

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014721.D
 Acq On : 20 Jul 2023 15:17
 Operator : SY/MD
 Sample : 03664-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1023

Quant Time: Jul 21 01:30:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

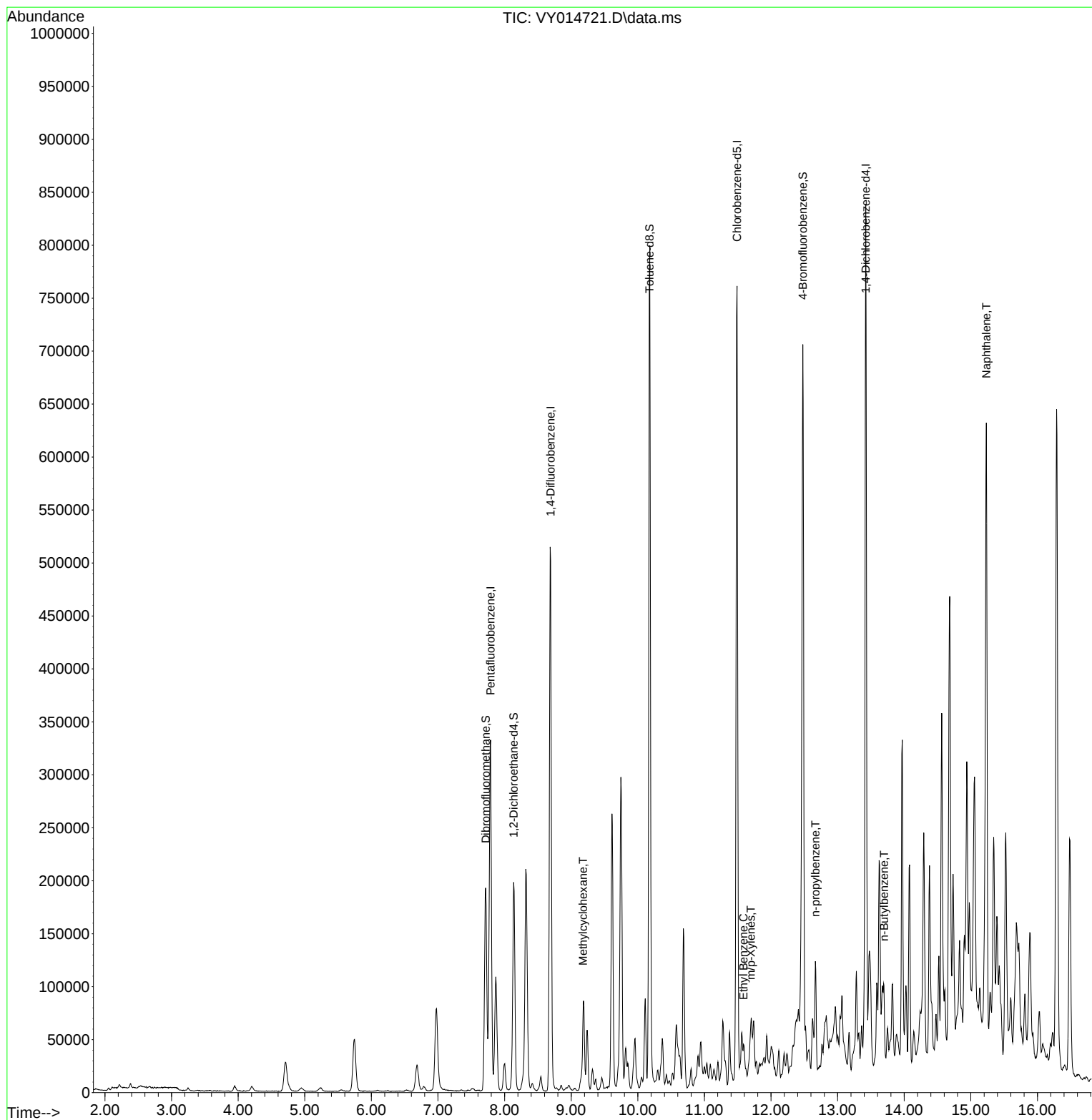
Internal Standards						
1) Pentafluorobenzene	7.789	168	252330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	427741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	400186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153584	53.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.820%	
35) Dibromofluoromethane	7.716	113	136340	50.072	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.140%	
50) Toluene-d8	10.179	98	511362	50.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.477	95	197579	51.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.660%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.179	83	9394	1.771	ug/l #	71
67) Ethyl Benzene	11.587	91	15929	1.035	ug/l	100
68) m/p-Xylenes	11.697	106	13069	2.224	ug/l	99
78) n-propylbenzene	12.666	91	71989	3.890	ug/l	99
89) n-Butylbenzene	13.696	91	40840	3.081	ug/l #	84
95) Naphthalene	15.233	128	425233	46.002	ug/l	99

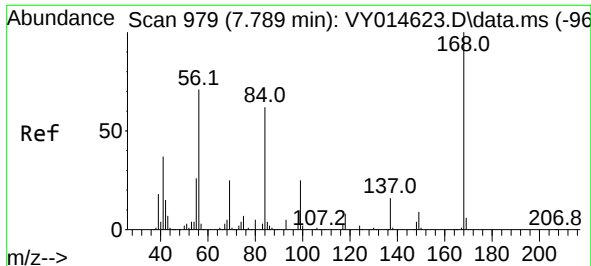
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

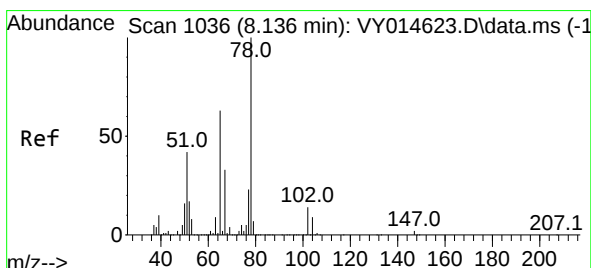
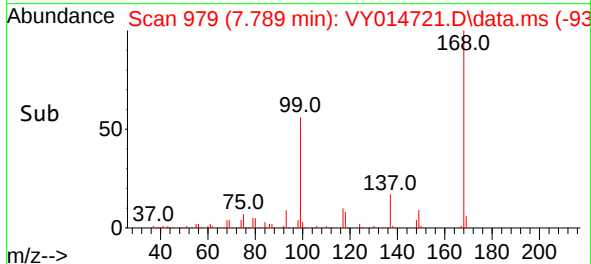
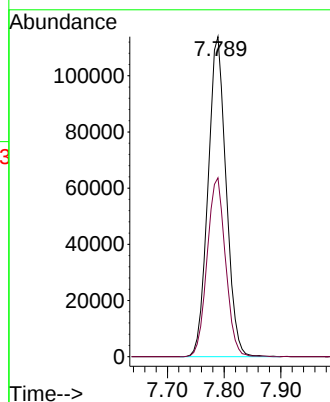
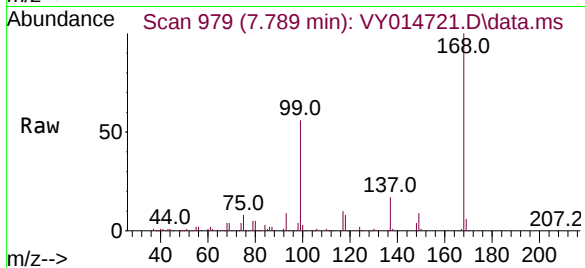




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

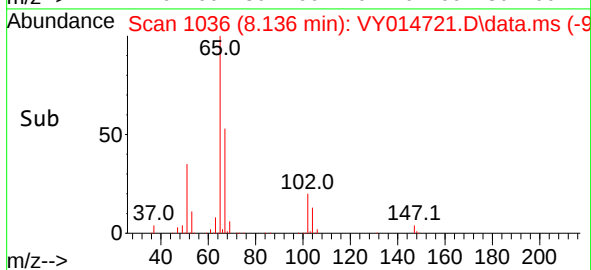
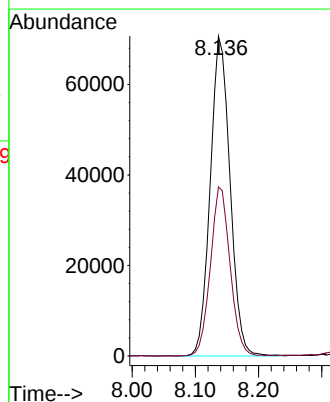
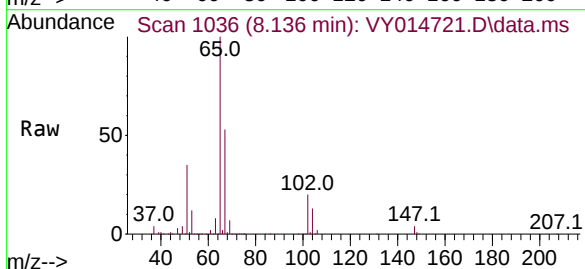
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1023

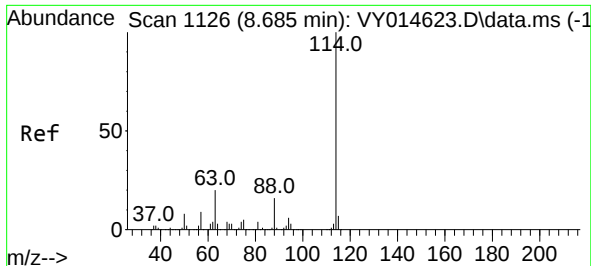
Tgt Ion:168 Resp: 252330
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.413 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

Tgt Ion: 65 Resp: 153584
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

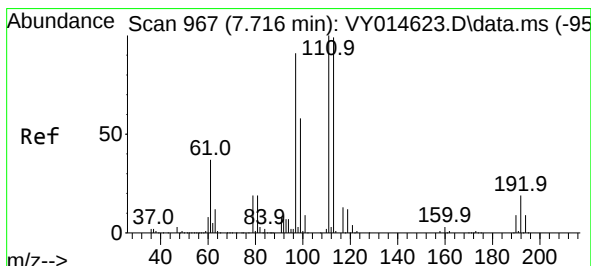
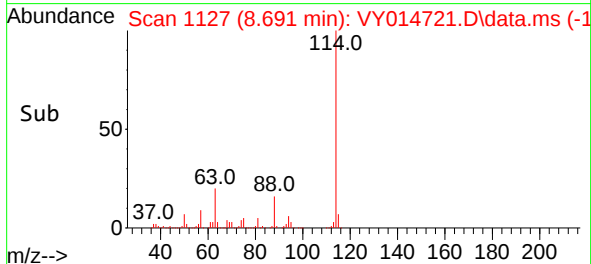
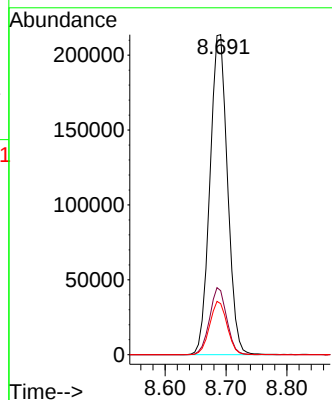
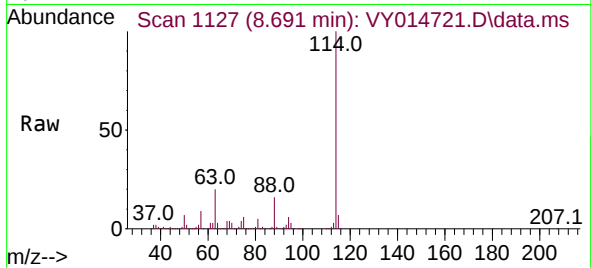




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

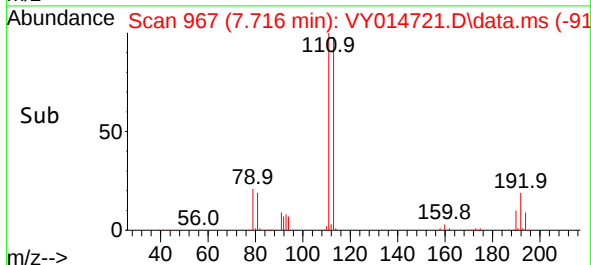
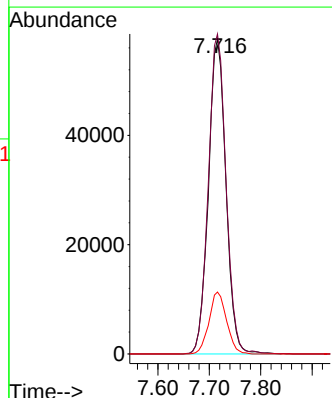
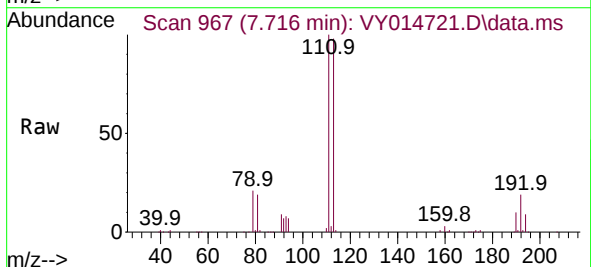
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1023

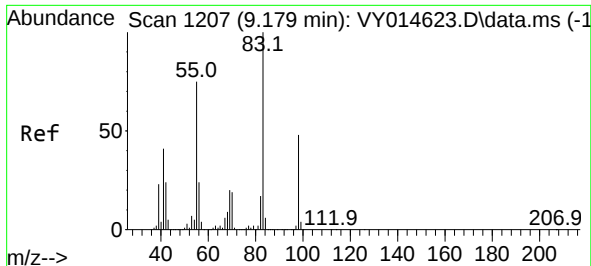
Tgt Ion:	114	Resp:	427741
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.4
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.072 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

Tgt Ion:	113	Resp:	136340
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.3	121.9
192	19.8	16.9	25.3

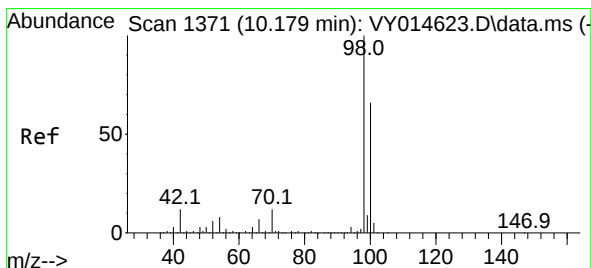
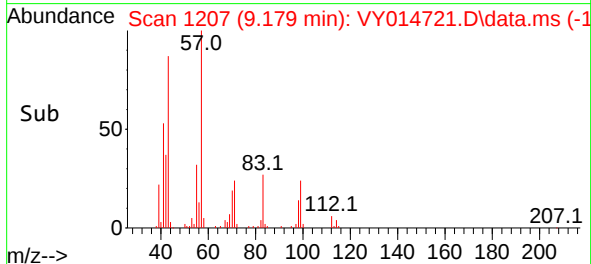
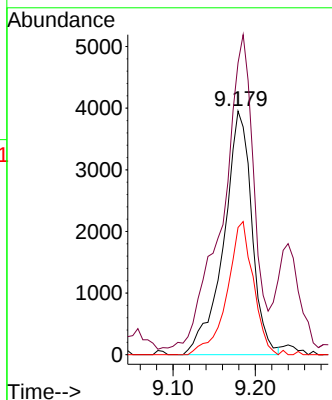
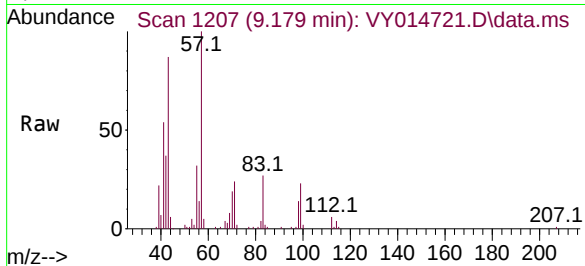




#39
Methylcyclohexane
Concen: 1.771 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

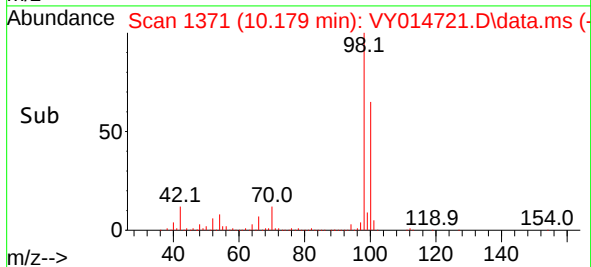
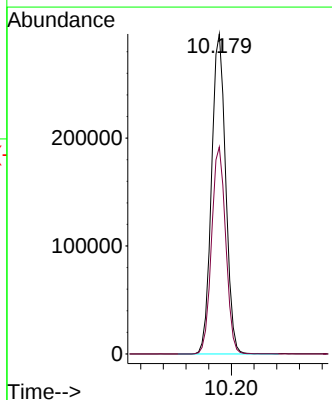
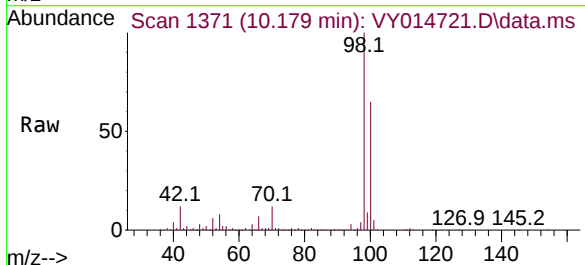
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1023

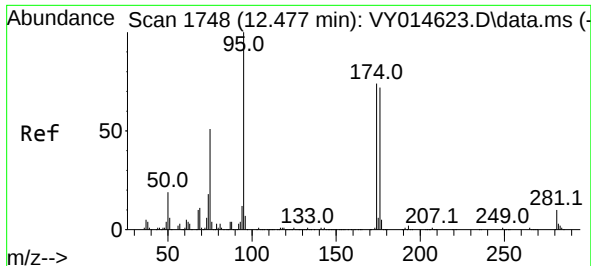
Tgt Ion: 83 Resp: 9394
Ion Ratio Lower Upper
83 100
55 114.8 63.0 94.4#
98 52.2 37.4 56.2



#50
Toluene-d8
Concen: 50.939 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

Tgt Ion: 98 Resp: 511362
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

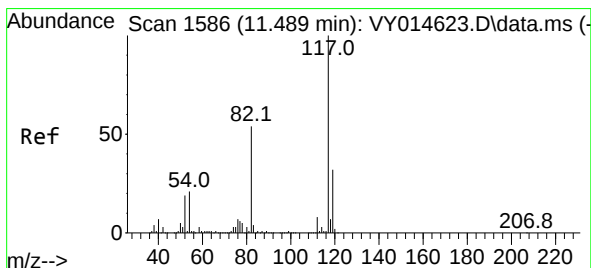
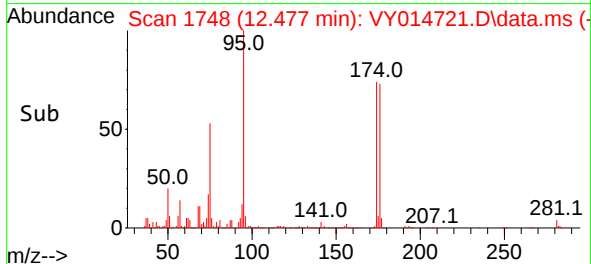
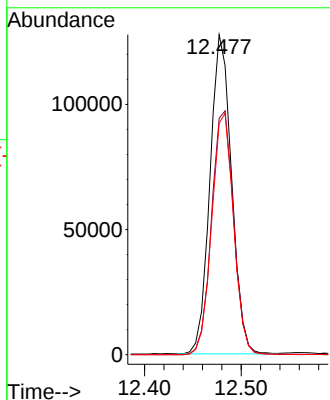
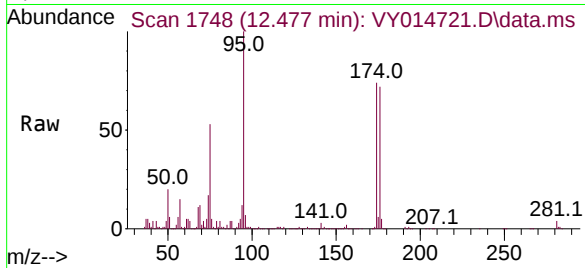




#62
4-Bromofluorobenzene
Concen: 51.329 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

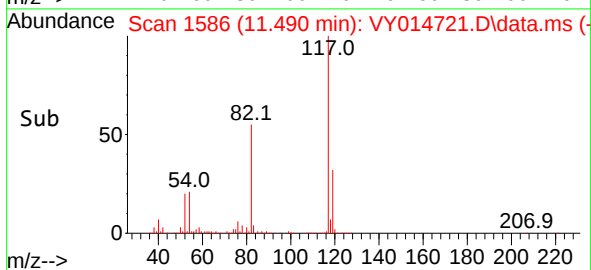
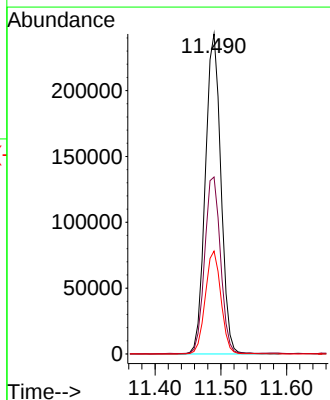
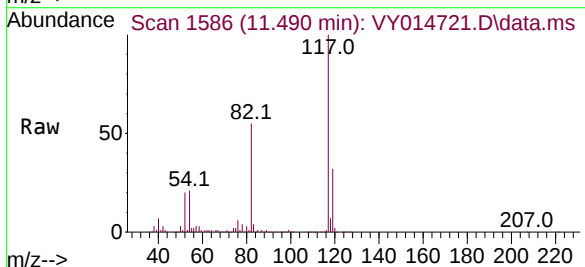
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1023

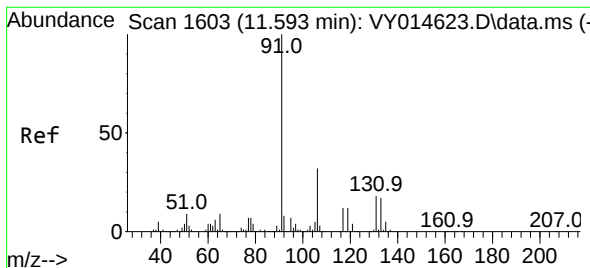
Tgt Ion: 95 Resp: 197579
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.2
176 76.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

Tgt Ion: 117 Resp: 400186
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.1 26.3 39.5





#67

Ethyl Benzene

Concen: 1.035 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014721.D

Acq: 20 Jul 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

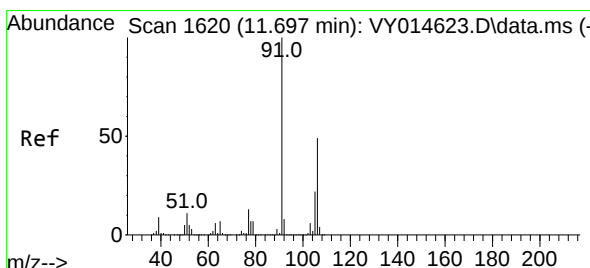
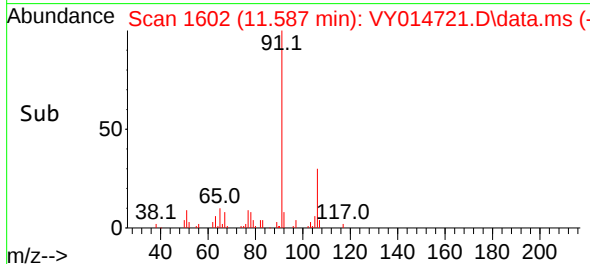
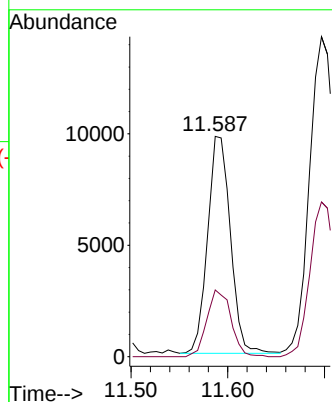
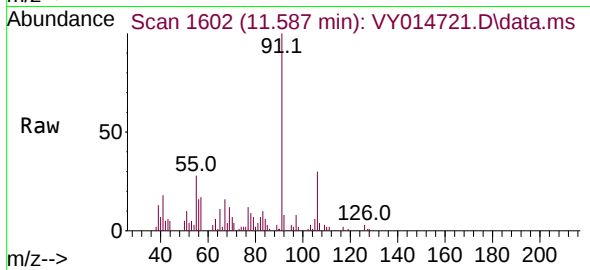
AUD-1023

Tgt Ion: 91 Resp: 15929

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 2.224 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014721.D

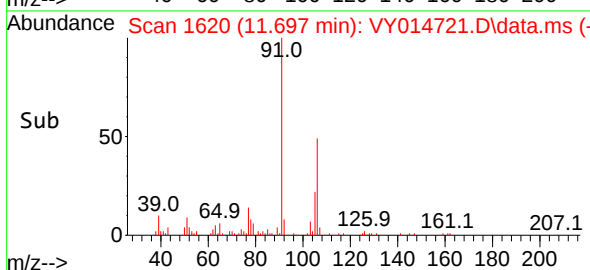
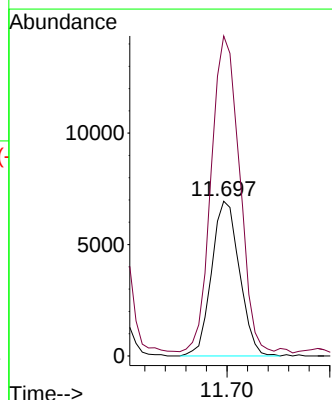
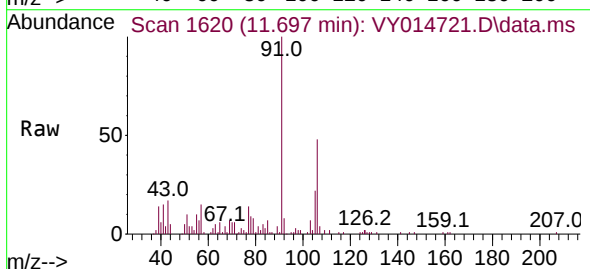
Acq: 20 Jul 2023 15:17

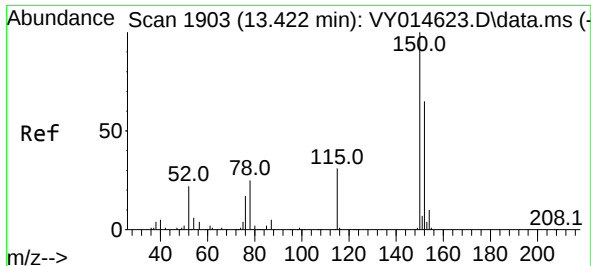
Tgt Ion:106 Resp: 13069

Ion Ratio Lower Upper

106 100

91 206.0 166.1 249.1

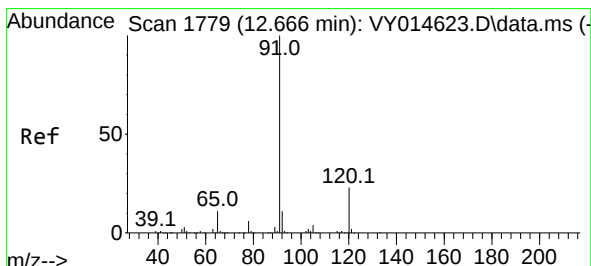
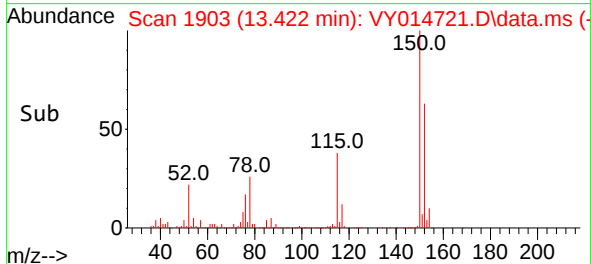
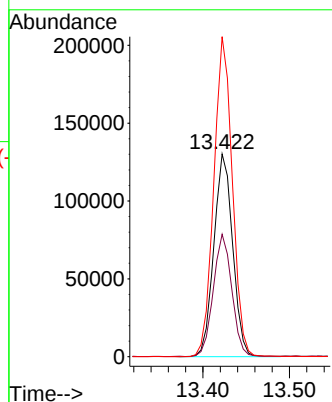
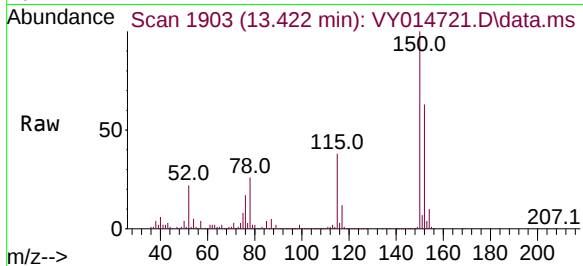




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

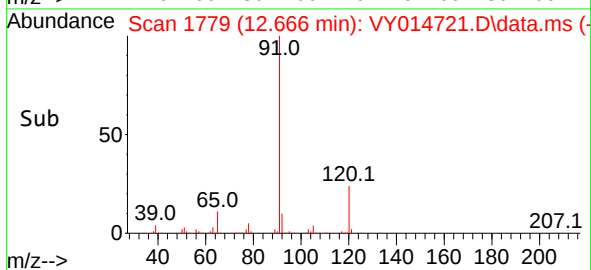
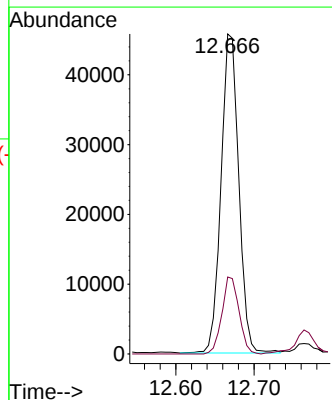
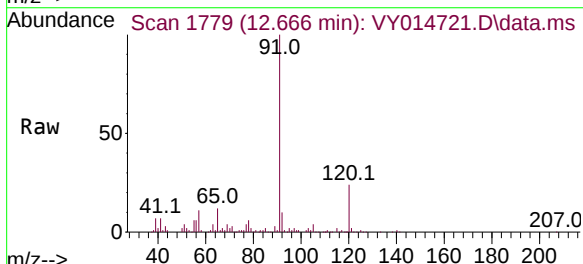
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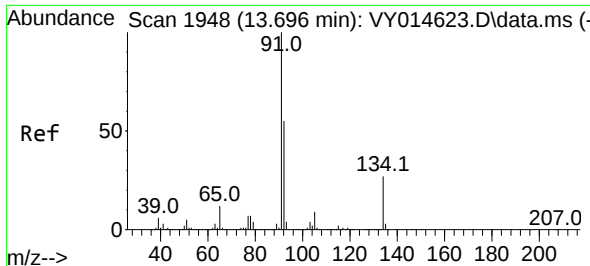
Tgt Ion:152 Resp: 196115
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 155.8 0.0 348.8



#78
n-propylbenzene
Concen: 3.890 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

Tgt Ion: 91 Resp: 71989
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

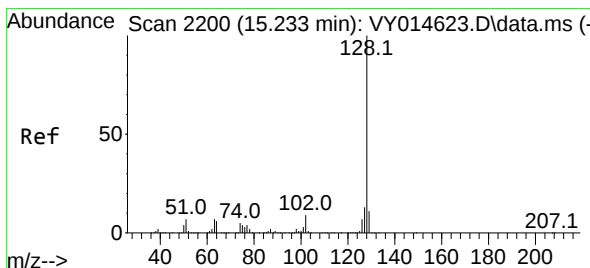
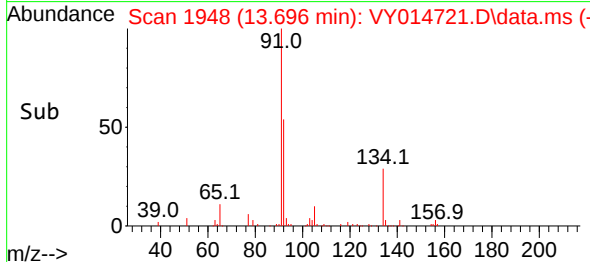
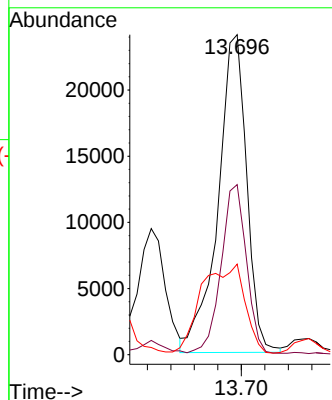
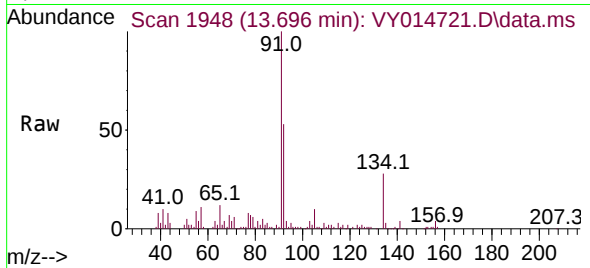




#89
n-Butylbenzene
Concen: 3.081 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1023

Tgt Ion: 91 Resp: 40840
Ion Ratio Lower Upper
91 100
92 46.8 25.4 76.0
134 43.2 12.6 37.6#



#95
Naphthalene
Concen: 46.002 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014721.D
Acq: 20 Jul 2023 15:17

Tgt Ion:128 Resp: 425233
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.0 8.6 13.0

