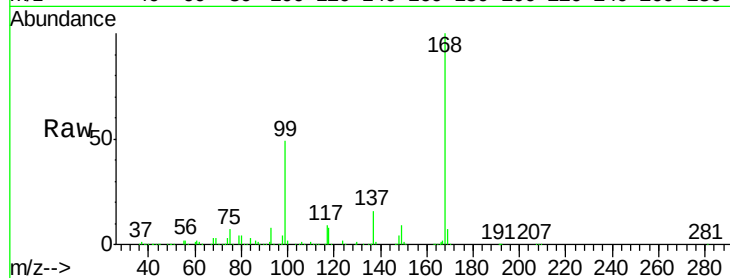
16

Tot Ion:168 Resp: 435352

Ion Ratio Lower Upper

168 100

99 49.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003348.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003348.D (-945) (-)

7.80

200000

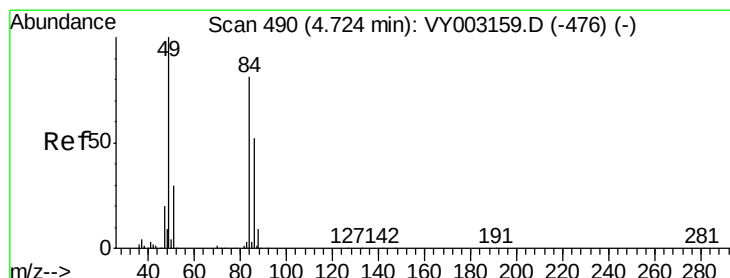
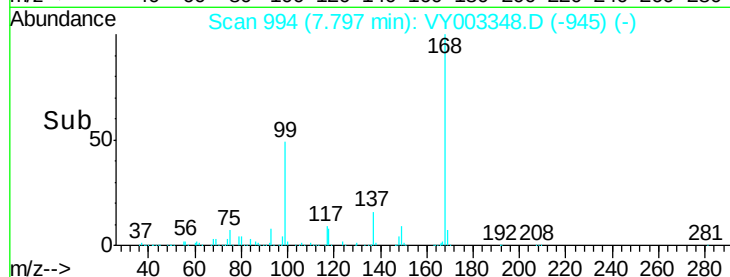
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 15.888 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003348.D

Acq: 24 Jul 2020 21:38

Tgt Ion: 84 Resp: 81093

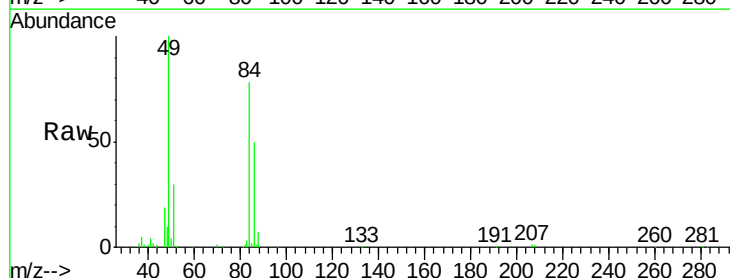
Ion Ratio Lower Upper

84 100

49 127.7 98.2 147.4

51 38.6 29.8 44.6

86 64.6 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003348.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003348.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003348.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003348.D (-441) (-)

4.72

50000

40000

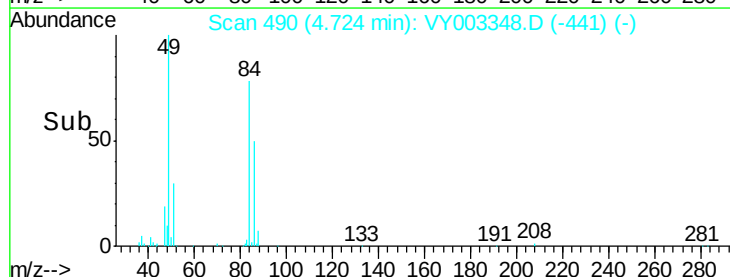
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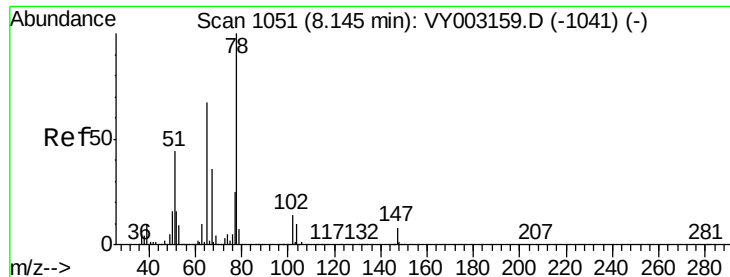
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10000

0

Time-->

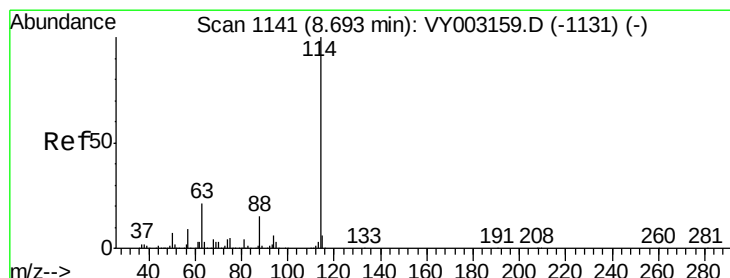
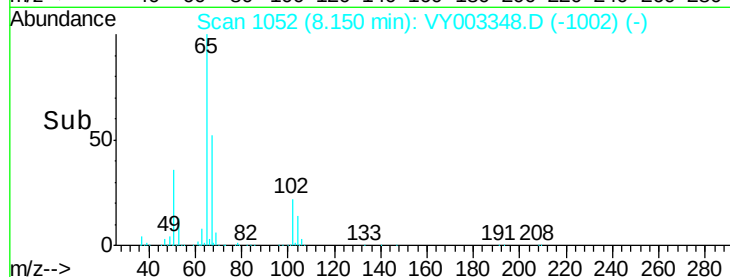
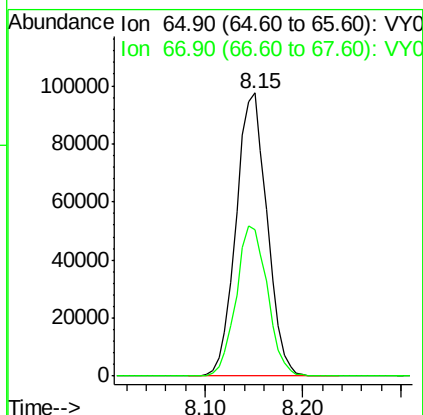
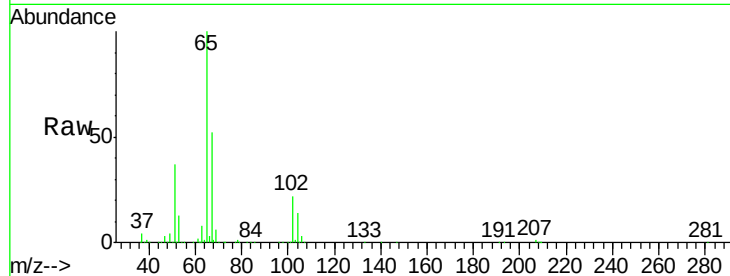




#33
 1,2-Dichloroethane-d4
 Concen: 58.502 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003348.D
 Acq: 24 Jul 2020 21:38

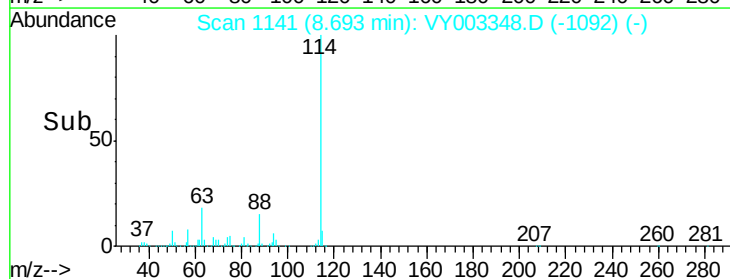
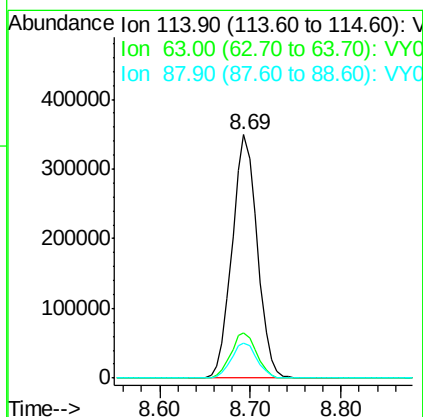
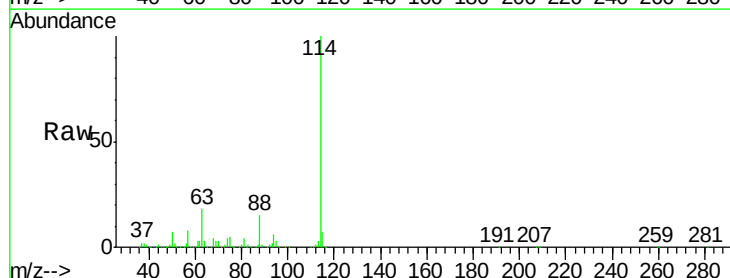
Instrument :
 MSVOA_Y
 ClientSampled :
 16

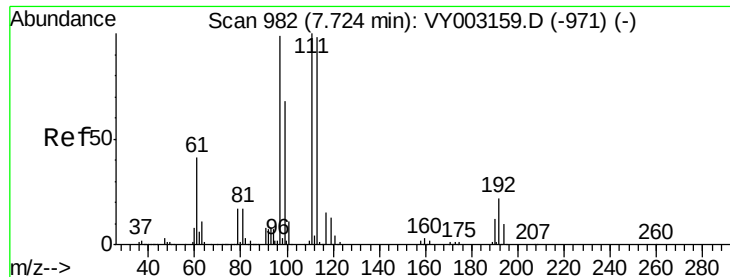
Tot Ion: 65 Resp: 214965
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003348.D
 Acq: 24 Jul 2020 21:38

Tgt Ion: 114 Resp: 670658
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 41.2
 88 14.5 0.0 30.2

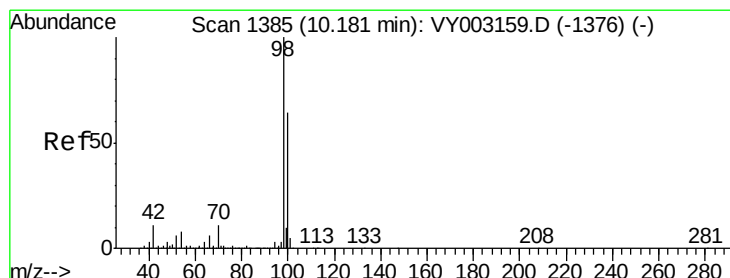
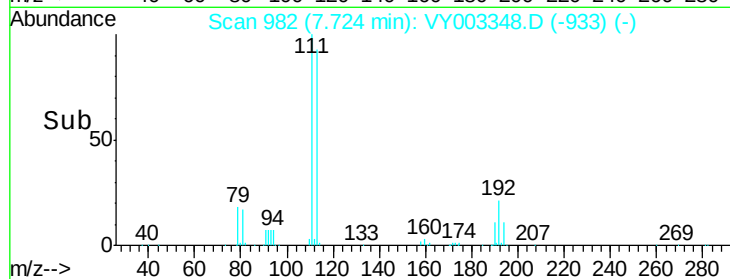
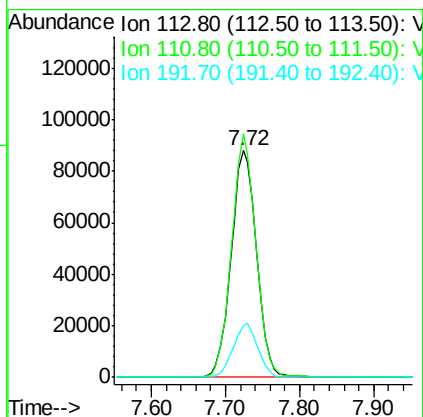
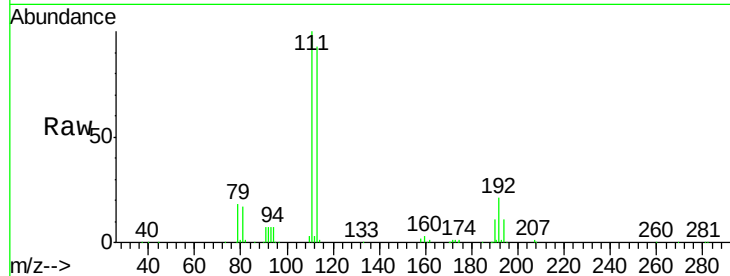




#35
Dibromofluoromethane
Concen: 54.371 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003348.D
Acq: 24 Jul 2020 21:38

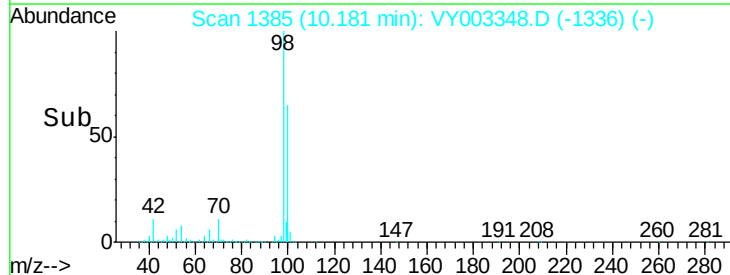
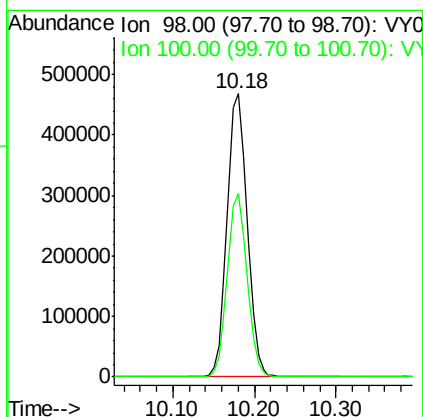
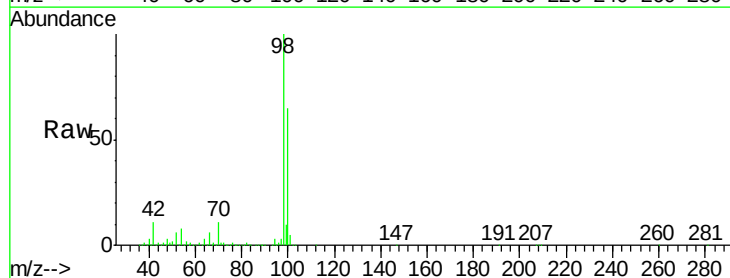
Instrument :
MSVOA_Y
ClientSampleId :
16

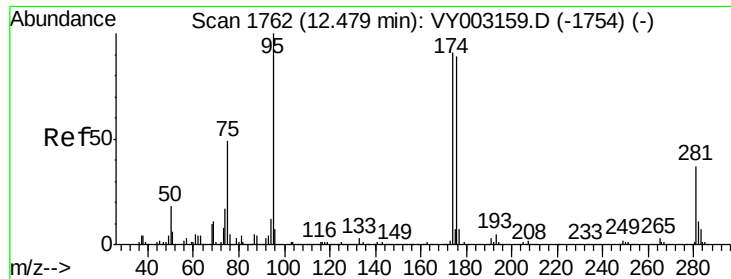
Tot Ion:113 Resp: 209843
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 23.1 18.8 28.2



#50
Toluene-d8
Concen: 55.299 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003348.D
Acq: 24 Jul 2020 21:38

Tgt Ion: 98 Resp: 793483
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1

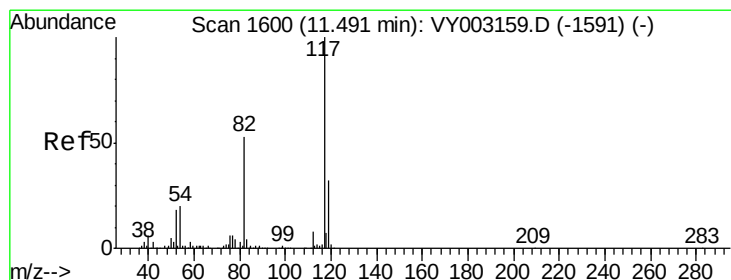
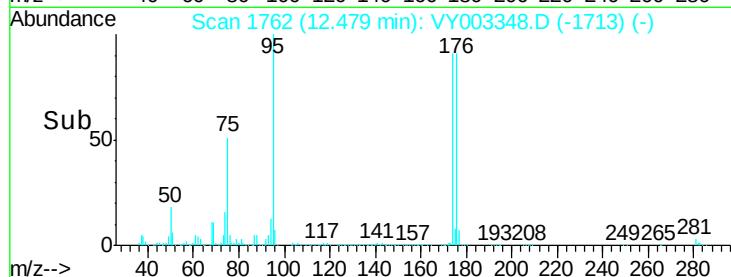
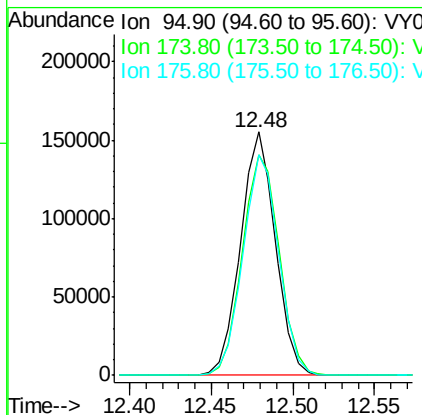
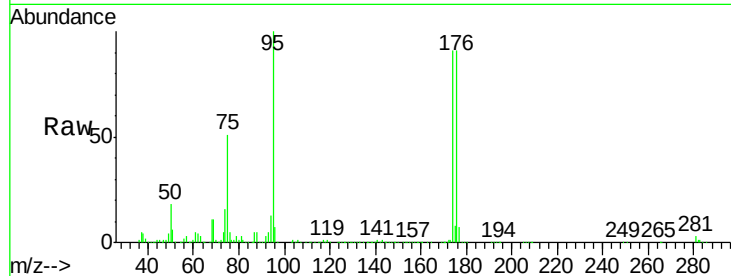




#62
4-Bromofluorobenzene
Concen: 44.328 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003348.D
Acq: 24 Jul 2020 21:38

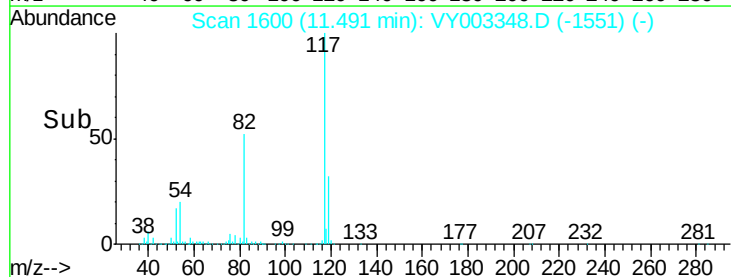
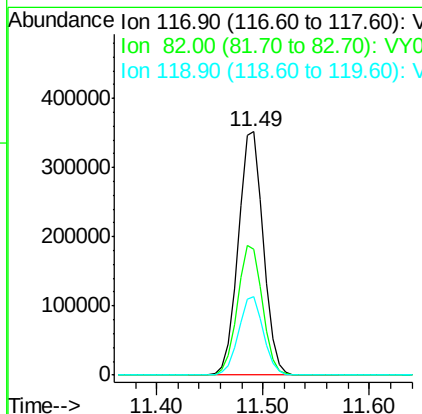
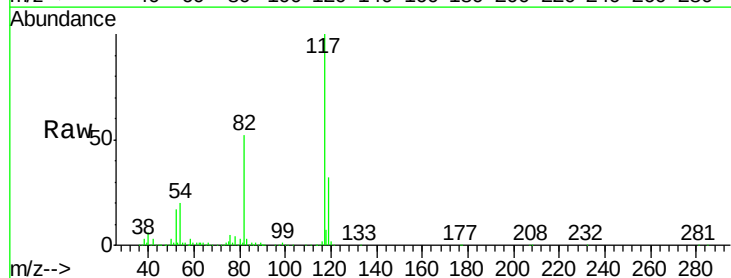
Instrument :
MSVOA_Y
ClientSampleId :
16

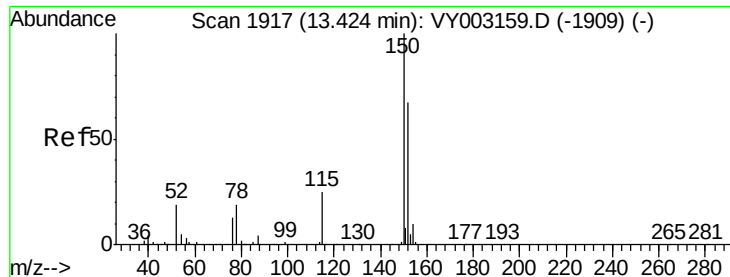
Tot Ion	95	Resp	229783
Ion Ratio	Lower	Upper	
95	100		
174	96.2	0.0	190.6
176	93.3	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003348.D
Acq: 24 Jul 2020 21:38

Tgt Ion	117	Resp	580651
Ion Ratio	Lower	Upper	
117	100		
82	51.9	42.0	63.0
119	32.3	25.5	38.3



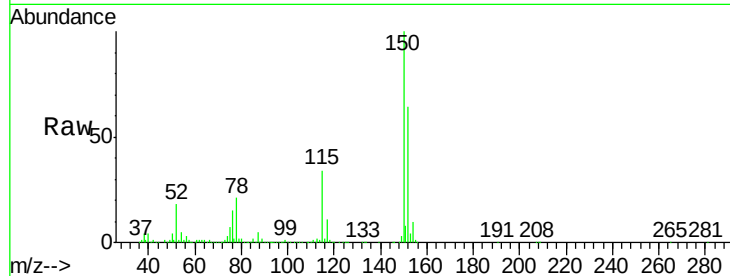


#72

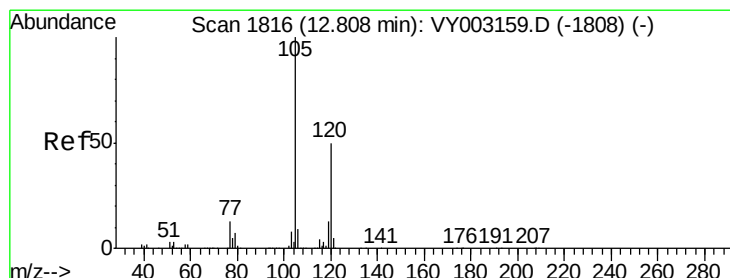
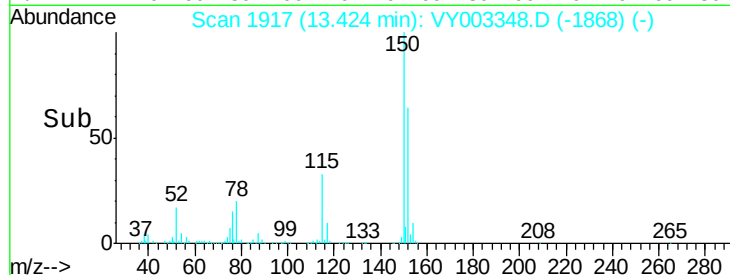
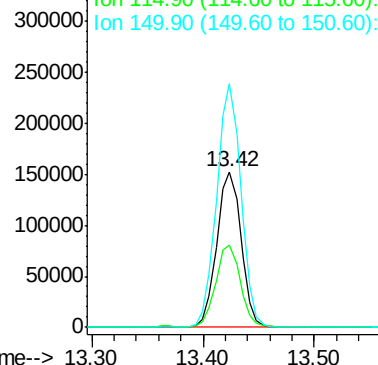
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003348.D
Acq: 24 Jul 2020 21:38

Instrument :
MSVOA_Y
ClientSampled :
16

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.9	80.7
150	155.9	0.0	338.0



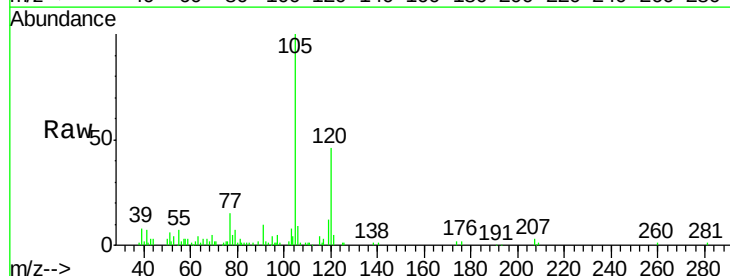
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



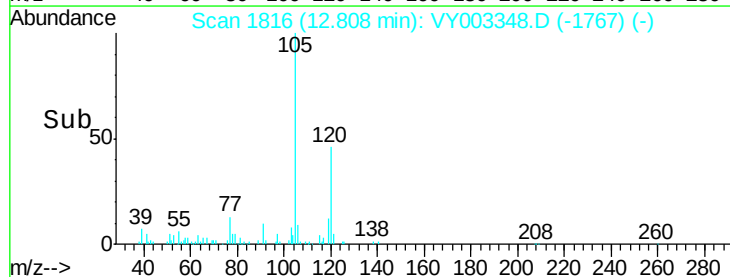
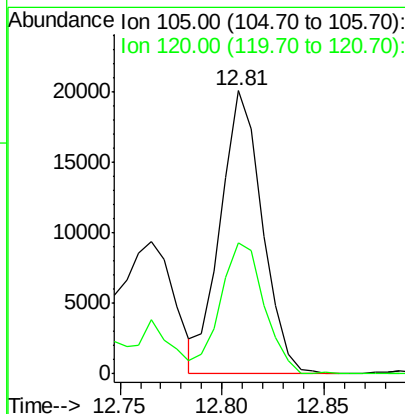
#80

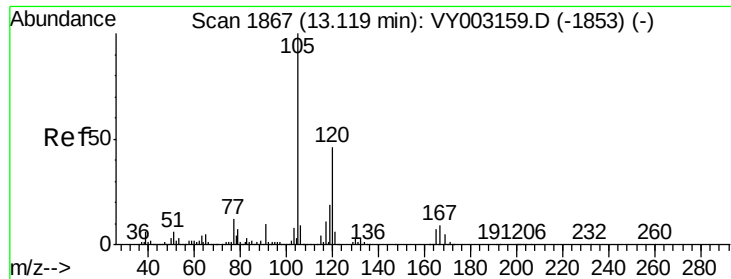
1,3,5-Trimethylbenzene
Concen: 2.302 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003348.D
Acq: 24 Jul 2020 21:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.9	74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

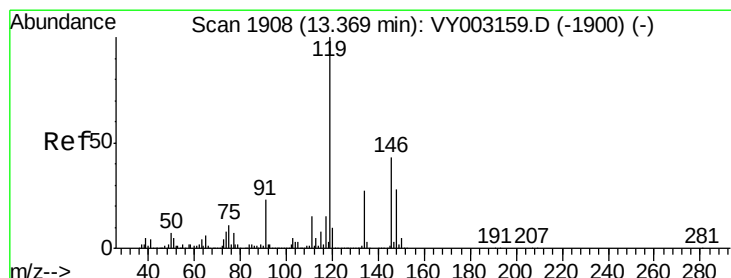
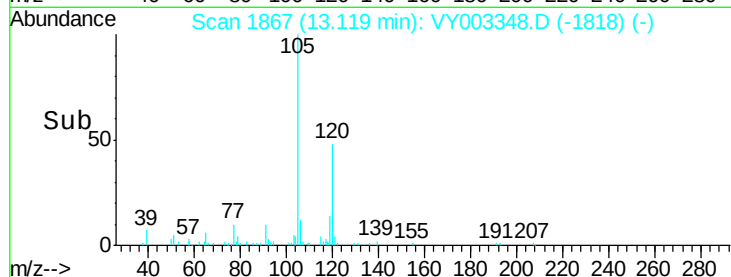
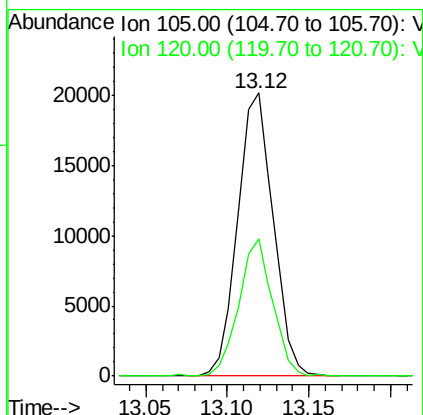
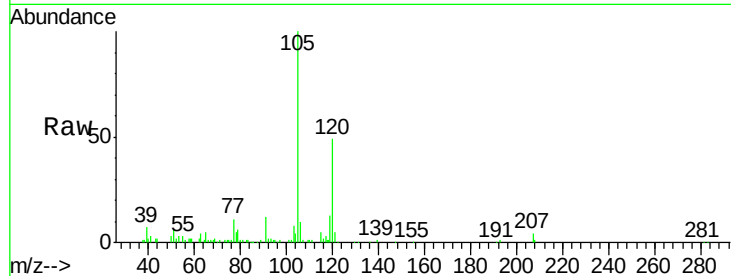




#84
 1,2,4-Trimethylbenzene
 Concen: 2.473 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003348.D
 Acq: 24 Jul 2020 21:38

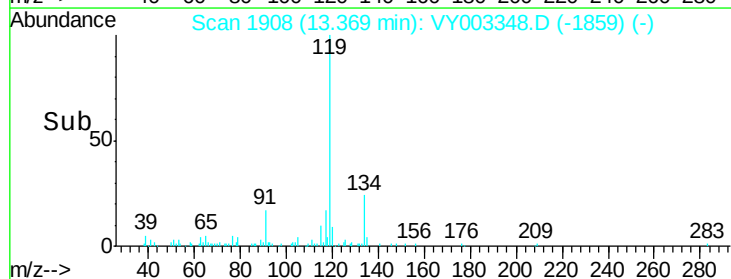
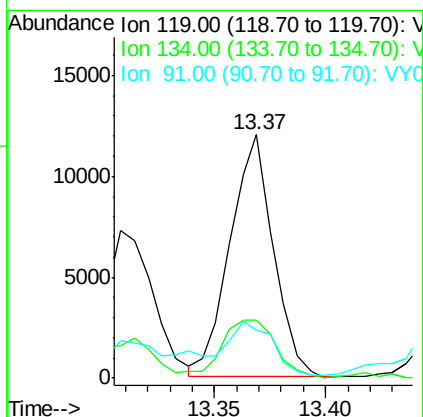
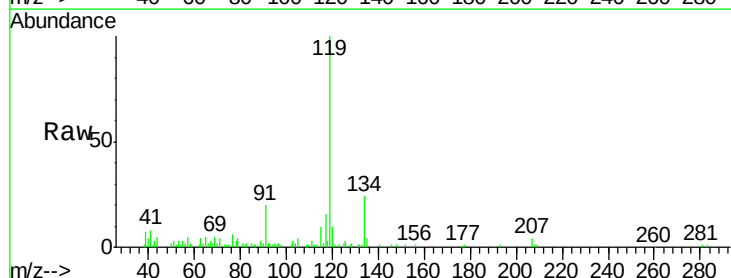
Instrument :
 MSVOA_Y
 ClientSampled :
 16

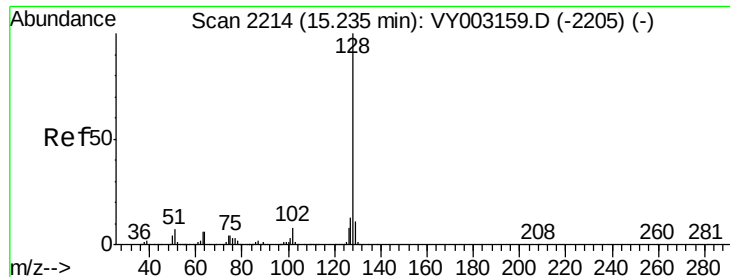
Tot Ion:105 Resp: 30680
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.5 67.5



#86
 p-Isopropyltoluene
 Concen: 1.156 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003348.D
 Acq: 24 Jul 2020 21:38

Tgt Ion:119 Resp: 16142
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.4 40.2
 91 23.4 11.2 33.6

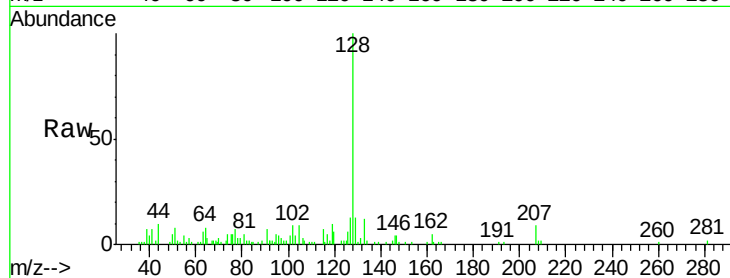




#95
Naphthalene
Concen: 2.638 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003348.D
Acq: 24 Jul 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
16

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.6	10.9	16.3
129	10.7	9.0	13.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

