

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013734.D
 Acq On : 15 May 2023 14:06
 Operator : KP/MD
 Sample : 02747-03RE
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5-7-20230510RE

Quant Time: May 16 01:30:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

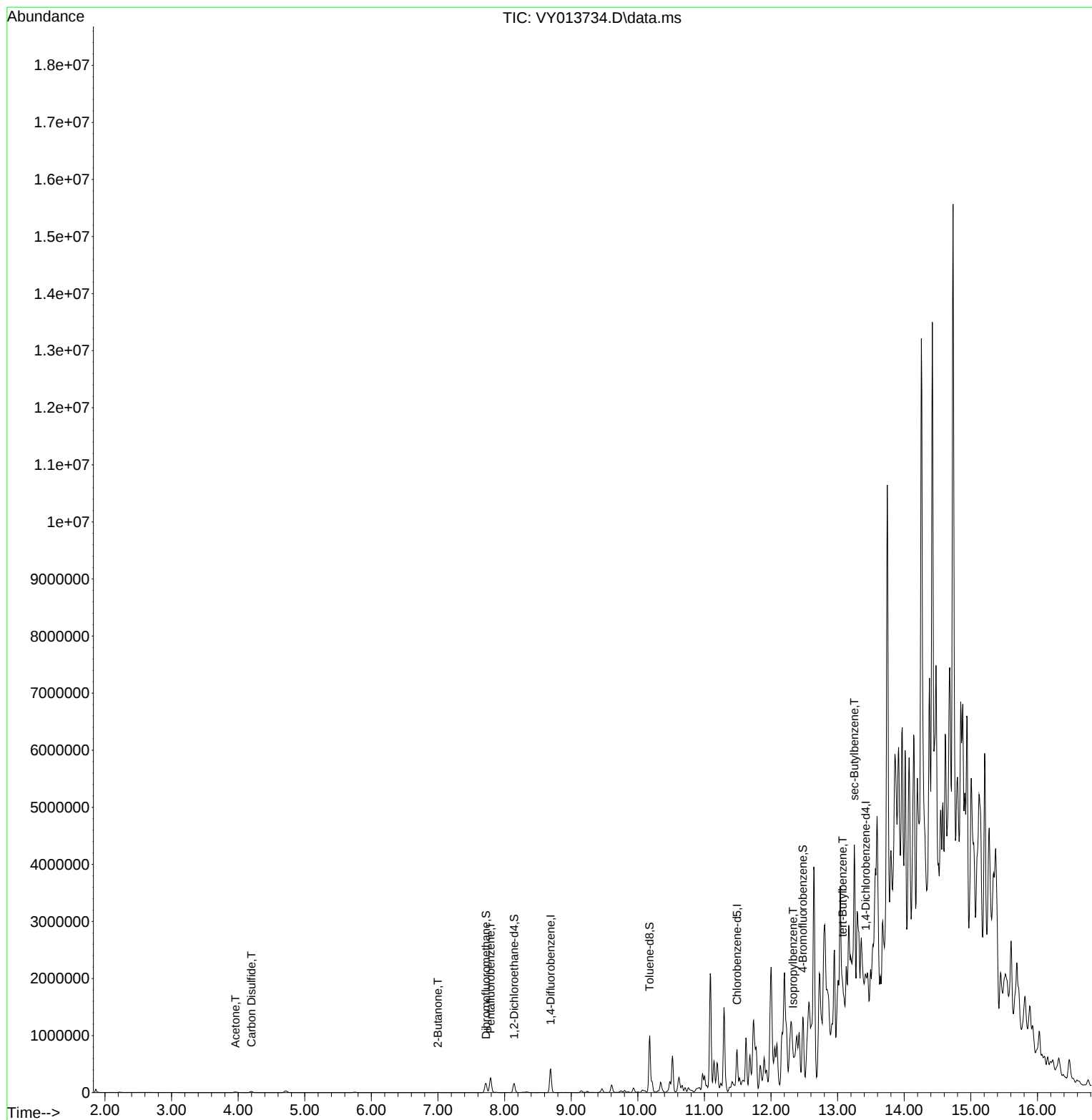
Internal Standards						
1) Pentafluorobenzene	7.789	168	194658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	336531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127304	59.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.320%	
35) Dibromofluoromethane	7.722	113	115137	54.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.800%	
50) Toluene-d8	10.179	98	445495	59.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.320%	
62) 4-Bromofluorobenzene	12.477	95	220333	86.798	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 173.600%#	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	25097	29.865	ug/l	92
17) Carbon Disulfide	4.198	76	39826	6.060	ug/l	96
25) 2-Butanone	6.996	43	6439	6.042	ug/l	96
73) Isopropylbenzene	12.331	105	18734	1.450	ug/l	94
83) tert-Butylbenzene	13.074	119	92305	10.104	ug/l	74
85) sec-Butylbenzene	13.251	105	1298773	94.730	ug/l	92

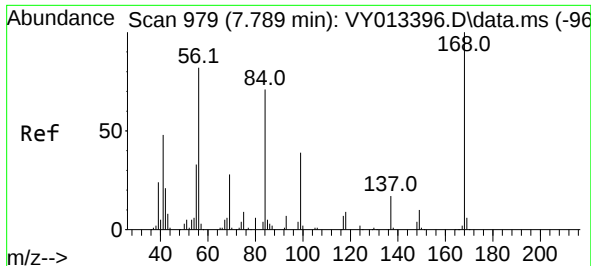
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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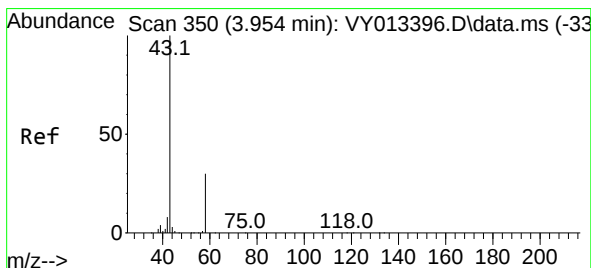
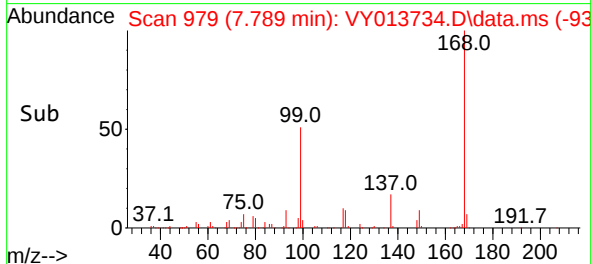
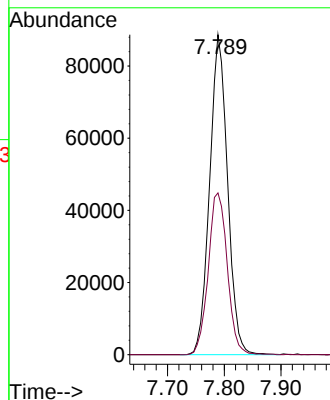
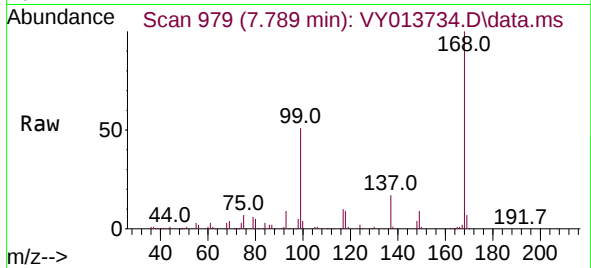




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

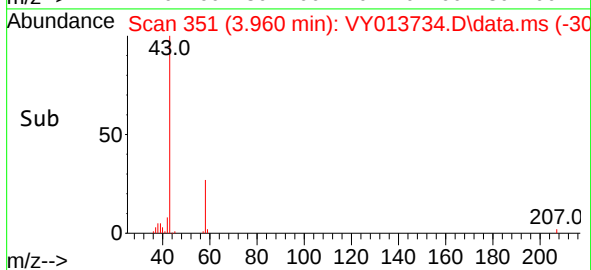
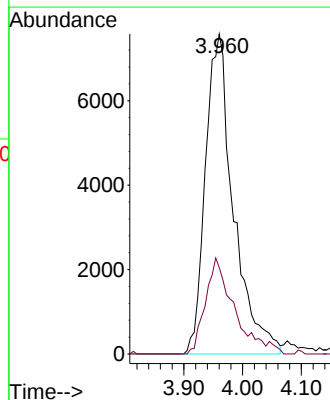
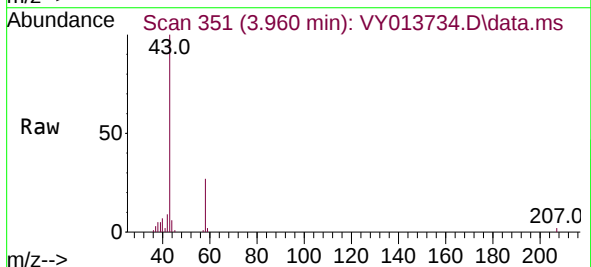
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5-7-20230510RE

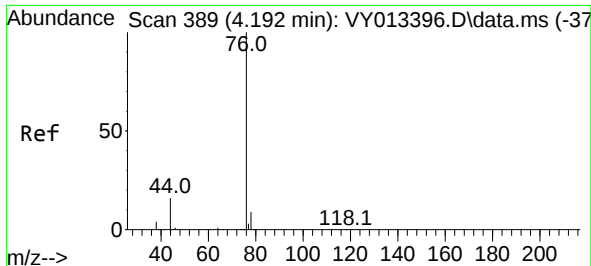
Tgt Ion:168 Resp: 194658
Ion Ratio Lower Upper
168 100
99 50.6 41.8 62.6



#16
Acetone
Concen: 29.865 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

Tgt Ion: 43 Resp: 25097
Ion Ratio Lower Upper
43 100
58 27.0 25.4 38.0

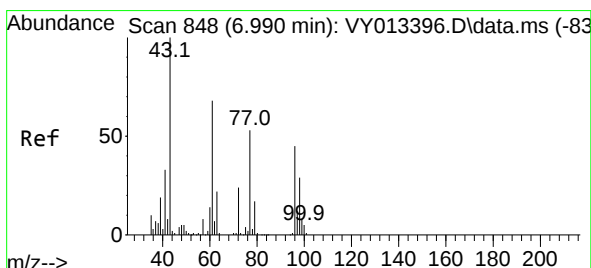
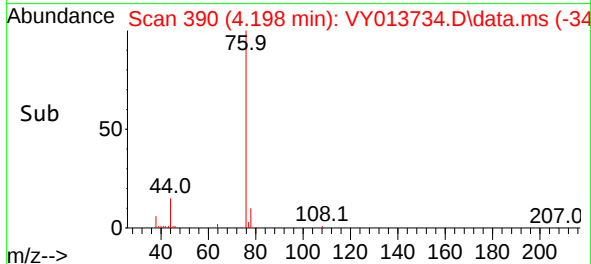
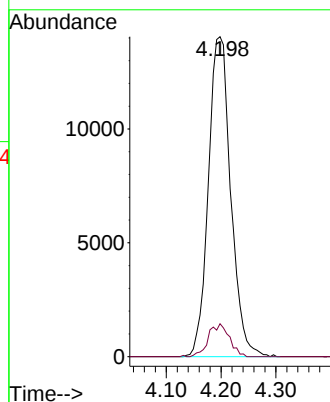
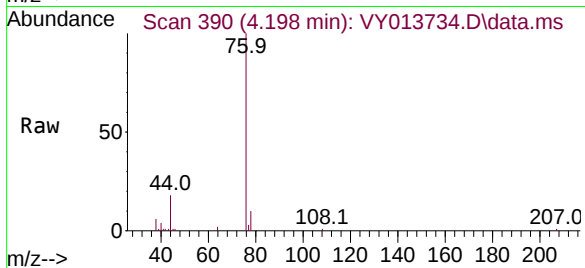




#17
Carbon Disulfide
Concen: 6.060 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

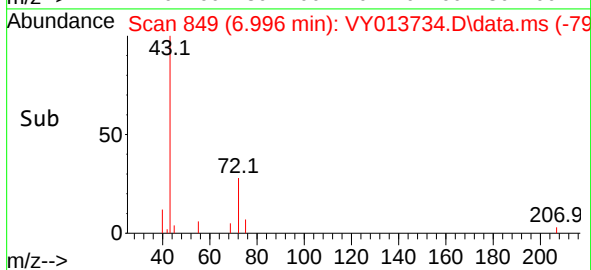
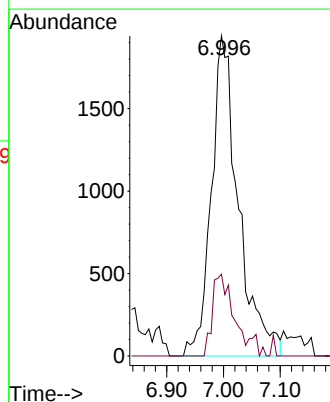
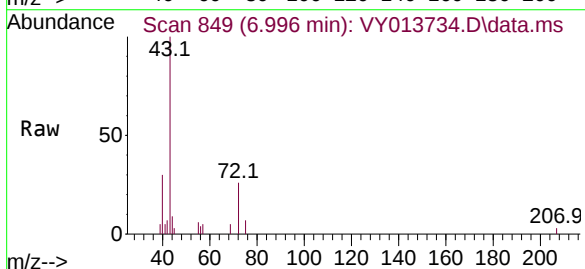
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5-7-20230510RE

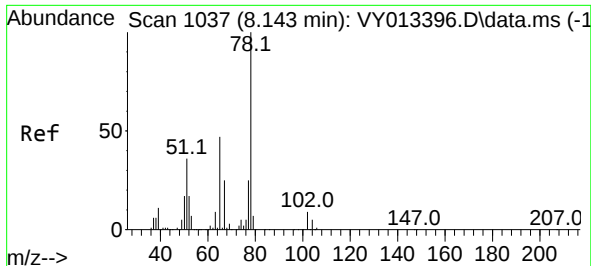
Tgt Ion: 76 Resp: 39826
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#25
2-Butanone
Concen: 6.042 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

Tgt Ion: 43 Resp: 6439
Ion Ratio Lower Upper
43 100
72 25.6 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 59.658 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013734.D

Acq: 15 May 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

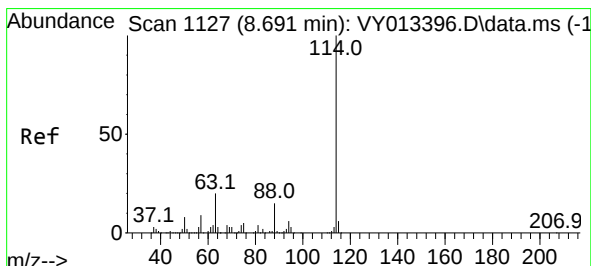
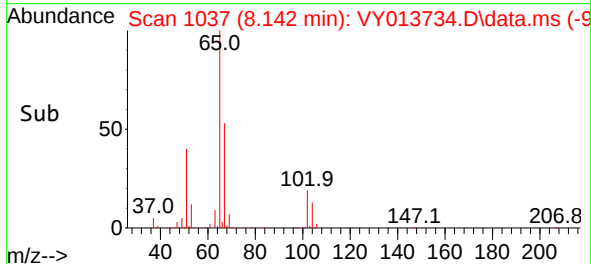
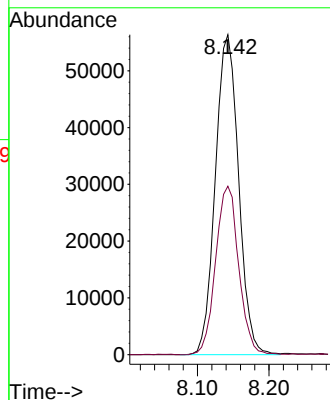
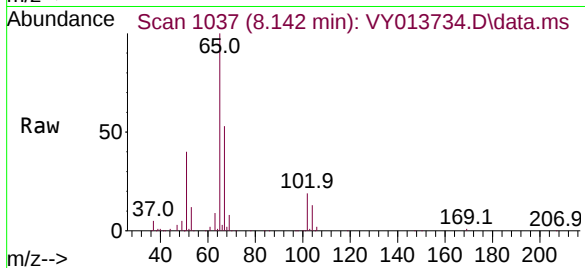
SB-03-5-7-20230510RE

Tgt Ion: 65 Resp: 127304

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013734.D

Acq: 15 May 2023 14:06

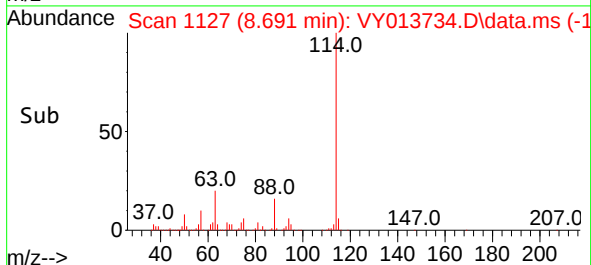
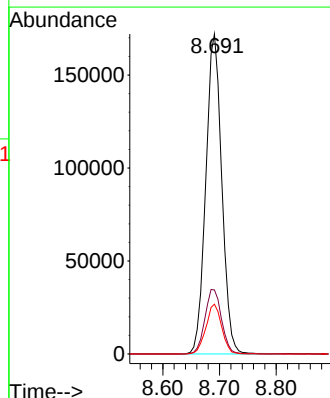
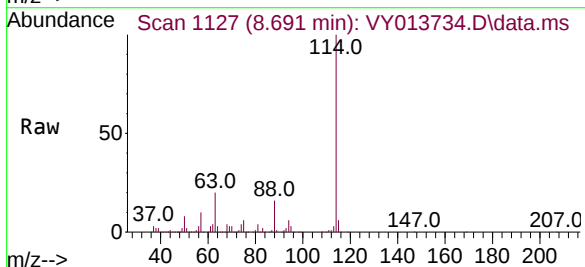
Tgt Ion: 114 Resp: 336531

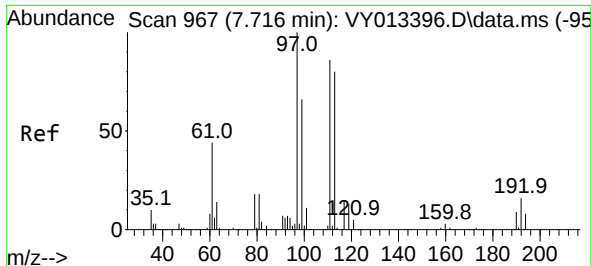
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 15.6 0.0 28.8

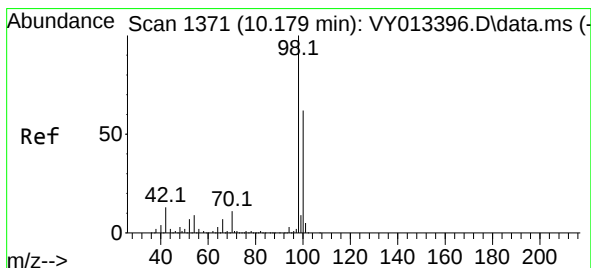
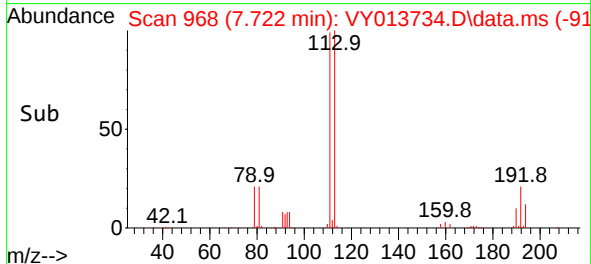
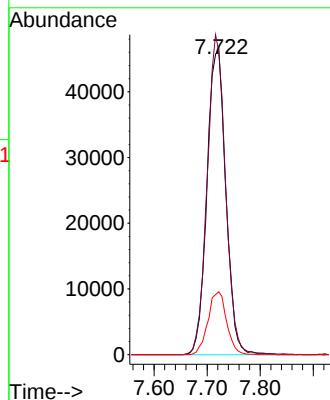
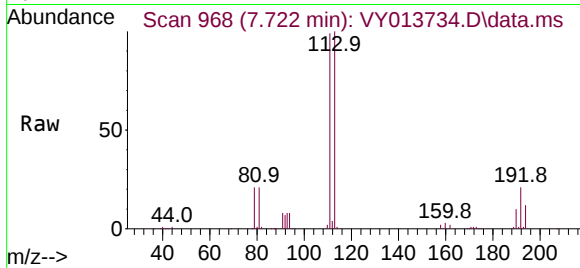




#35
Dibromofluoromethane
Concen: 54.396 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

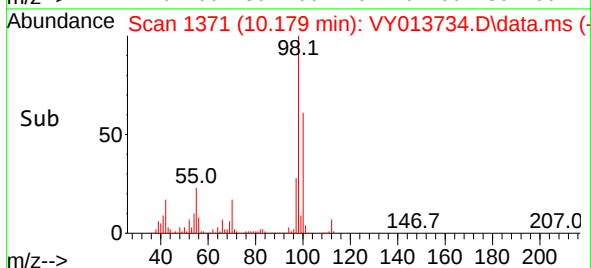
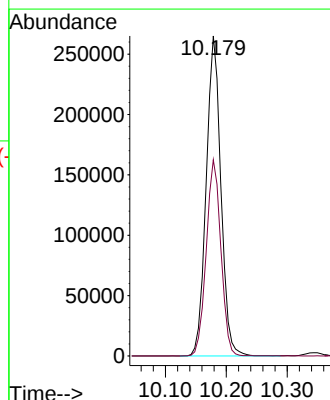
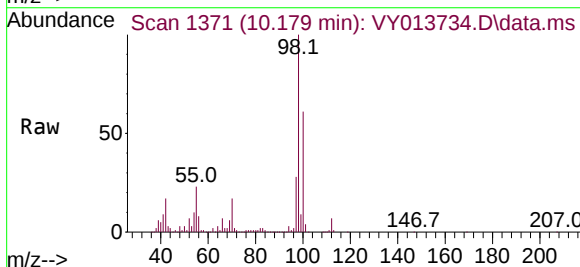
Instrument :
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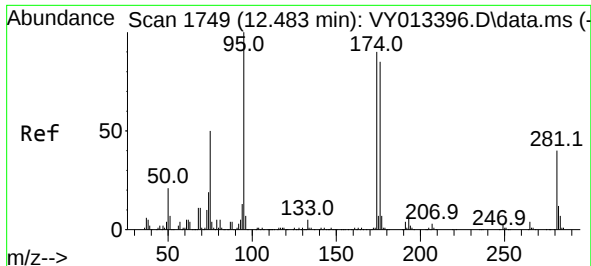
Tgt Ion:113 Resp: 115137
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.3 16.7 25.1



#50
Toluene-d8
Concen: 59.165 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

Tgt Ion: 98 Resp: 445495
Ion Ratio Lower Upper
98 100
100 61.1 50.5 75.7

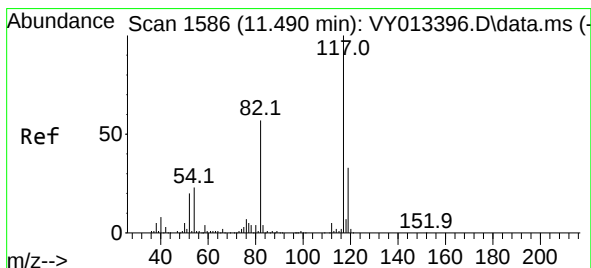
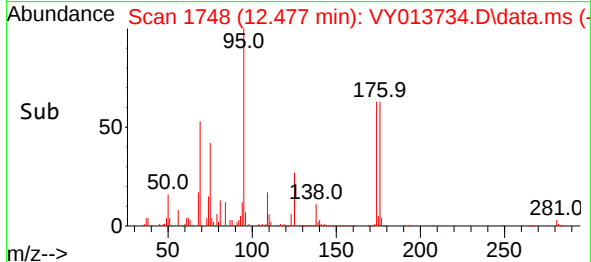
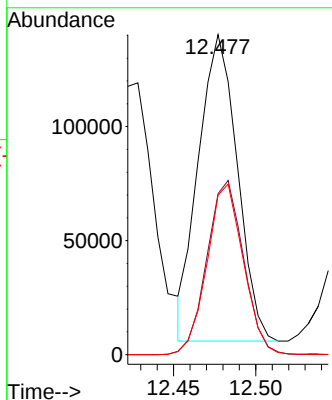
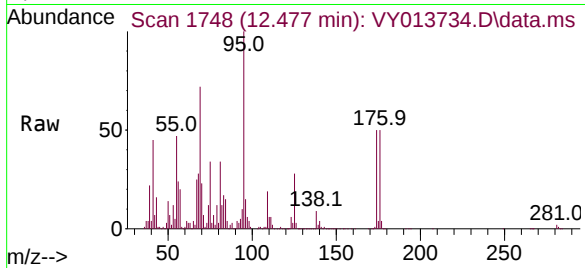




#62
4-Bromofluorobenzene
Concen: 86.798 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

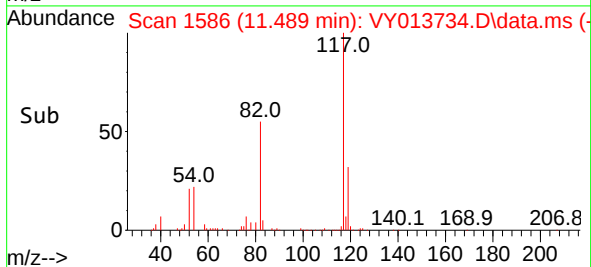
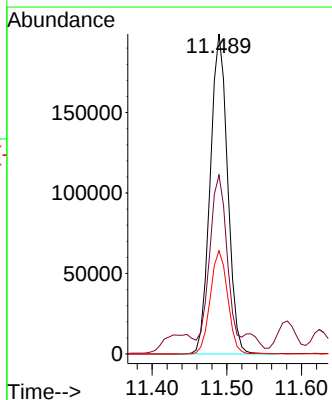
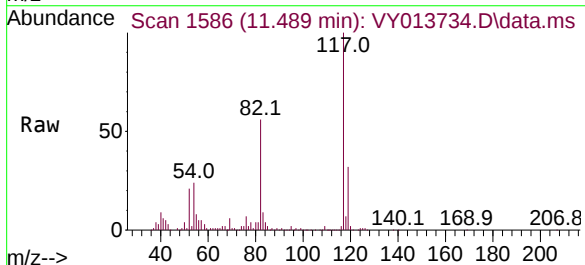
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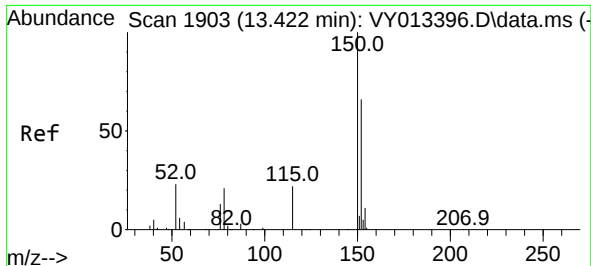
Tgt Ion: 95 Resp: 220333
Ion Ratio Lower Upper
95 100
174 53.9 0.0 182.0
176 52.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

Tgt Ion: 117 Resp: 322309
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.6
119 32.3 25.5 38.3

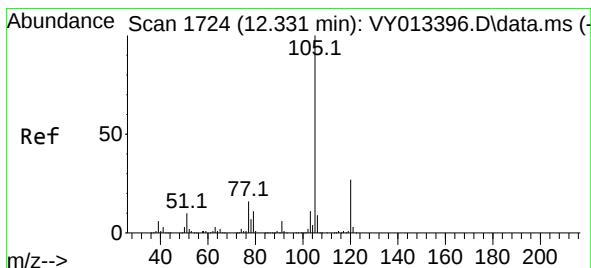
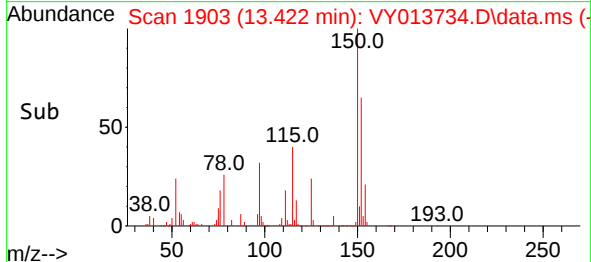
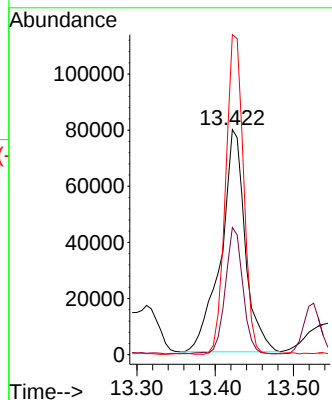
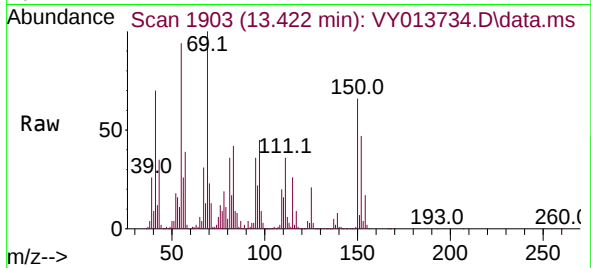




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

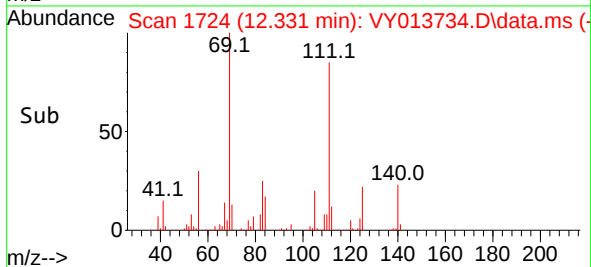
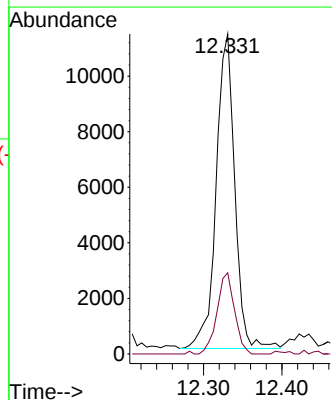
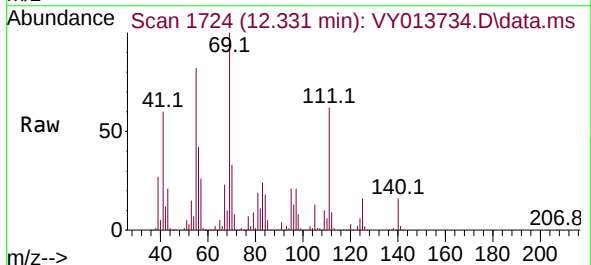
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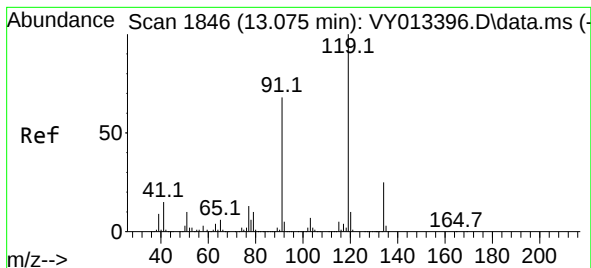
Tgt Ion:152 Resp: 170802
Ion Ratio Lower Upper
152 100
115 40.9 28.1 84.2
150 105.9 0.0 352.0



#73
Isopropylbenzene
Concen: 1.450 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013734.D
Acq: 15 May 2023 14:06

Tgt Ion:105 Resp: 18734
Ion Ratio Lower Upper
105 100
120 24.1 13.7 41.0





#83

tert-Butylbenzene

Concen: 10.104 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013734.D

Acq: 15 May 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5-7-20230510RE

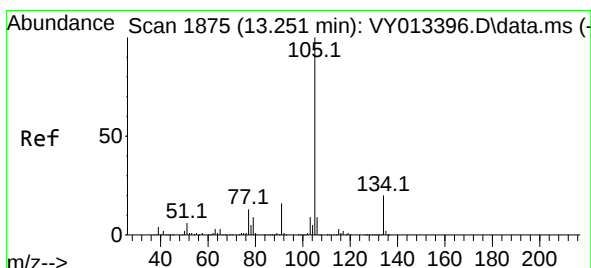
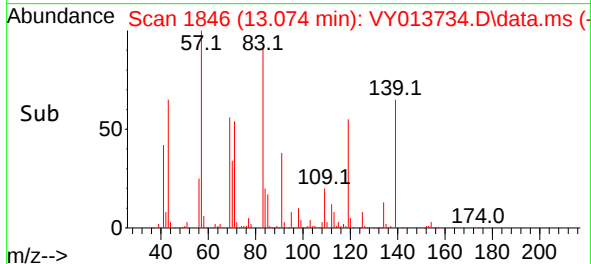
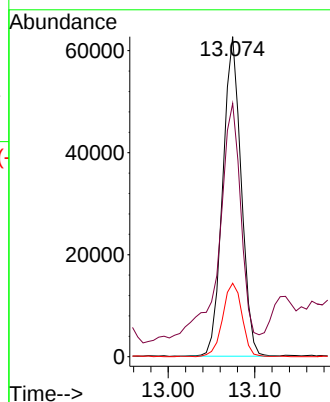
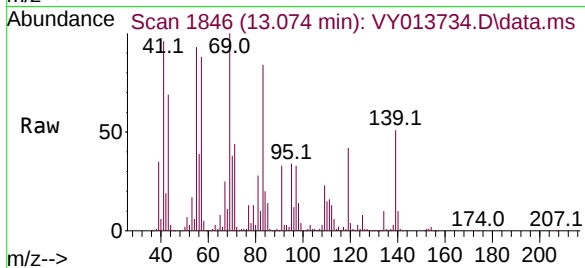
Tgt Ion:119 Resp: 92305

Ion Ratio Lower Upper

119 100

91 92.0 32.2 96.6

134 24.2 13.0 38.9



#85

sec-Butylbenzene

Concen: 94.730 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013734.D

Acq: 15 May 2023 14:06

Tgt Ion:105 Resp: 1298773

Ion Ratio Lower Upper

105 100

134 24.4 10.3 30.9

