

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018877.D
 Acq On : 19 Jul 2024 13:15
 Operator : SY/MD
 Sample : P3246-19
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CTW2-BL-04-G

Quant Time: Jul 19 16:51:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

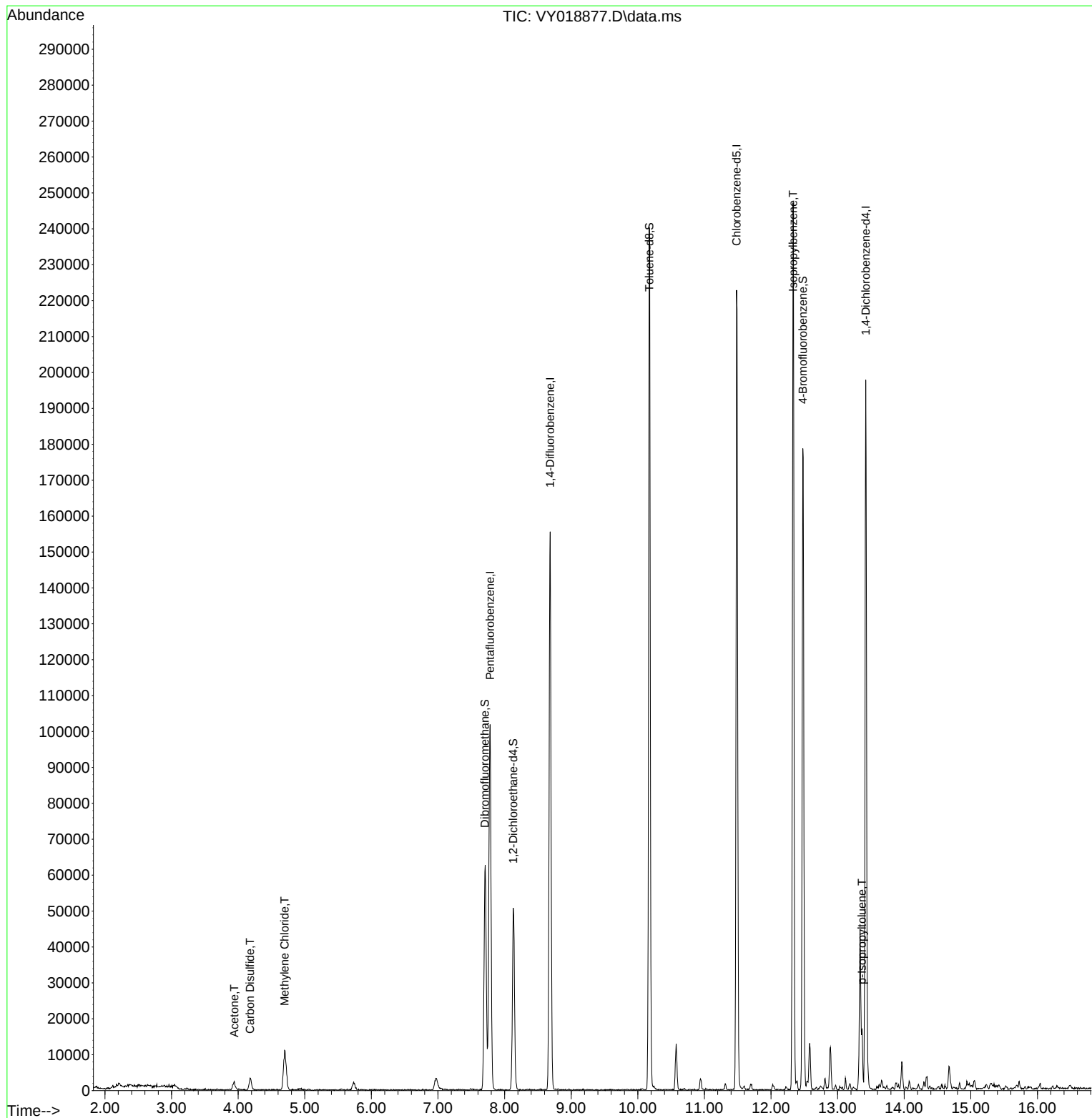
Internal Standards						
1) Pentafluorobenzene	7.783	168	80064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	123274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	38947	49.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.860%
35) Dibromofluoromethane	7.703	113	42111	48.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.173	98	154207	47.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.477	95	49333	44.142	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.280%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	3801	26.169	ug/l #	77
17) Carbon Disulfide	4.180	76	5644	2.606	ug/l #	60
20) Methylene Chloride	4.698	84	8153	5.493	ug/l	90
73) Isopropylbenzene	12.331	105	10313	2.782	ug/l #	62
86) p-Isopropyltoluene	13.367	119	8960	2.611	ug/l #	77

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

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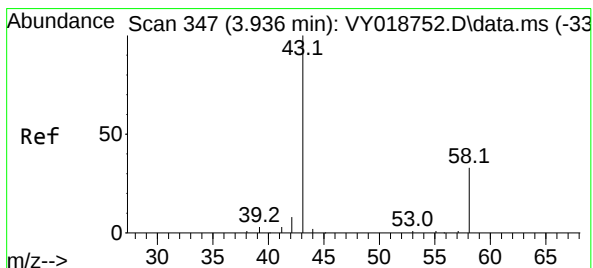
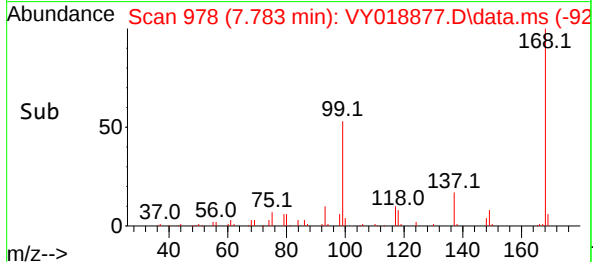
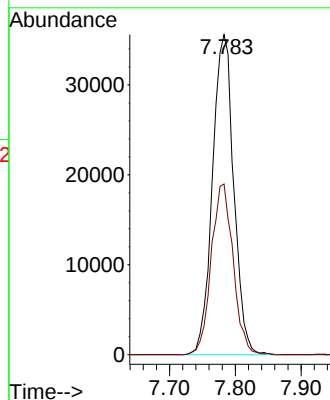
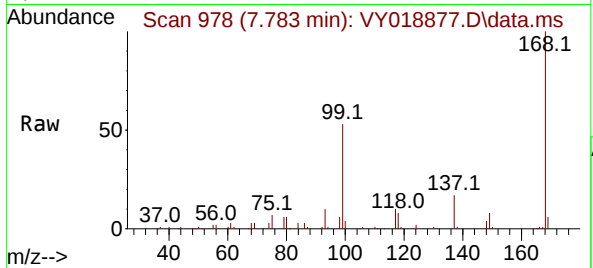




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018877.D
Acq: 19 Jul 2024 13:15

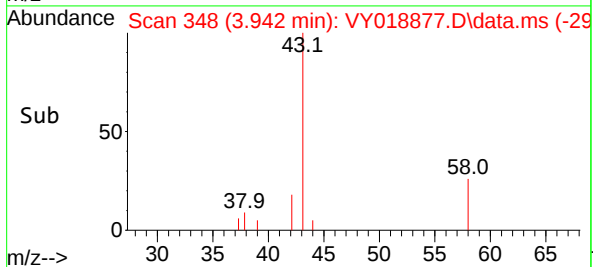
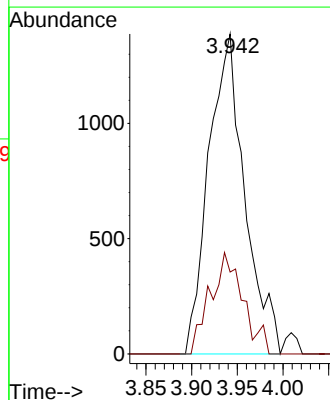
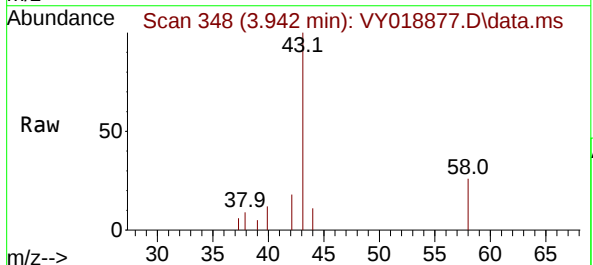
Instrument :
MSVOA_Y
ClientSampleId :
WC-CTW2-BL-04-G

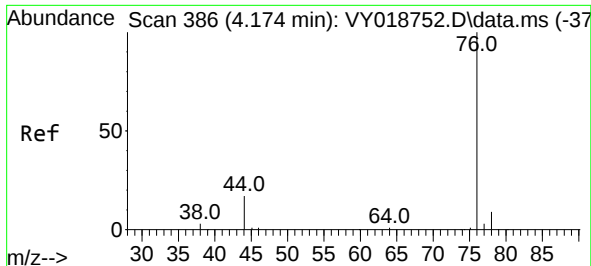
Tgt Ion:168 Resp: 80064
Ion Ratio Lower Upper
168 100
99 53.3 39.1 58.7



#16
Acetone
Concen: 26.169 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018877.D
Acq: 19 Jul 2024 13:15

Tgt Ion: 43 Resp: 3801
Ion Ratio Lower Upper
43 100
58 25.6 31.7 47.5#





#17

Carbon Disulfide

Concen: 2.606 ug/l

RT: 4.180 min Scan# 386

Delta R.T. 0.006 min

Lab File: VY018877.D

Acq: 19 Jul 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

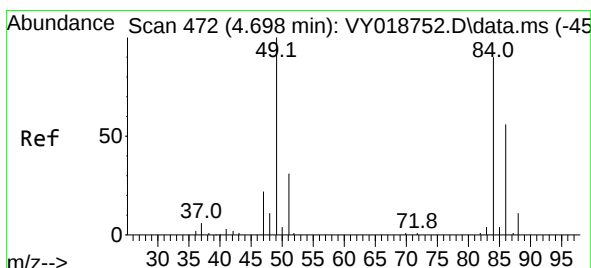
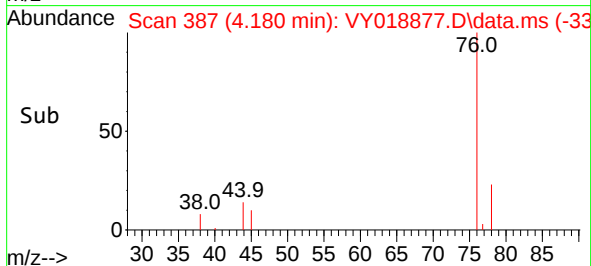
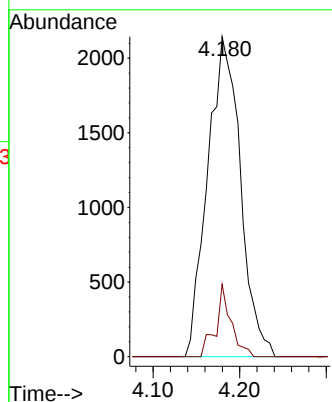
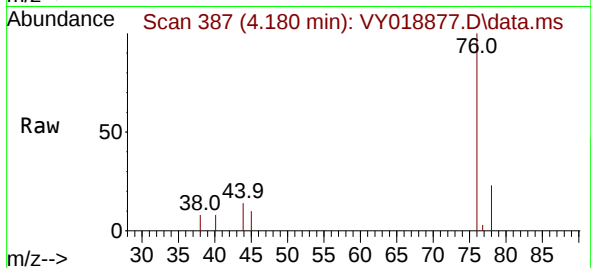
WC-CTW2-BL-04-G

Tgt Ion: 76 Resp: 5644

Ion Ratio Lower Upper

76 100

78 22.6 6.8 10.2#



#20

Methylene Chloride

Concen: 5.493 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018877.D

Acq: 19 Jul 2024 13:15

Tgt Ion: 84 Resp: 8153

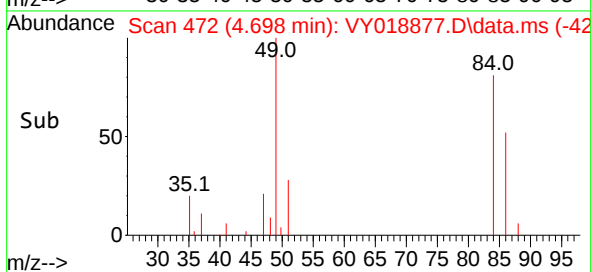
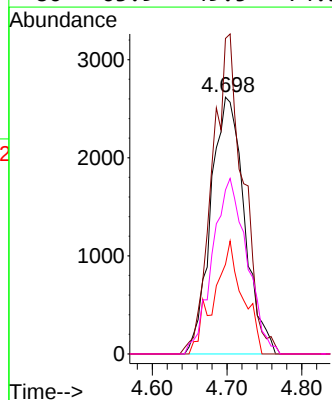
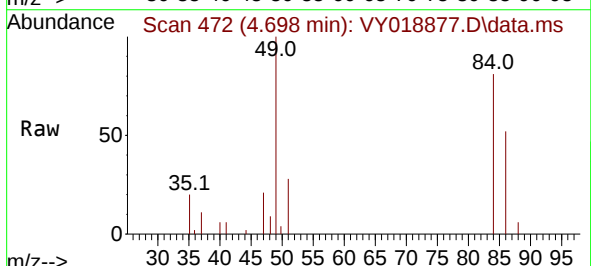
Ion Ratio Lower Upper

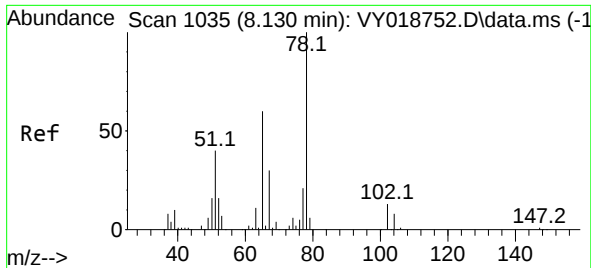
84 100

49 122.9 84.4 126.6

51 34.9 26.0 39.0

86 63.9 49.5 74.3

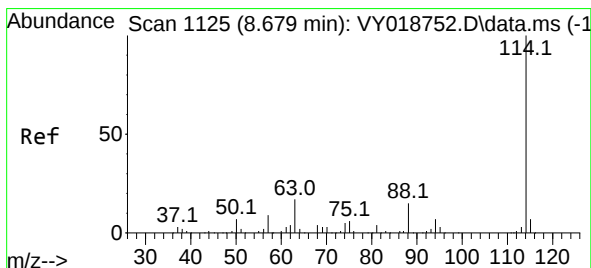
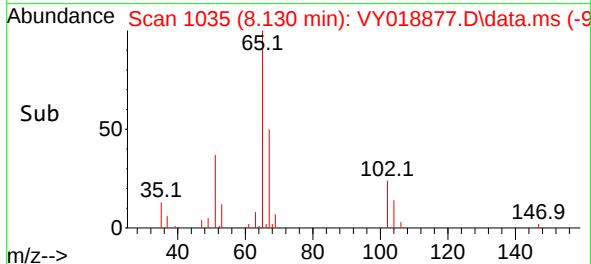
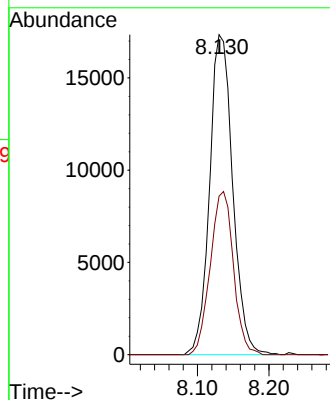
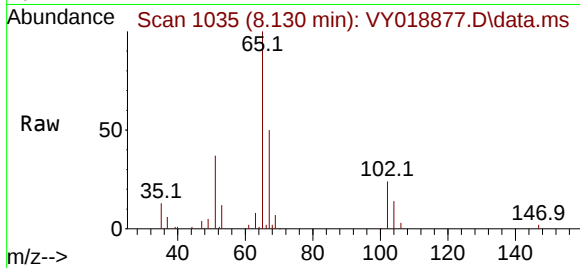




#33
 1,2-Dichloroethane-d4
 Concen: 49.435 ug/l
 RT: 8.130 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY018877.D
 Acq: 19 Jul 2024 13:15

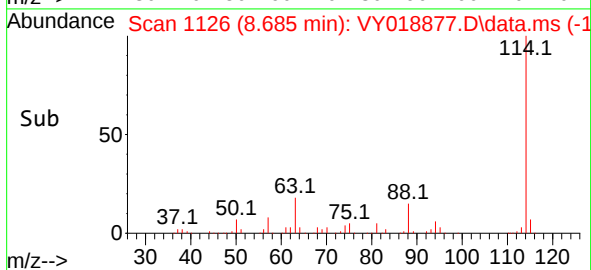
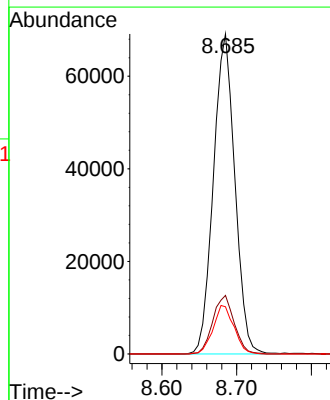
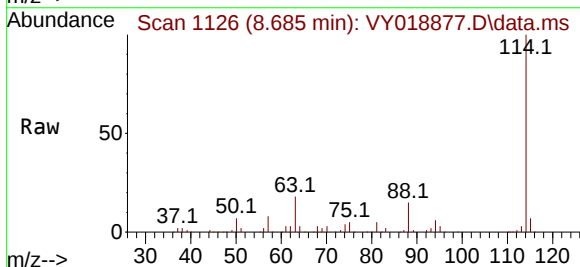
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CTW2-BL-04-G

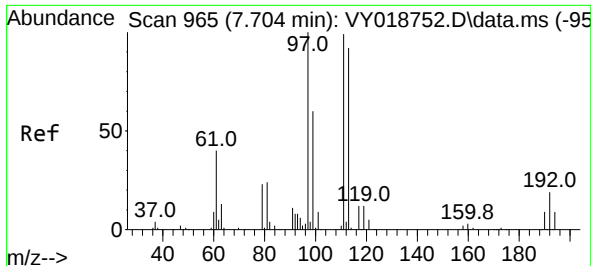
Tgt Ion: 65 Resp: 38947
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY018877.D
 Acq: 19 Jul 2024 13:15

Tgt Ion: 114 Resp: 137917
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.0
 88 14.8 0.0 27.2

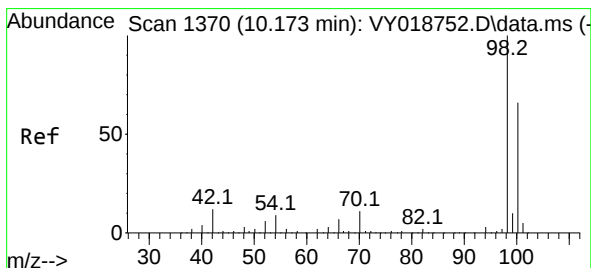
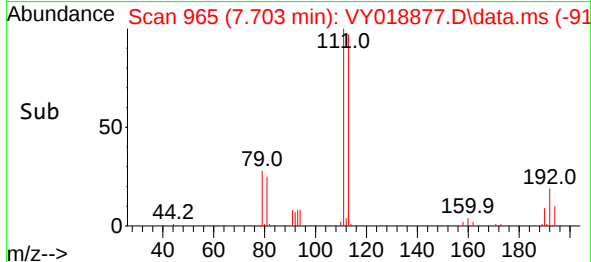
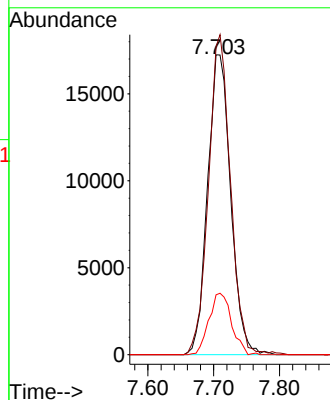
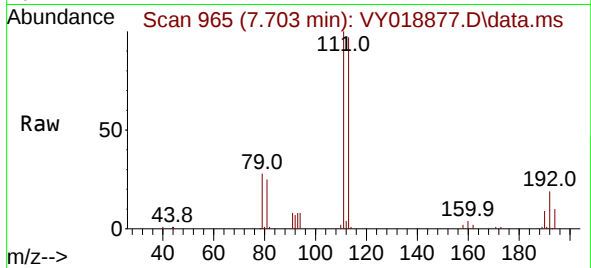




#35
Dibromofluoromethane
Concen: 48.751 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018877.D
Acq: 19 Jul 2024 13:15

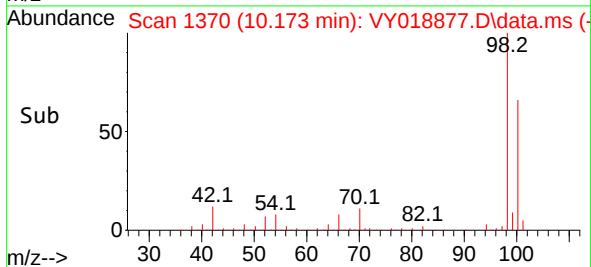
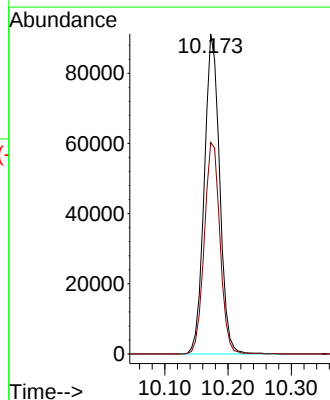
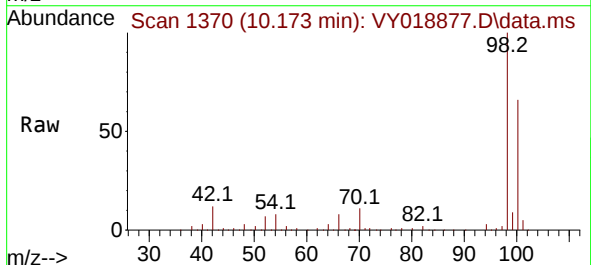
Instrument :
MSVOA_Y
ClientSampleId :
WC-CTW2-BL-04-G

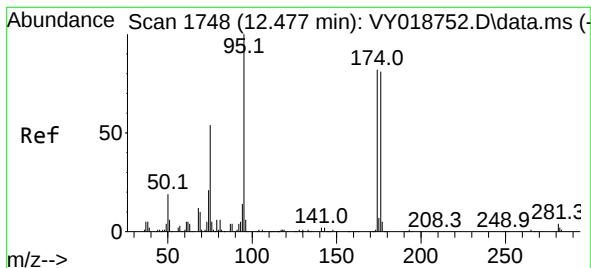
Tgt Ion:113 Resp: 42111
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 20.0 15.9 23.9



#50
Toluene-d8
Concen: 47.121 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018877.D
Acq: 19 Jul 2024 13:15

Tgt Ion: 98 Resp: 154207
Ion Ratio Lower Upper
98 100
100 67.4 52.0 78.0

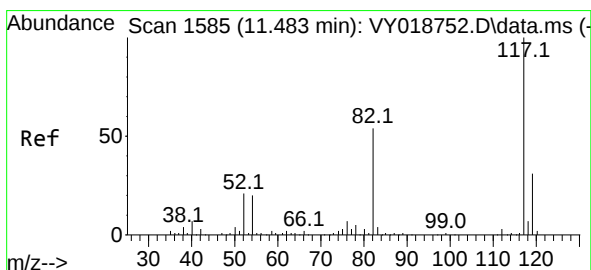
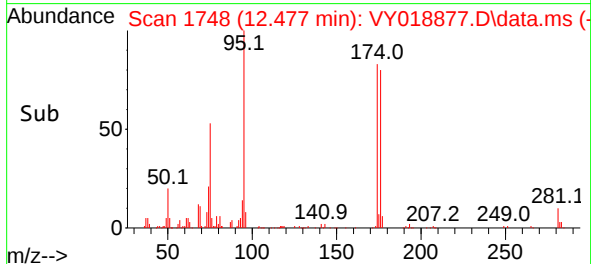
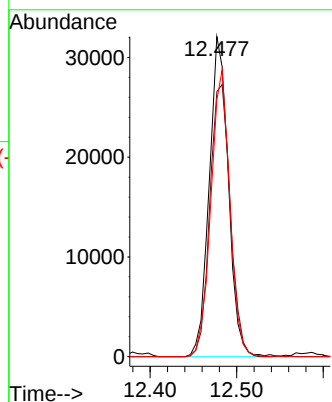
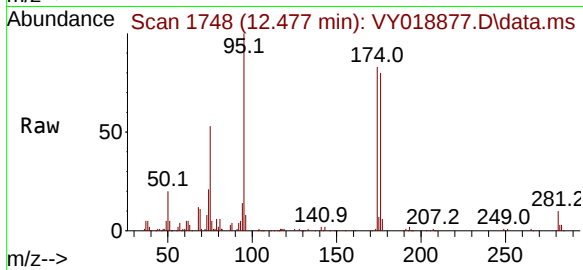




#62
4-Bromofluorobenzene
Concen: 44.142 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018877.D
Acq: 19 Jul 2024 13:15

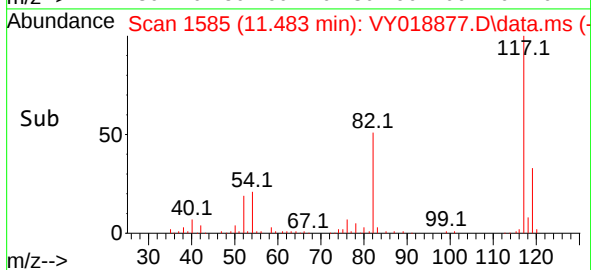
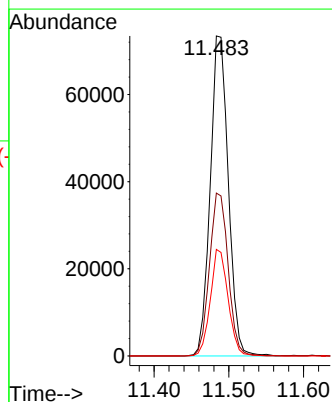
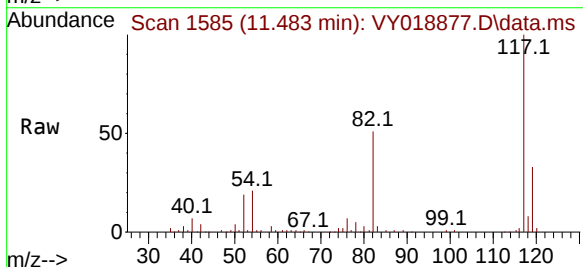
Instrument :
MSVOA_Y
ClientSampleId :
WC-CTW2-BL-04-G

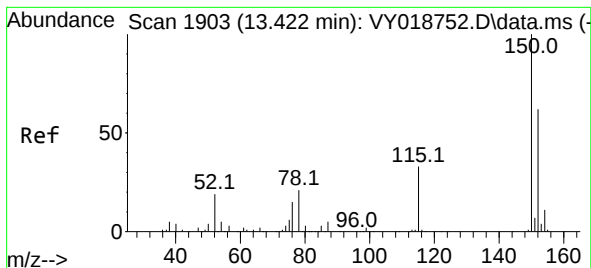
Tgt Ion: 95 Resp: 49333
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.6
176 88.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018877.D
Acq: 19 Jul 2024 13:15

Tgt Ion: 117 Resp: 123274
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 33.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018877.D

Acq: 19 Jul 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

WC-CTW2-BL-04-G

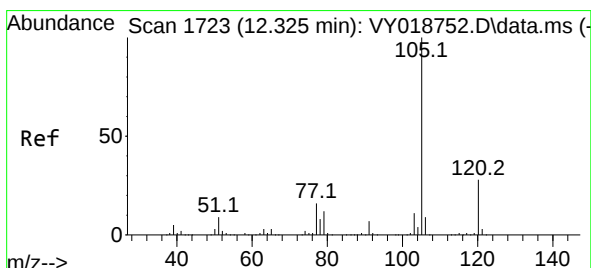
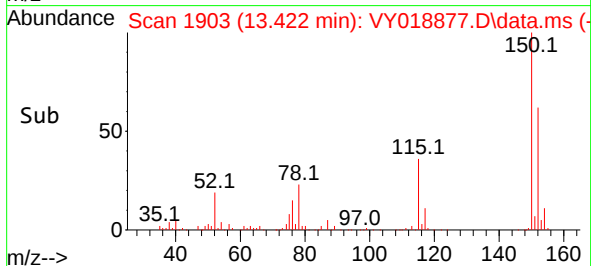
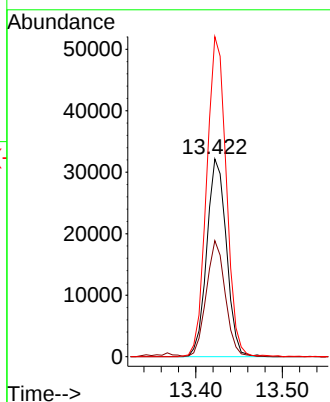
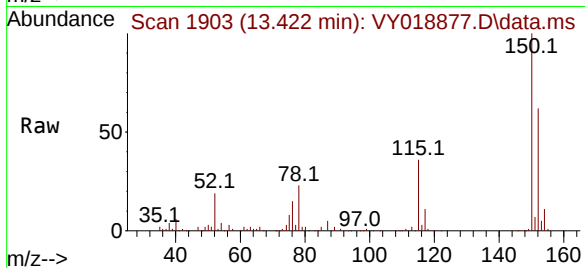
Tgt Ion:152 Resp: 50656

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 161.5 0.0 345.6



#73

Isopropylbenzene

Concen: 2.782 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY018877.D

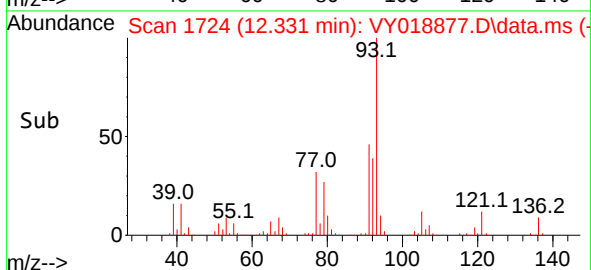
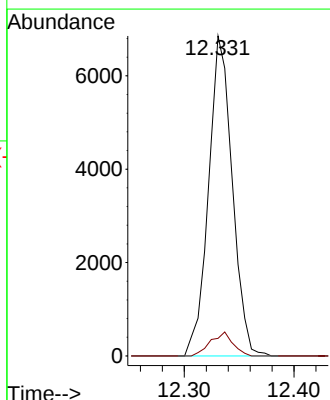
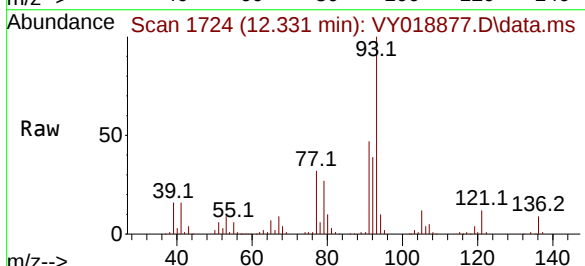
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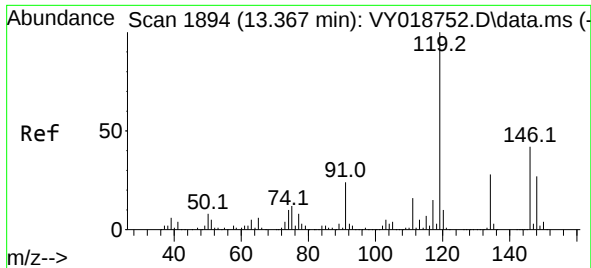
Tgt Ion:105 Resp: 10313

Ion Ratio Lower Upper

105 100

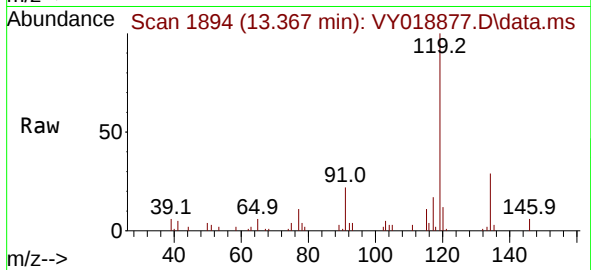
120 7.0 13.4 40.1#





#86
 p-Isopropyltoluene
 Concen: 2.611 ug/l
 RT: 13.367 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY018877.D
 Acq: 19 Jul 2024 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CTW2-BL-04-G



Tgt Ion:	119	Resp:	8960
Ion	Ratio	Lower	Upper
119	100		
134	28.3	13.1	39.3
91	0.0	10.7	32.1#

