

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020216.D
 Acq On : 07 Nov 2024 18:51
 Operator : SY/MD
 Sample : P4734-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-11062024

Quant Time: Nov 08 00:32:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

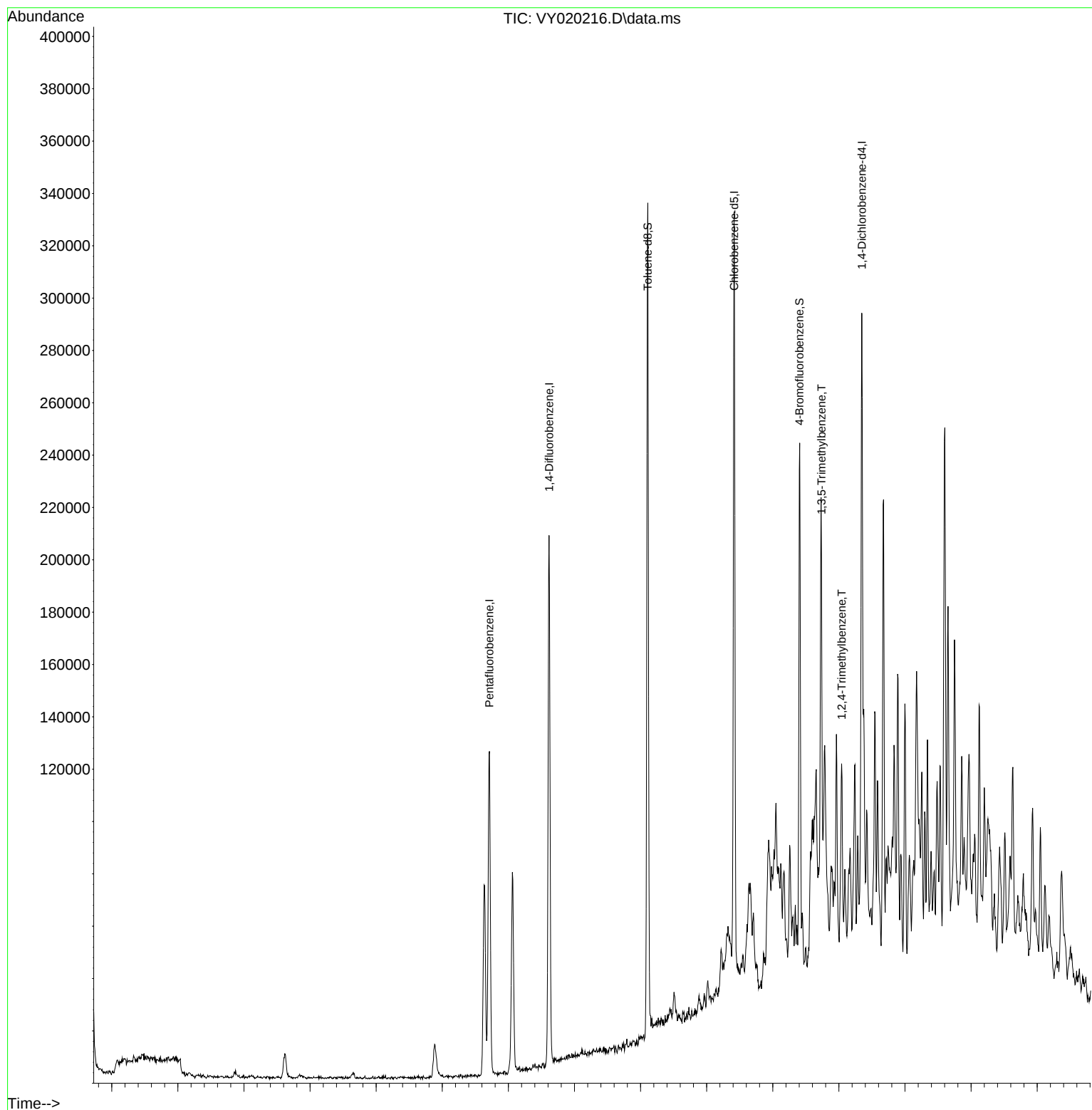
Internal Standards						
1) Pentafluorobenzene	7.713	168	87698	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	162959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	141956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	50872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57057	52.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.260%	
35) Dibromofluoromethane	7.640	113	53836	51.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.920%	
50) Toluene-d8	10.109	98	194263	47.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.200%	
62) 4-Bromofluorobenzene	12.401	95	59138	44.147	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.300%	
Target Compounds						Qvalue
16) Acetone	3.872	43	4295	16.874	ug/l	# 79
80) 1,3,5-Trimethylbenzene	12.737	105	21949	6.727	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	29899	9.252	ug/l	99
85) sec-Butylbenzene	13.176	105	7806	1.782	ug/l	91
86) p-Isopropyltoluene	13.291	119	5633	1.603	ug/l	# 80
89) n-Butylbenzene	13.615	91	8752	2.484	ug/l	# 77

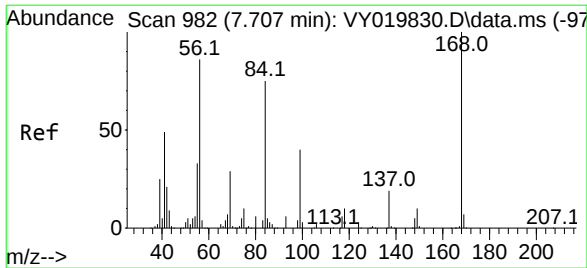
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

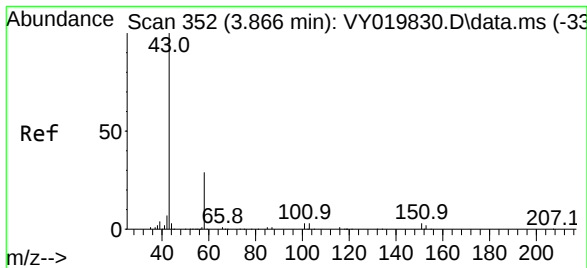
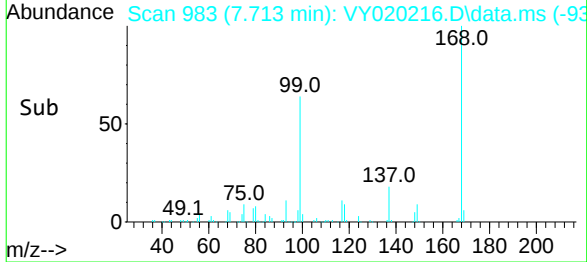
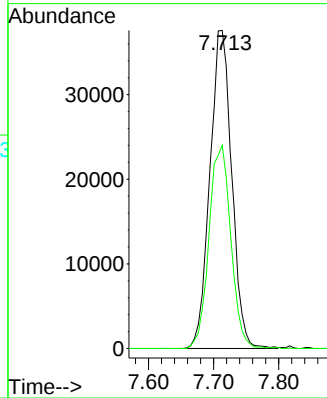
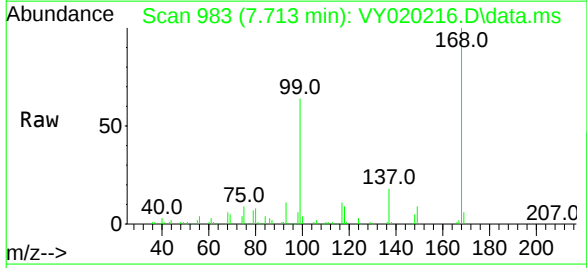




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020216.D
Acq: 07 Nov 2024 18:51

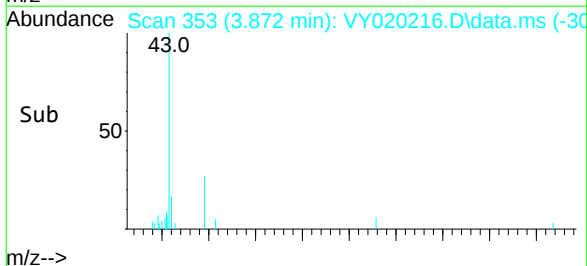
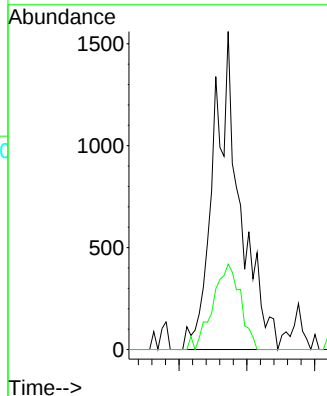
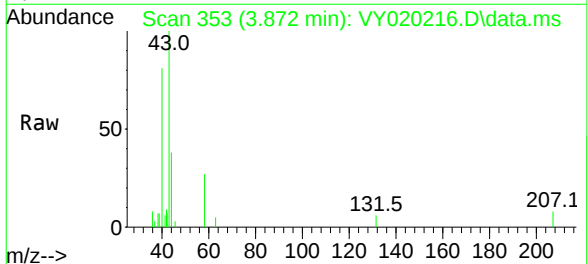
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-11062024

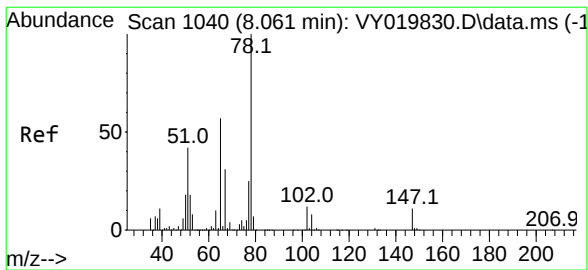
Tgt Ion:168 Resp: 87698
Ion Ratio Lower Upper
168 100
99 63.9 39.1 58.7#



#16
Acetone
Concen: 16.874 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020216.D
Acq: 07 Nov 2024 18:51

Tgt Ion: 43 Resp: 4295
Ion Ratio Lower Upper
43 100
58 26.9 31.7 47.5#

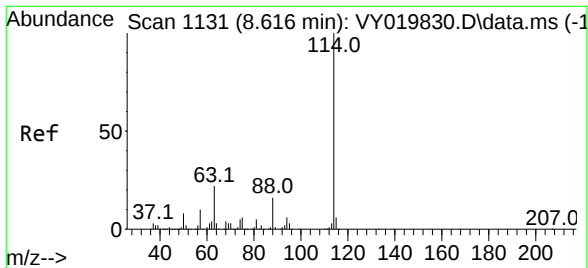
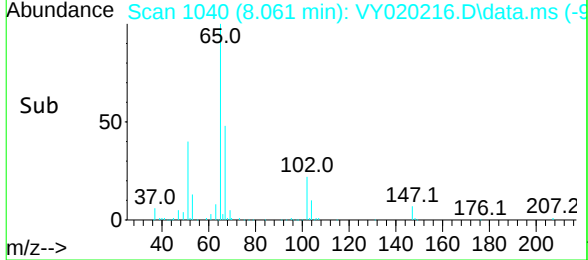
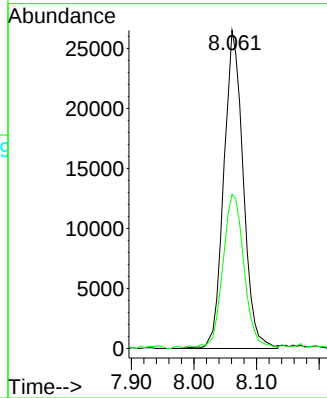
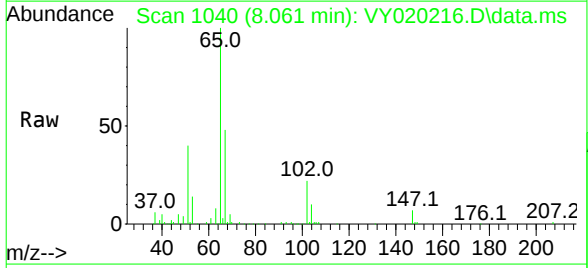




#33
1,2-Dichloroethane-d4
Concen: 52.129 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020216.D
Acq: 07 Nov 2024 18:51

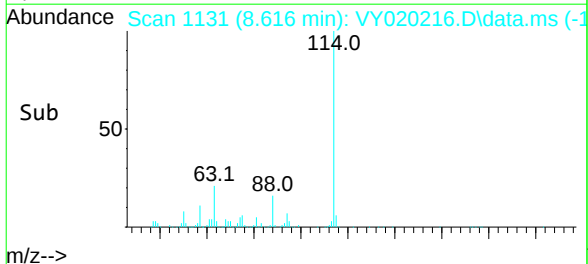
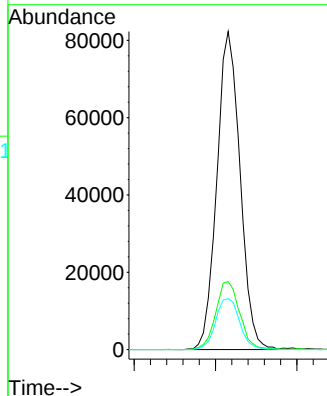
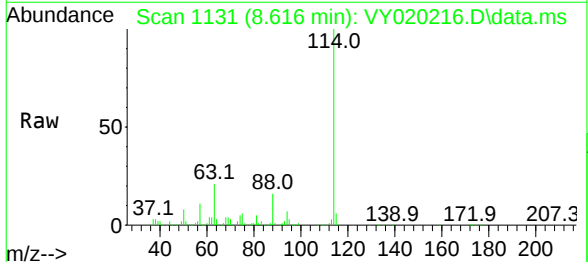
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-11062024

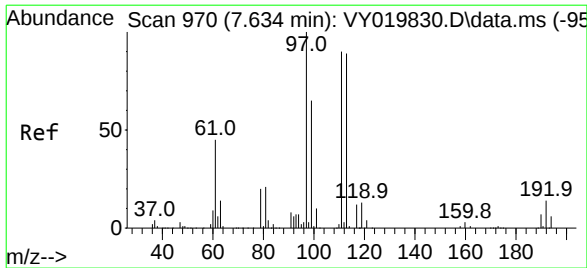
Tgt Ion: 65 Resp: 57057
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020216.D
Acq: 07 Nov 2024 18:51

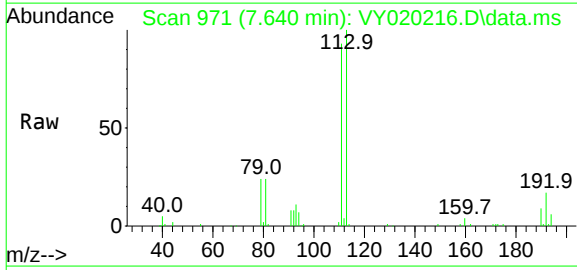
Tgt Ion: 114 Resp: 162959
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 16.0 0.0 27.2



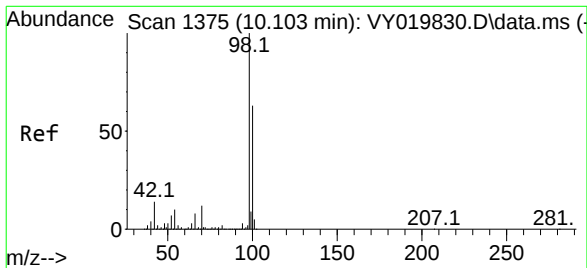
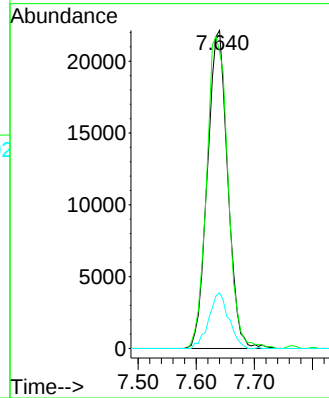
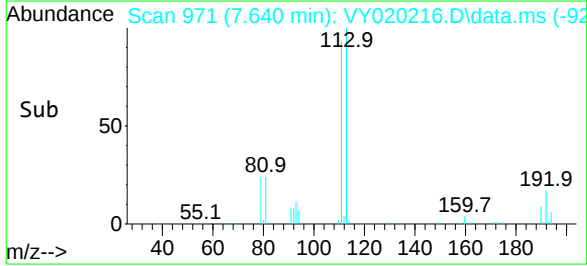


#35
Dibromofluoromethane
Concen: 51.961 ug/l
RT: 7.640 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY020216.D
Acq: 07 Nov 2024 18:51

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-11062024

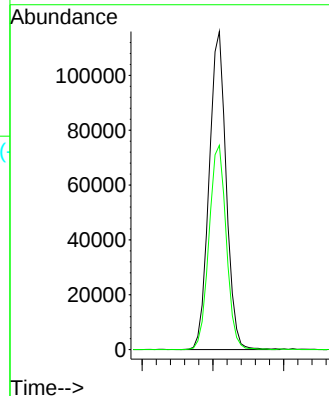
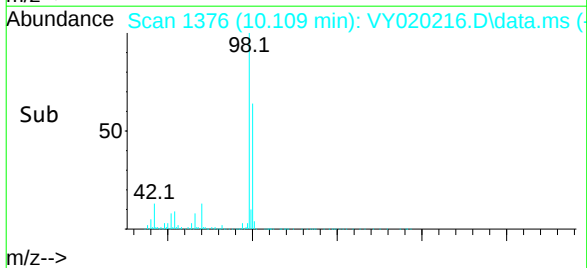
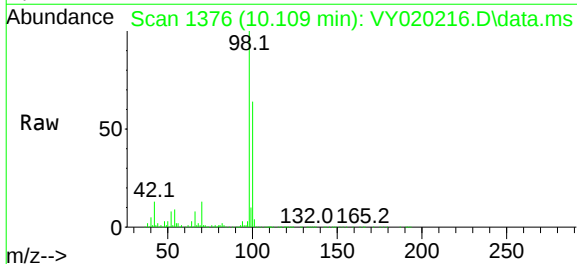


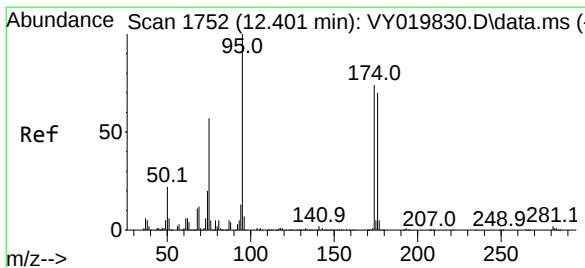
Tgt Ion:113 Resp: 53836
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.2 15.9 23.9



#50
Toluene-d8
Concen: 47.104 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020216.D
Acq: 07 Nov 2024 18:51

Tgt Ion: 98 Resp: 194263
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

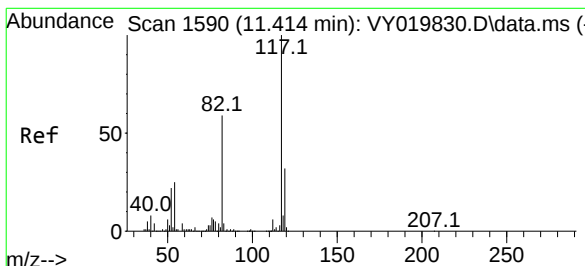
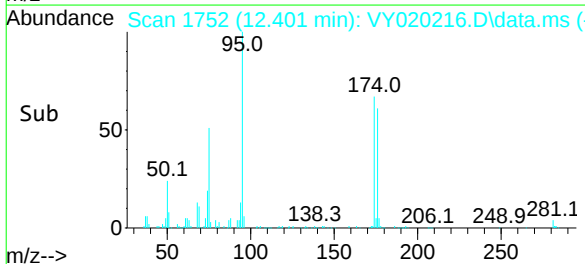
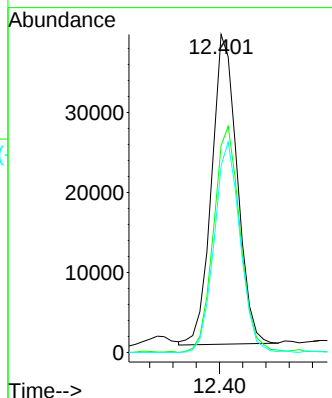
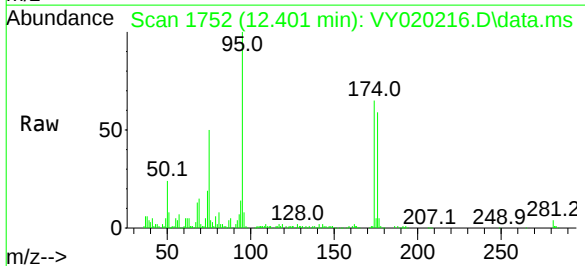




#62
4-Bromofluorobenzene
Concen: 44.147 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020216.D
Acq: 07 Nov 2024 18:51

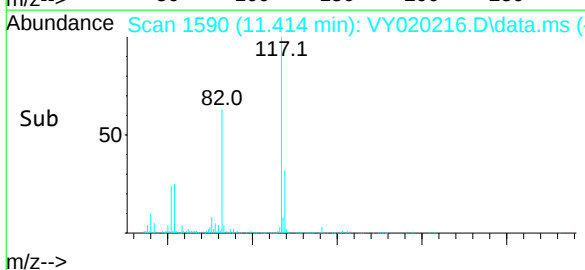
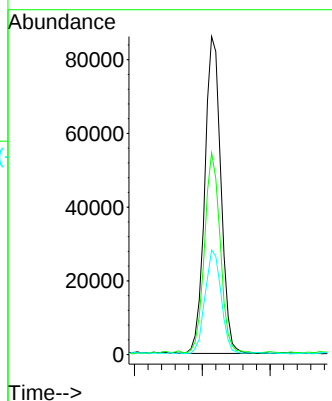
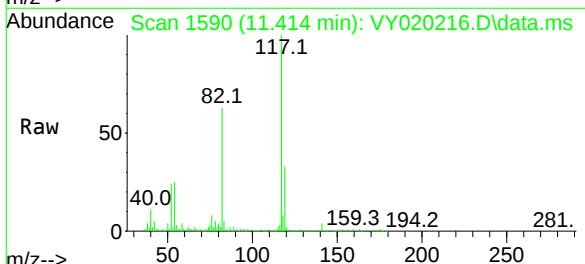
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-11062024

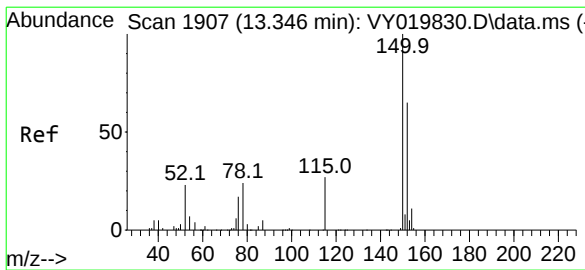
Tgt Ion: 95 Resp: 59138
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 69.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020216.D
Acq: 07 Nov 2024 18:51

Tgt Ion: 117 Resp: 141956
Ion Ratio Lower Upper
117 100
82 63.1 42.4 63.6
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020216.D

Acq: 07 Nov 2024 18:51

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-11062024

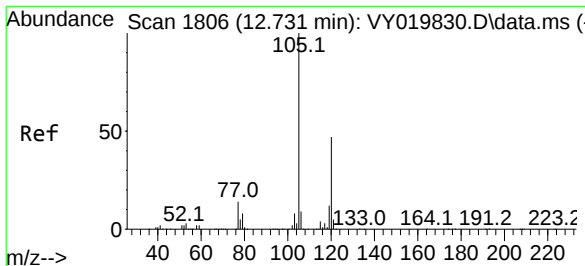
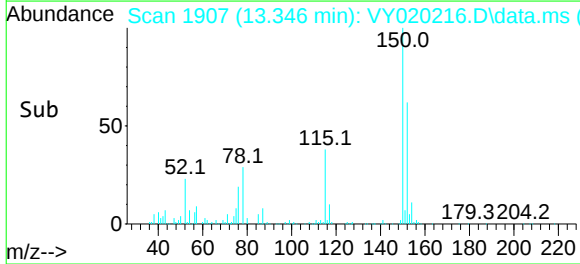
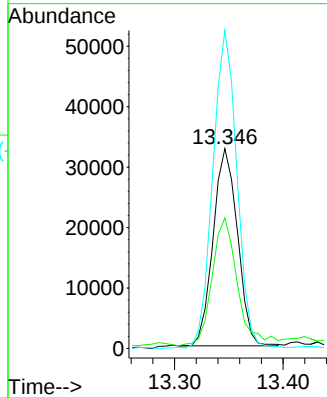
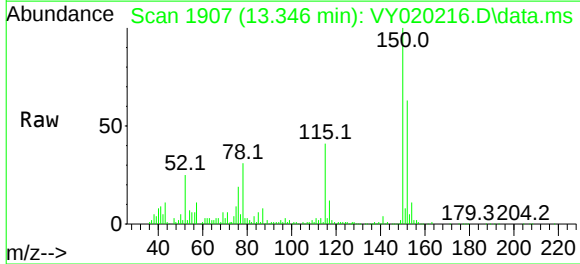
Tgt Ion:152 Resp: 50872

Ion Ratio Lower Upper

152 100

115 68.3 28.2 84.7

150 160.1 0.0 345.6



#80

1,3,5-Trimethylbenzene

Concen: 6.727 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020216.D

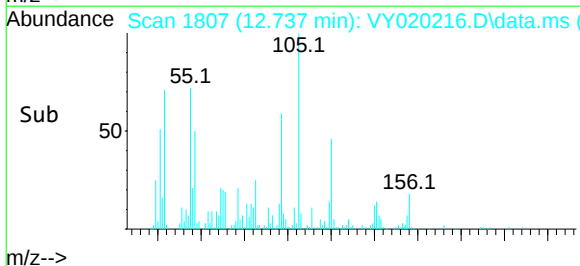
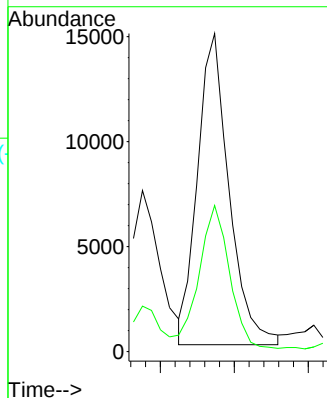
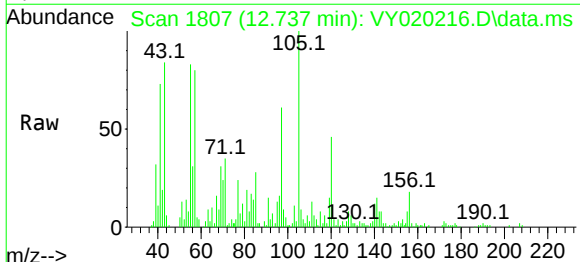
Acq: 07 Nov 2024 18:51

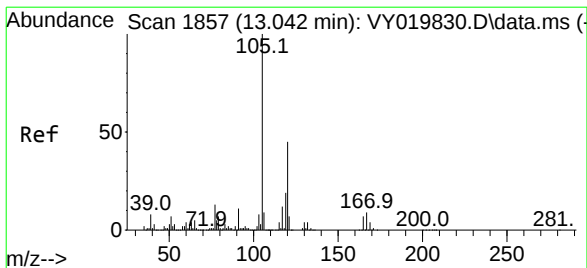
Tgt Ion:105 Resp: 21949

Ion Ratio Lower Upper

105 100

120 45.7 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 9.252 ug/l

RT: 13.042 min Scan# 18

Delta R.T. -0.006 min

Lab File: VY020216.D

Acq: 07 Nov 2024 18:51

Instrument :

MSVOA_Y

ClientSampleId :

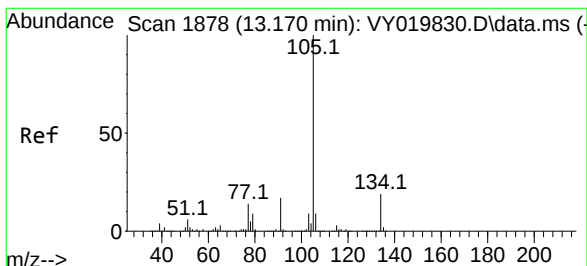
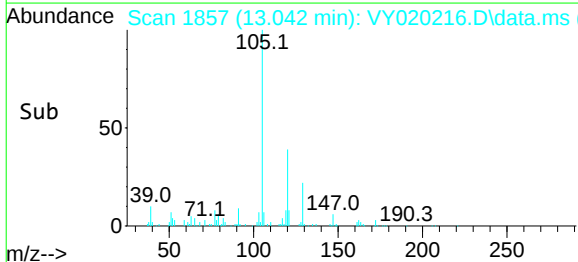
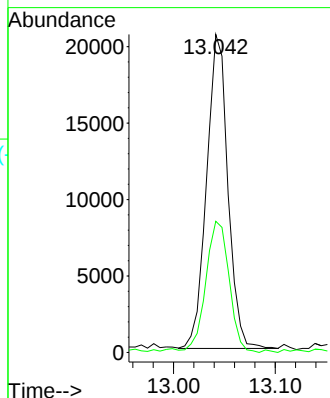
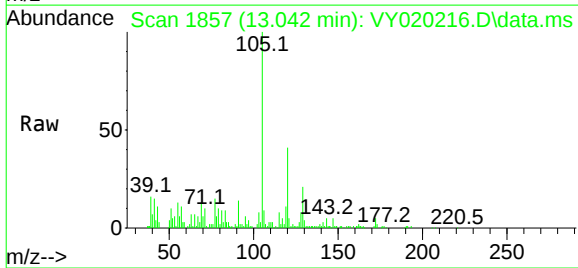
EO-03-11062024

Tgt Ion:105 Resp: 29899

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6



#85

sec-Butylbenzene

Concen: 1.782 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020216.D

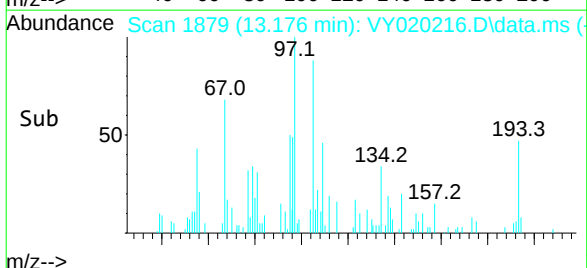
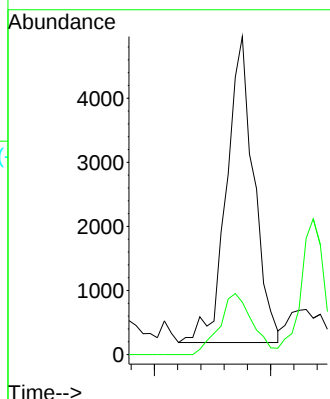
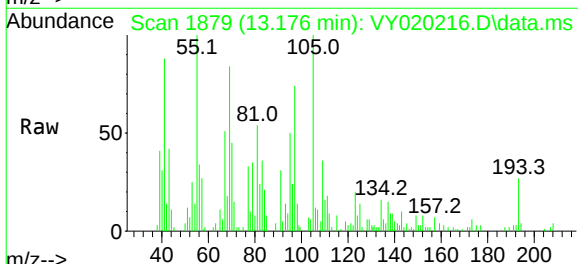
Acq: 07 Nov 2024 18:51

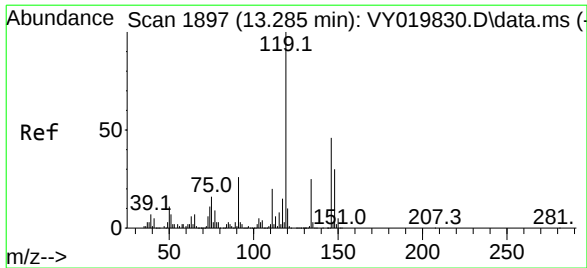
Tgt Ion:105 Resp: 7806

Ion Ratio Lower Upper

105 100

134 24.2 10.1 30.1





#86

p-Isopropyltoluene

Concen: 1.603 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020216.D

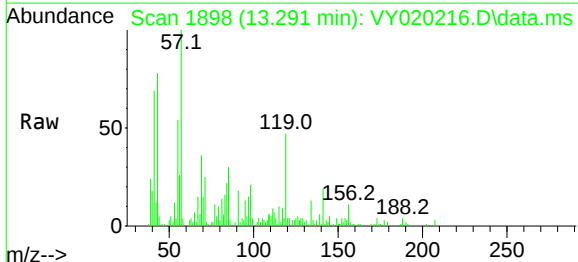
Acq: 07 Nov 2024 18:51

Instrument :

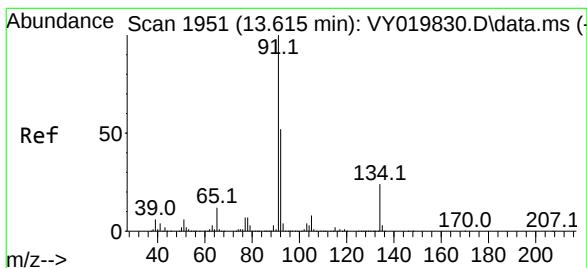
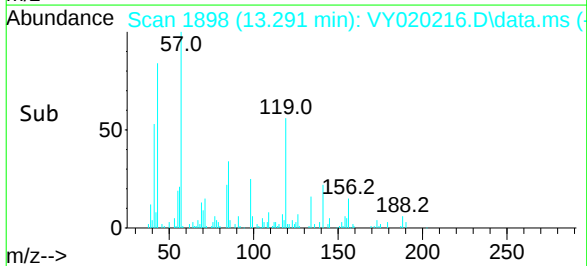
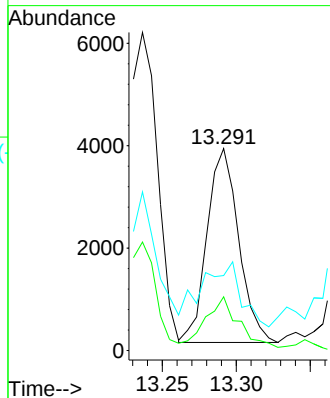
MSVOA_Y

ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.3
91	41.7	10.7	32.1



#89

n-Butylbenzene

Concen: 2.484 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY020216.D

Acq: 07 Nov 2024 18:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.8	26.6	79.7
134	0.0	12.9	38.7

