

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016951.D
 Acq On : 09 Jan 2024 16:11
 Operator : SY/MD
 Sample : P1067-03
 Misc : 3.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-A-GRAB

Quant Time: Jan 10 02:28:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

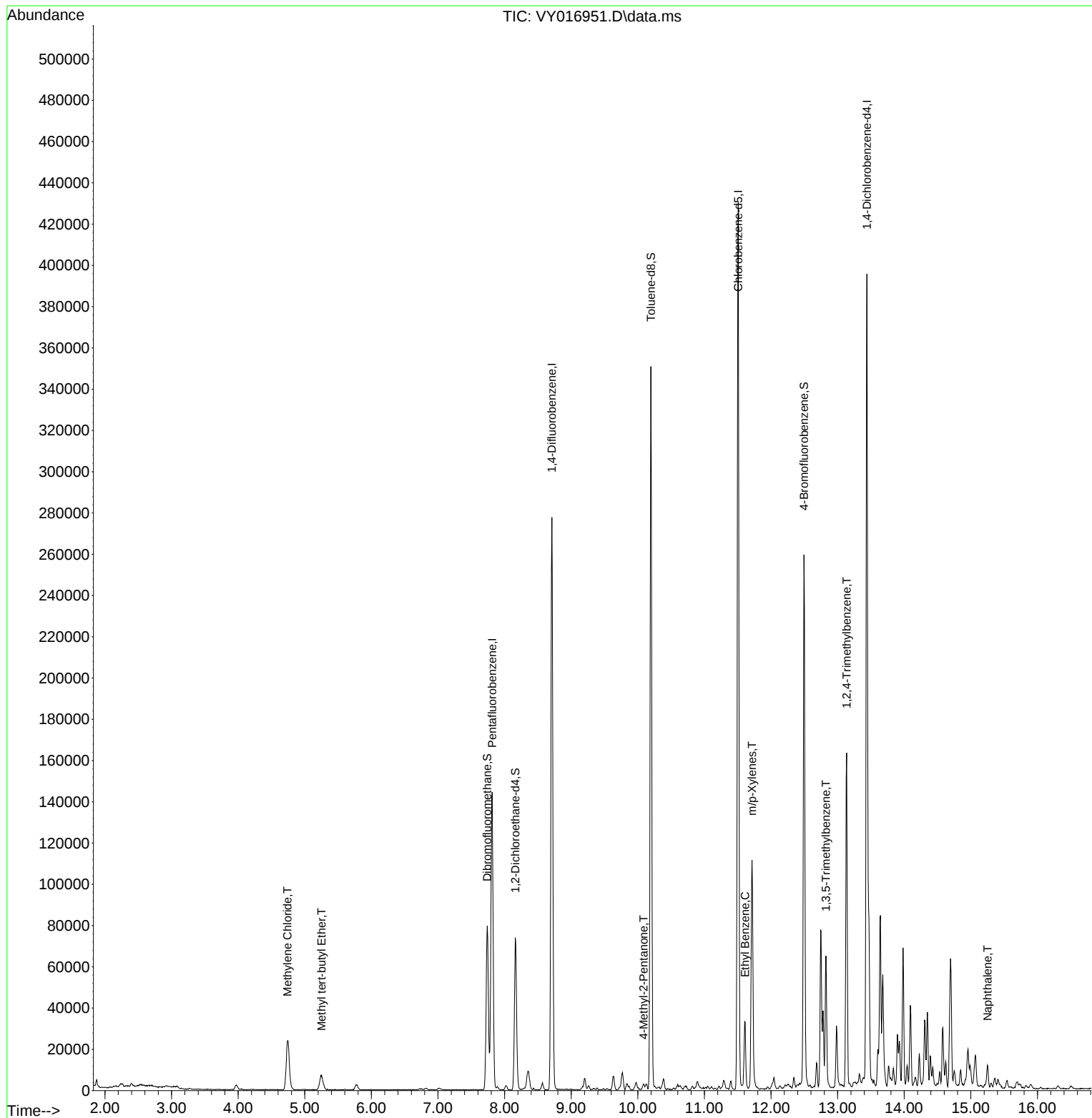
Internal Standards						
1) Pentafluorobenzene	7.813	168	110685	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	237844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	235529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	96953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	53709	49.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.200%
35) Dibromofluoromethane	7.740	113	58637	38.688	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.380%
50) Toluene-d8	10.197	98	217328	41.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.280%
62) 4-Bromofluorobenzene	12.495	95	75065	42.630	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.260%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.253	73	11117	4.053	ug/l	91
20) Methylene Chloride	4.741	84	18872	7.076	ug/l	95
51) 4-Methyl-2-Pentanone	10.087	43	2238	2.189	ug/l	93
67) Ethyl Benzene	11.611	91	22085	2.500	ug/l	99
68) m/p-Xylenes	11.715	106	34196	10.547	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	28730	4.588	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	86399	14.011	ug/l	99
95) Naphthalene	15.251	128	8691	4.111	ug/l	97

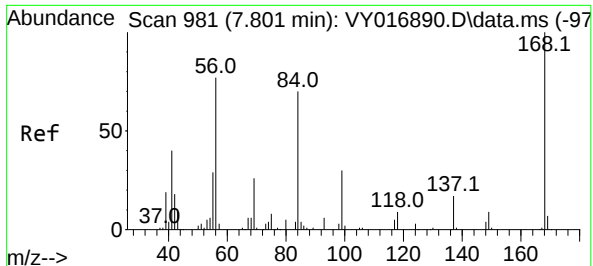
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016951.D
Acq On : 09 Jan 2024 16:11
Operator : SY/MD
Sample : P1067-03
Misc : 3.61g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-A-GRAB

Quant Time: Jan 10 02:28:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

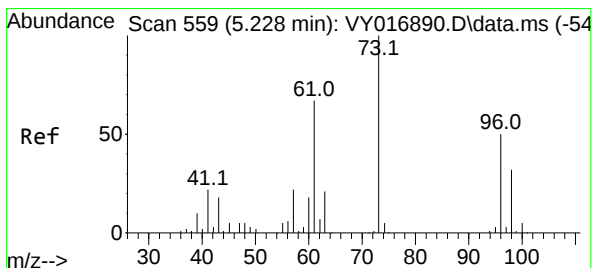
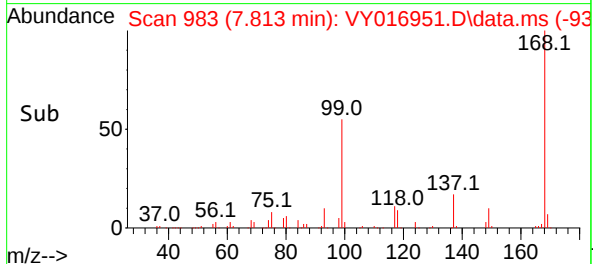
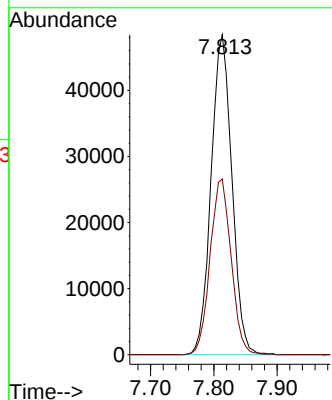
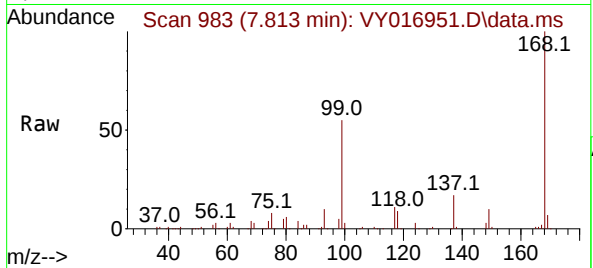




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016951.D
Acq: 09 Jan 2024 16:11

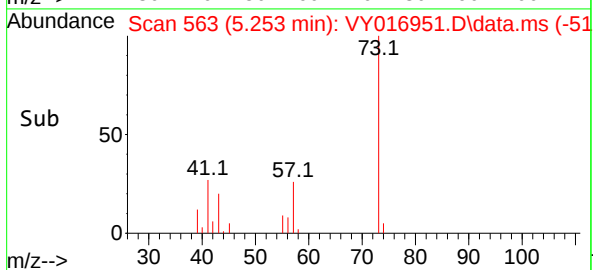
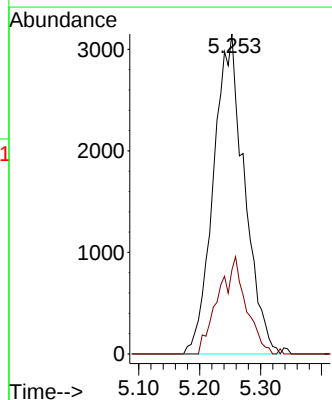
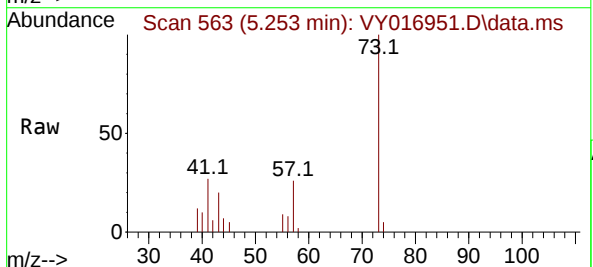
Instrument :
MSVOA_Y
ClientSampleId :
SP-A-GRAB

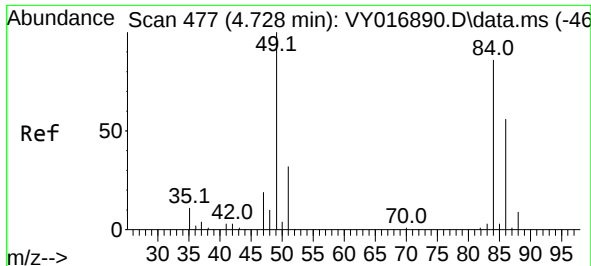
Tgt Ion:168 Resp: 110685
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#19
Methyl tert-butyl Ether
Concen: 4.053 ug/l
RT: 5.253 min Scan# 563
Delta R.T. 0.019 min
Lab File: VY016951.D
Acq: 09 Jan 2024 16:11

Tgt Ion: 73 Resp: 11117
Ion Ratio Lower Upper
73 100
57 26.2 17.7 26.5



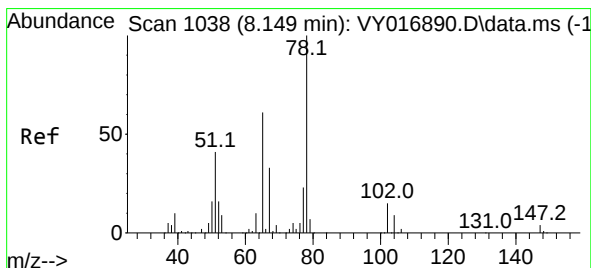
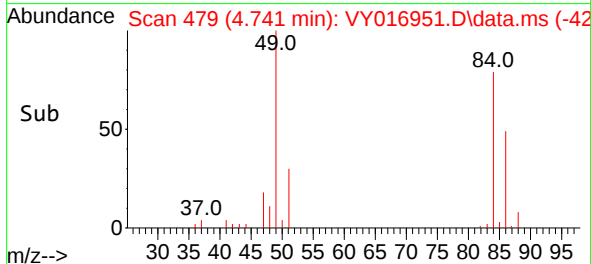
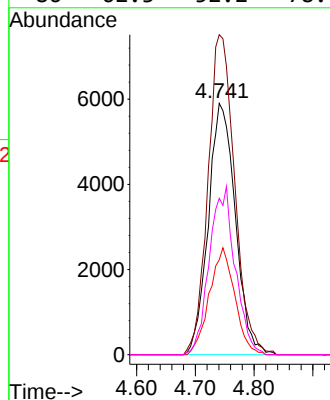
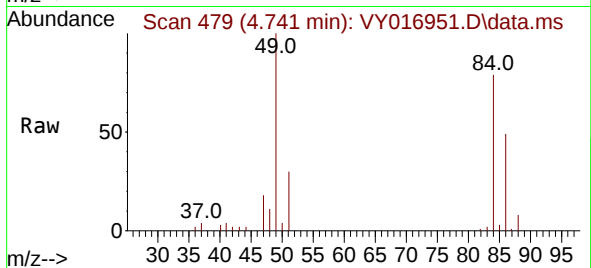


#20
Methylene Chloride
Concen: 7.076 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY016951.D
Acq: 09 Jan 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :
SP-A-GRAB

Tgt Ion: 84 Resp: 18872

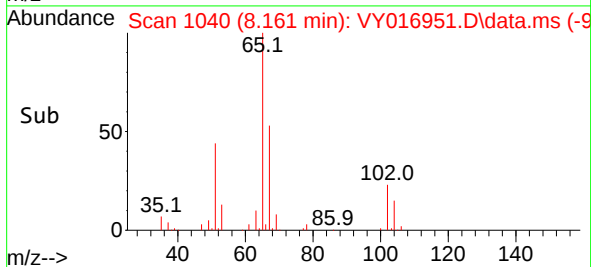
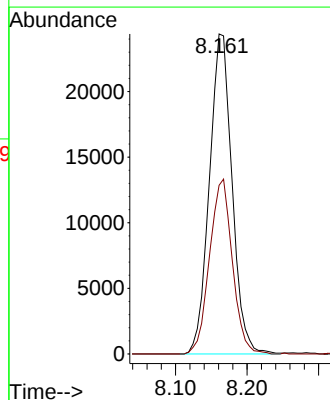
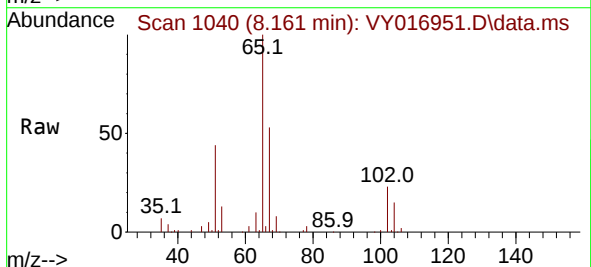
Ion	Ratio	Lower	Upper
84	100		
49	127.3	95.2	142.8
51	37.7	29.9	44.9
86	62.3	52.2	78.4

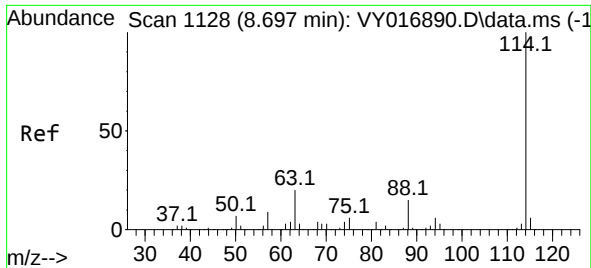


#33
1,2-Dichloroethane-d4
Concen: 49.096 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016951.D
Acq: 09 Jan 2024 16:11

Tgt Ion: 65 Resp: 53709

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016951.D

Acq: 09 Jan 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

SP-A-GRAB

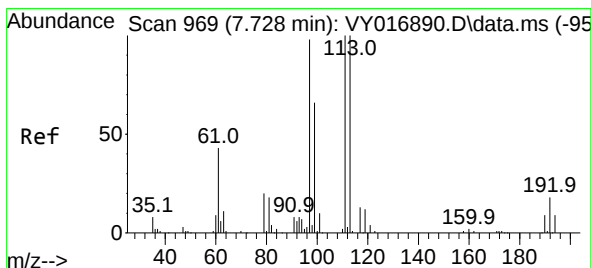
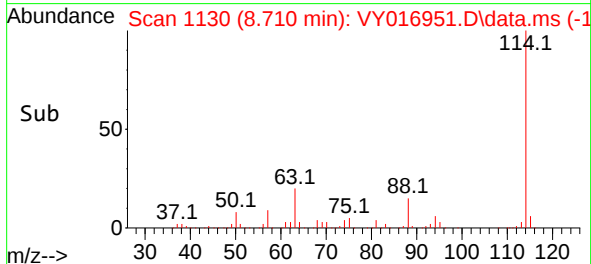
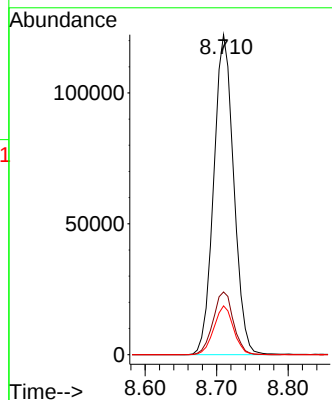
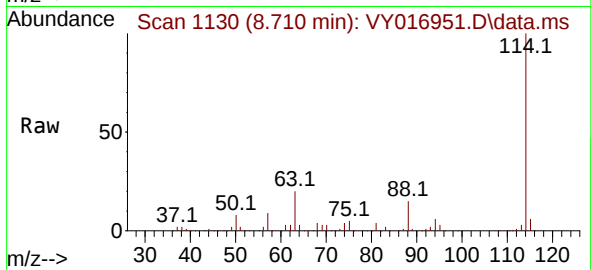
Tgt Ion:114 Resp: 237844

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.688 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016951.D

Acq: 09 Jan 2024 16:11

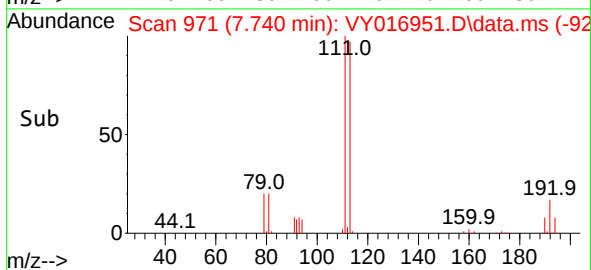
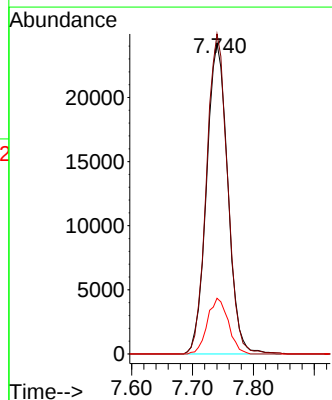
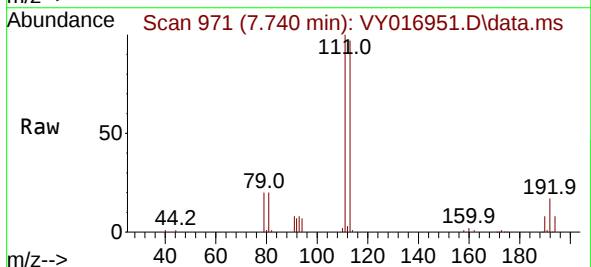
Tgt Ion:113 Resp: 58637

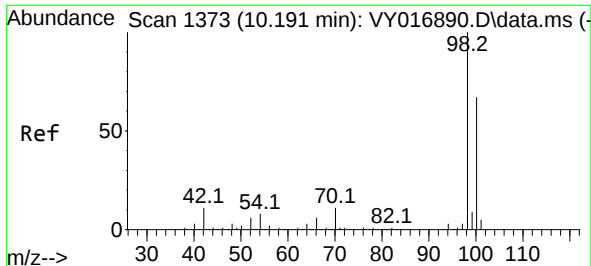
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.7 14.5 21.7

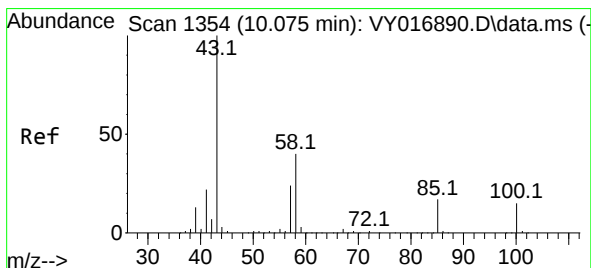
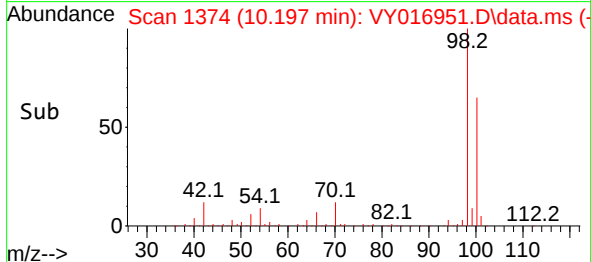
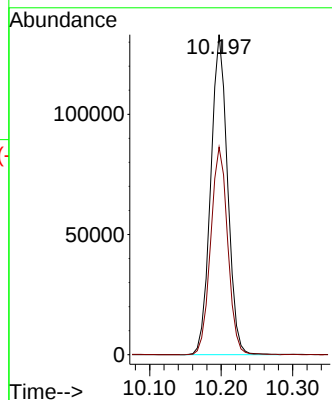
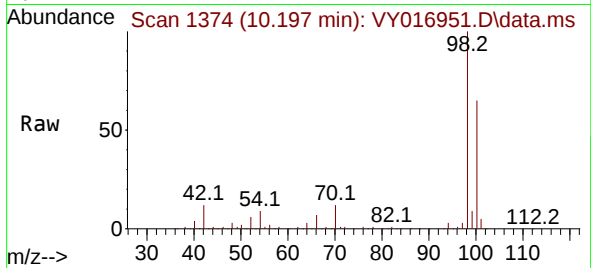




#50
Toluene-d8
Concen: 41.641 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016951.D
Acq: 09 Jan 2024 16:11

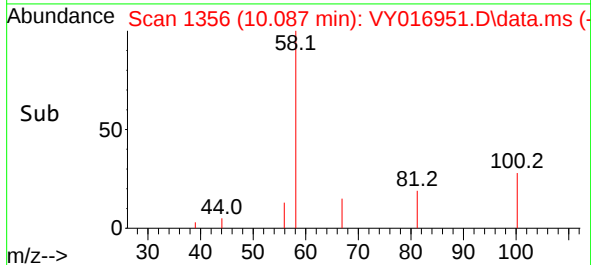
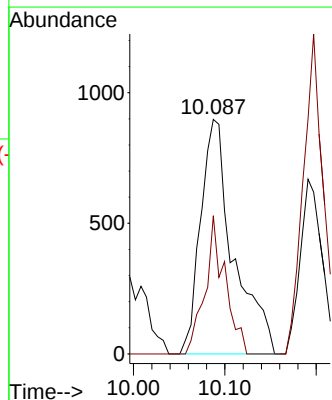
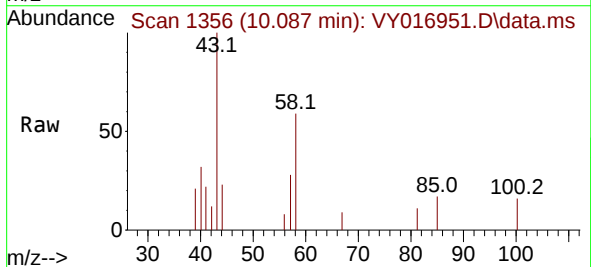
Instrument :
MSVOA_Y
ClientSampleId :
SP-A-GRAB

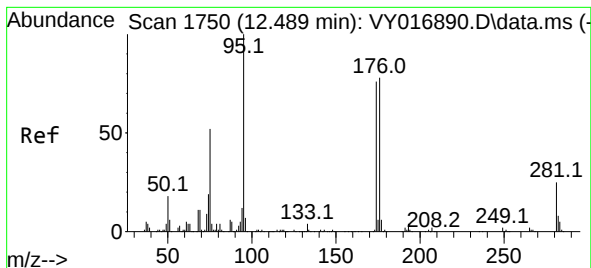
Tgt Ion: 98 Resp: 217328
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 2.189 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.006 min
Lab File: VY016951.D
Acq: 09 Jan 2024 16:11

Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
58 35.8 32.2 48.2

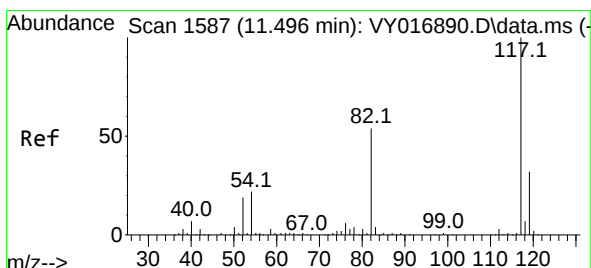
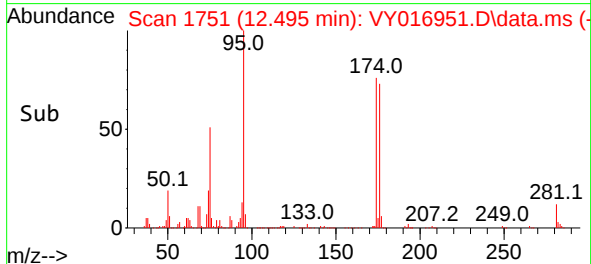
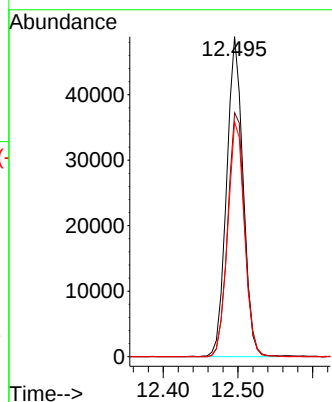
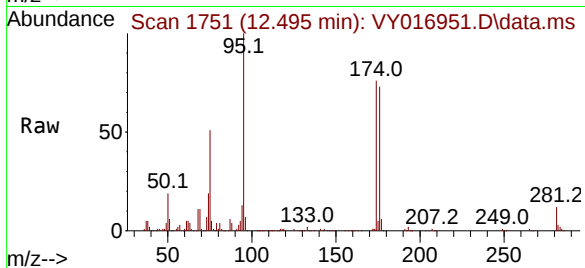




#62
4-Bromofluorobenzene
Concen: 42.630 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016951.D
Acq: 09 Jan 2024 16:11

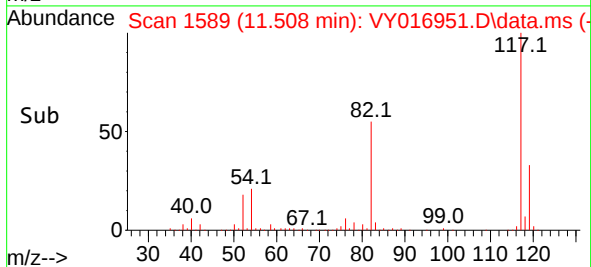
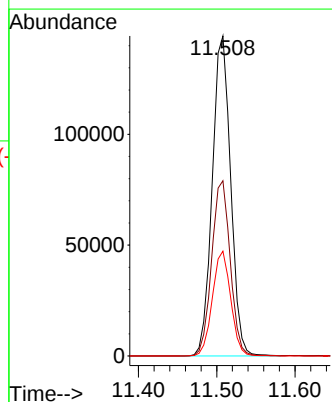
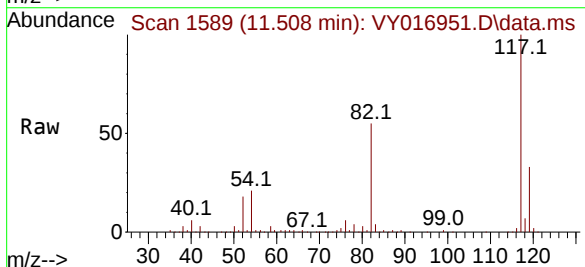
Instrument :
MSVOA_Y
ClientSampleId :
SP-A-GRAB

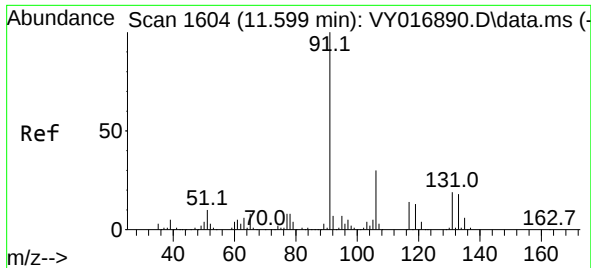
Tgt Ion: 95 Resp: 75065
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 74.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016951.D
Acq: 09 Jan 2024 16:11

Tgt Ion: 117 Resp: 235529
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 32.7 26.5 39.7





#67

Ethyl Benzene

Concen: 2.500 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016951.D

Acq: 09 Jan 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

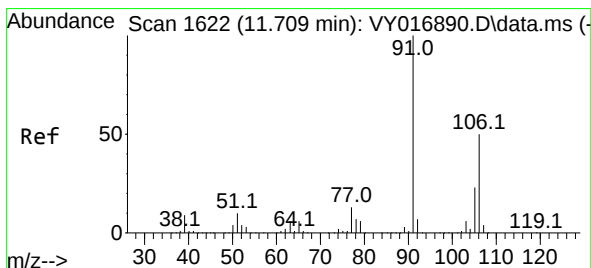
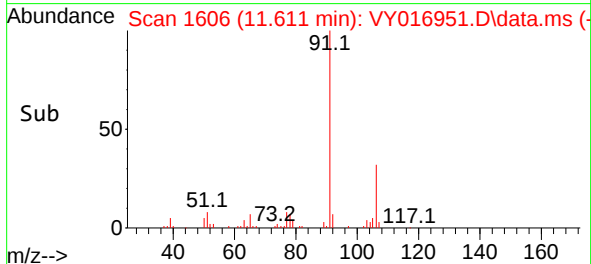
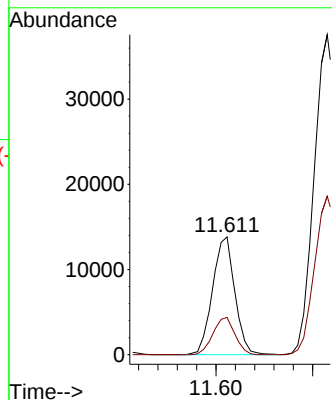
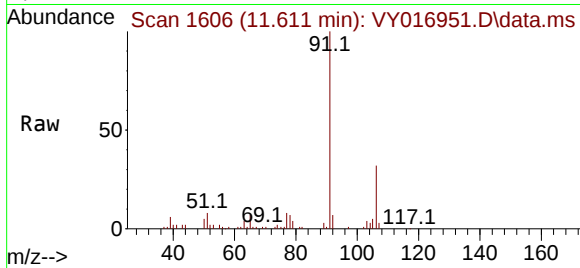
SP-A-GRAB

Tgt Ion: 91 Resp: 22085

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 10.547 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016951.D

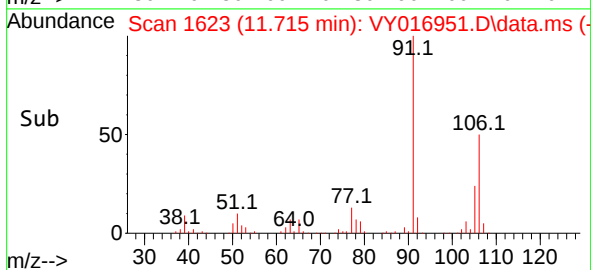
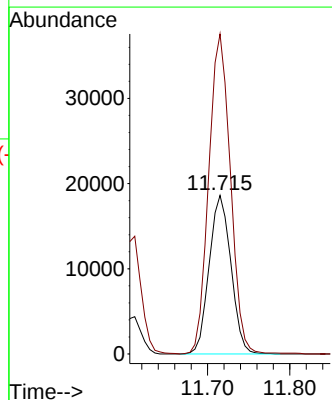
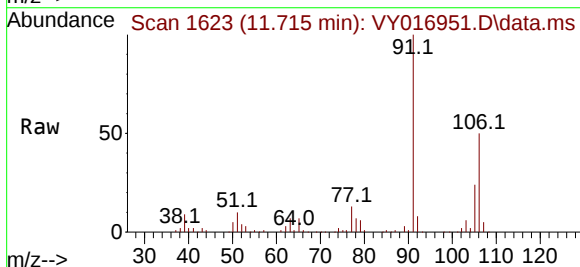
Acq: 09 Jan 2024 16:11

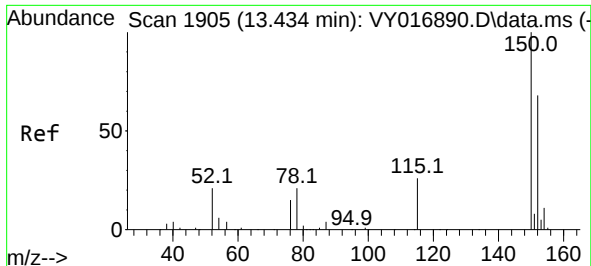
Tgt Ion:106 Resp: 34196

Ion Ratio Lower Upper

106 100

91 201.5 160.7 241.1

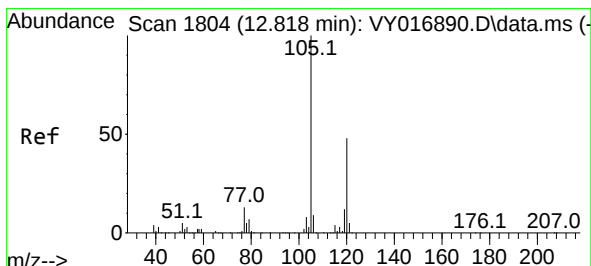
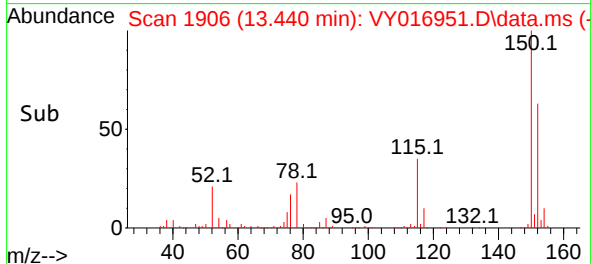
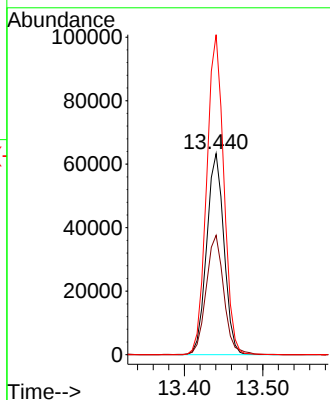
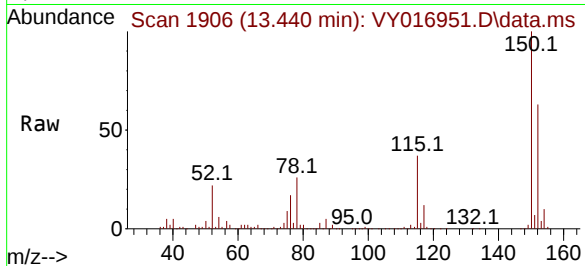




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016951.D
 Acq: 09 Jan 2024 16:11

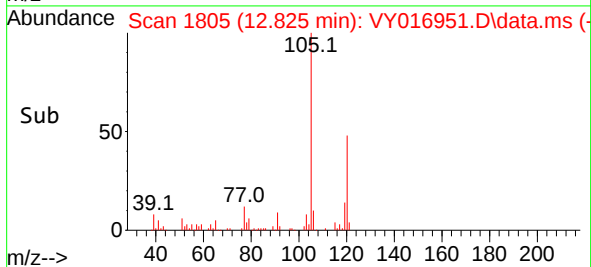
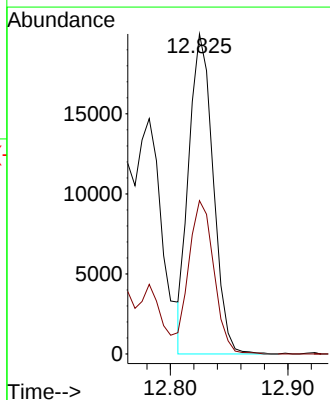
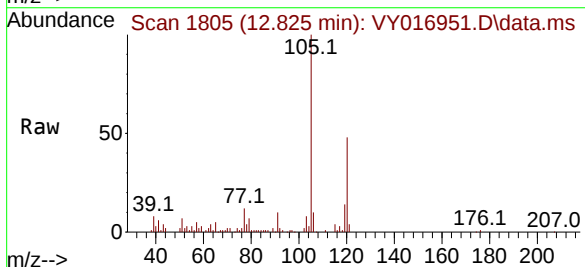
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-A-GRAB

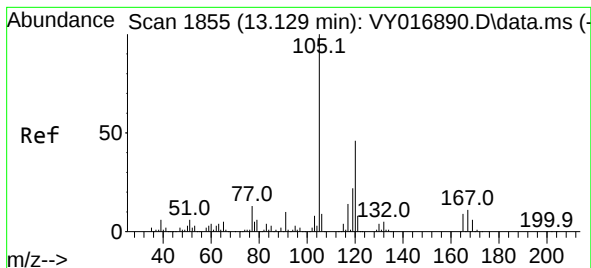
Tgt Ion:152 Resp: 96953
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.0 90.0
 150 157.8 0.0 344.6



#80
 1,3,5-Trimethylbenzene
 Concen: 4.588 ug/l
 RT: 12.825 min Scan# 1805
 Delta R.T. 0.007 min
 Lab File: VY016951.D
 Acq: 09 Jan 2024 16:11

Tgt Ion:105 Resp: 28730
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 14.011 ug/l

RT: 13.136 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY016951.D

Acq: 09 Jan 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

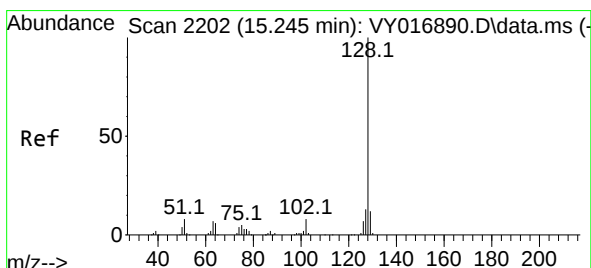
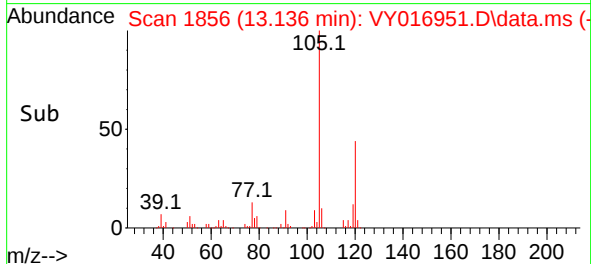
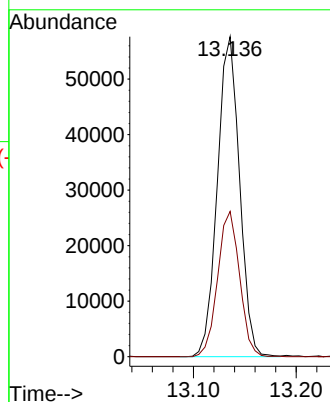
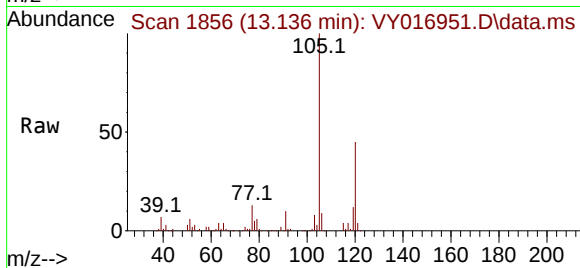
SP-A-GRAB

Tgt Ion:105 Resp: 86399

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.3



#95

Naphthalene

Concen: 4.111 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016951.D

Acq: 09 Jan 2024 16:11

Tgt Ion:128 Resp: 8691

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 12.3 8.6 12.8

