

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013473.D
 Acq On : 26 Apr 2023 15:06
 Operator : KP/MD
 Sample : 02401-08
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230319-32-1

Quant Time: Apr 27 01:33:40 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)

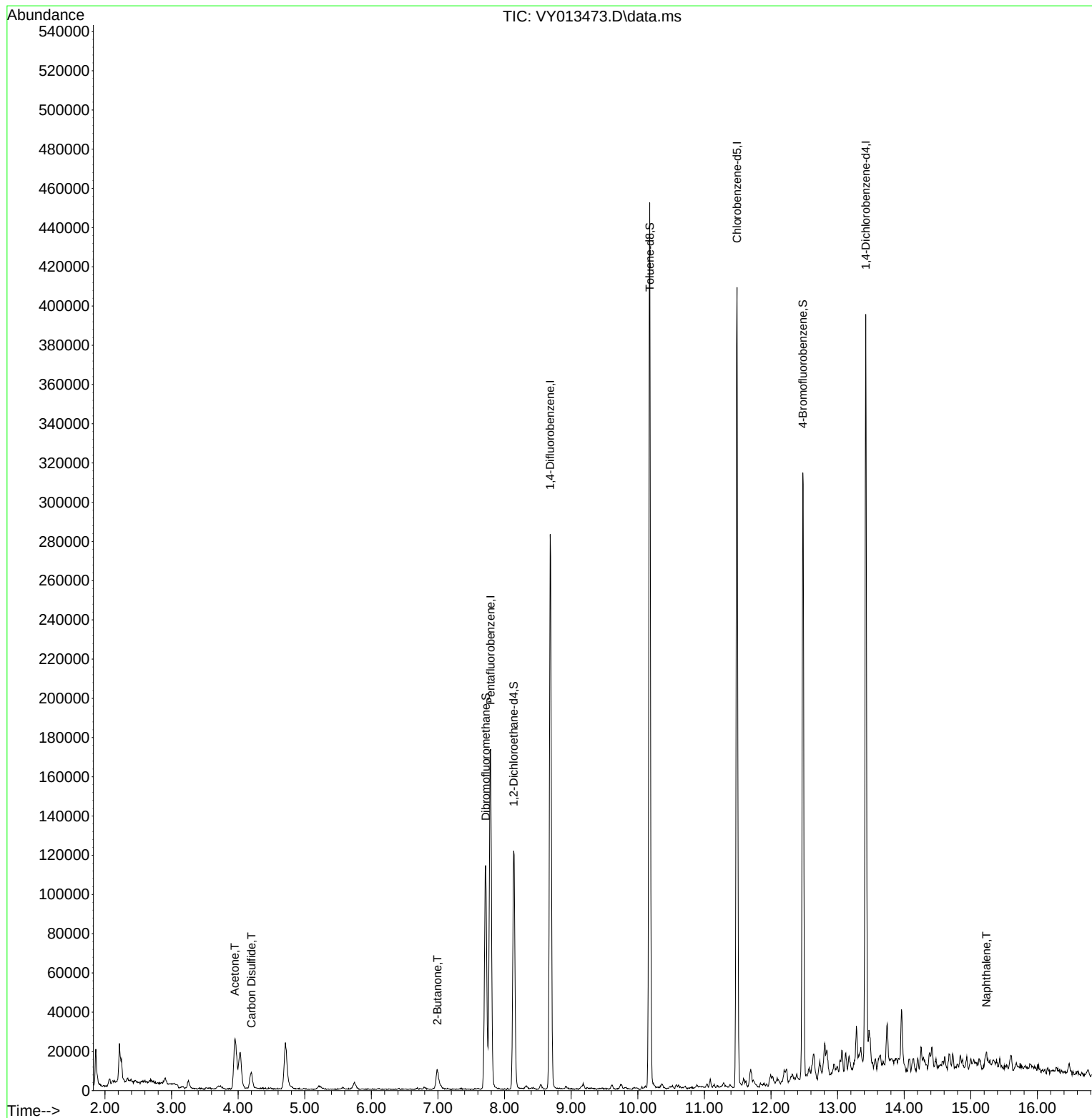
Internal Standards						
1) Pentafluorobenzene	7.789	168	128371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96253	68.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.800%
35) Dibromofluoromethane	7.716	113	80786	57.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.840%
50) Toluene-d8	10.179	98	276698	55.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.540%
62) 4-Bromofluorobenzene	12.477	95	89720	53.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.280%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	59420	107.221	ug/l	91
17) Carbon Disulfide	4.198	76	16397	3.784	ug/l	99
25) 2-Butanone	6.990	43	19210	27.333	ug/l	90
95) Naphthalene	15.233	128	5205	1.458	ug/l #	92

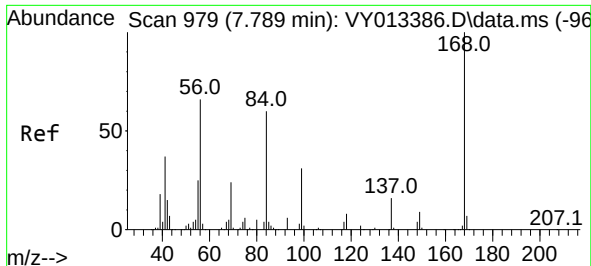
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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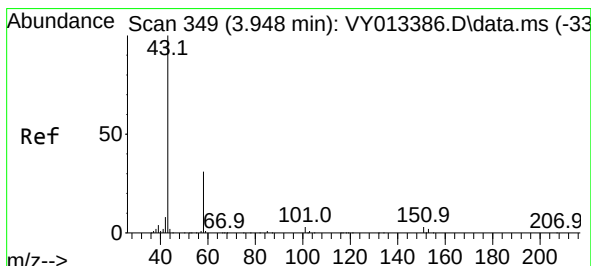
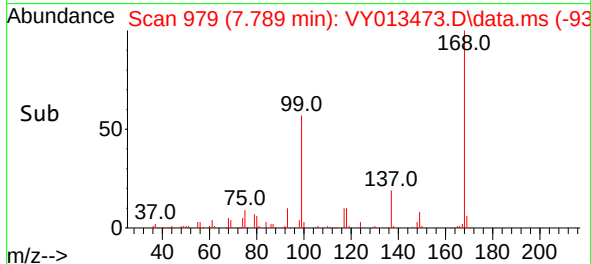
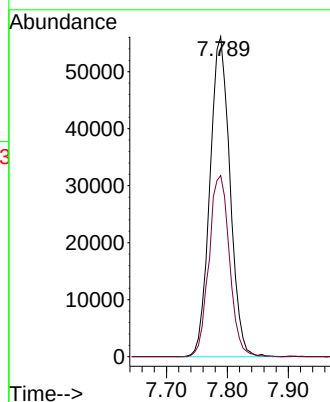
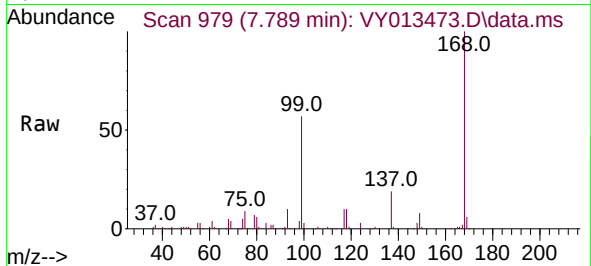




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

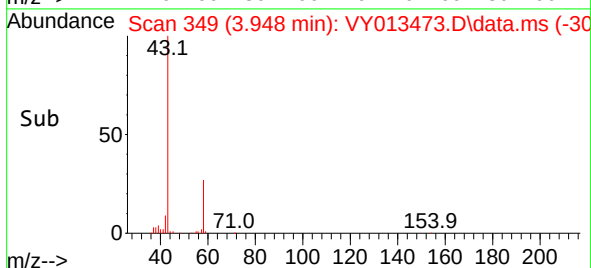
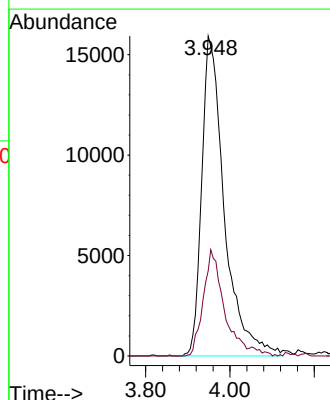
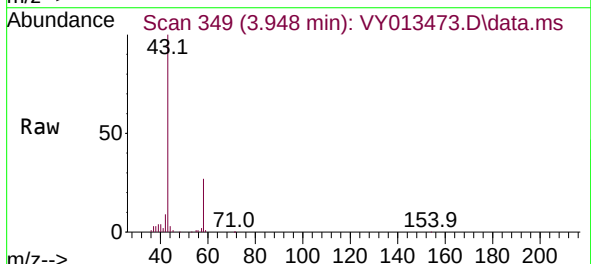
Instrument :
MSVOA_Y
ClientSampleId :
20230319-32-1

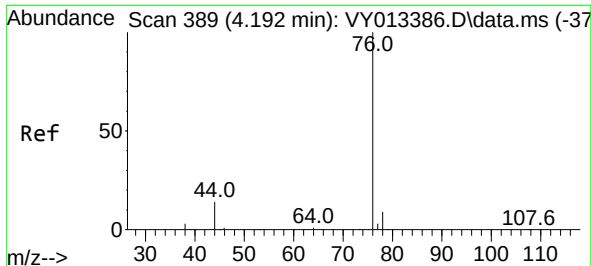
Tgt Ion:168 Resp: 128371
Ion Ratio Lower Upper
168 100
99 56.6 41.8 62.6



#16
Acetone
Concen: 107.221 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

Tgt Ion: 43 Resp: 59420
Ion Ratio Lower Upper
43 100
58 26.6 25.4 38.0

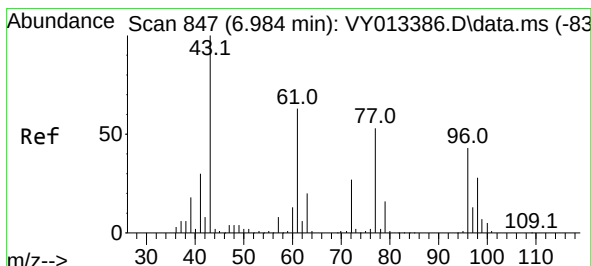
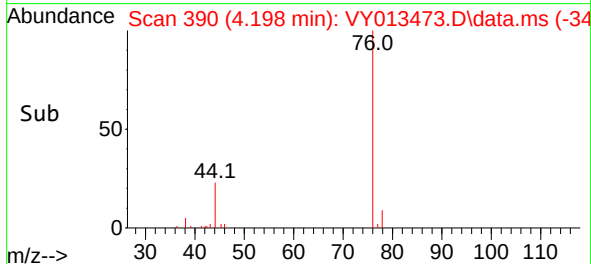
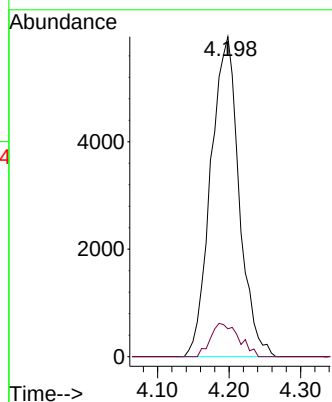
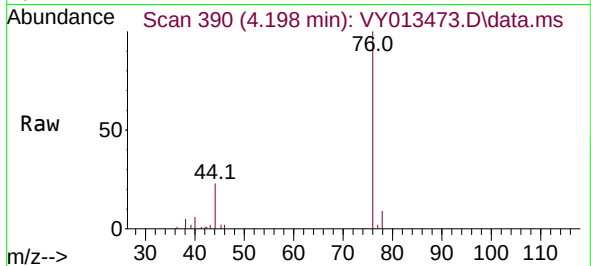




#17
Carbon Disulfide
Concen: 3.784 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

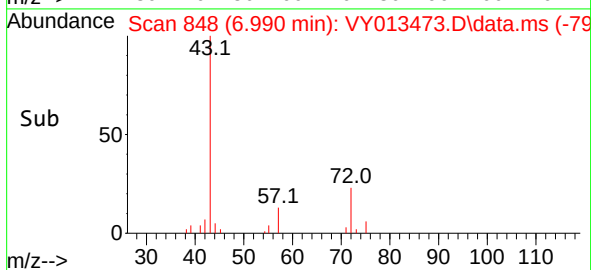
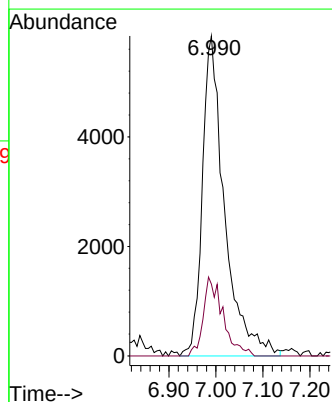
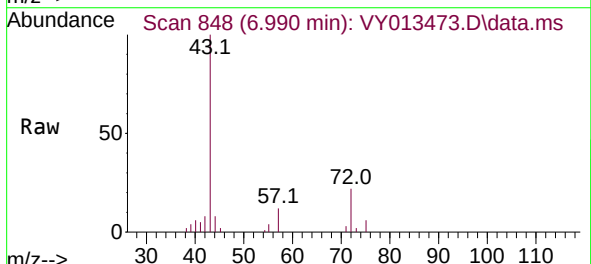
Instrument :
MSVOA_Y
ClientSampleId :
20230319-32-1

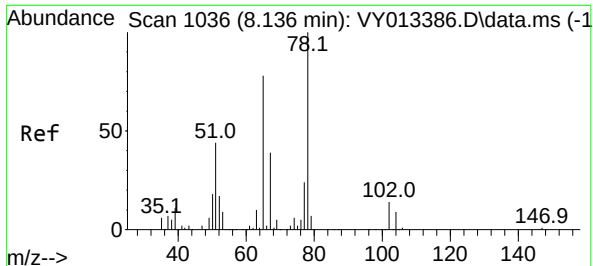
Tgt Ion: 76 Resp: 16397
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#25
2-Butanone
Concen: 27.333 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

Tgt Ion: 43 Resp: 19210
Ion Ratio Lower Upper
43 100
72 22.4 21.9 32.9

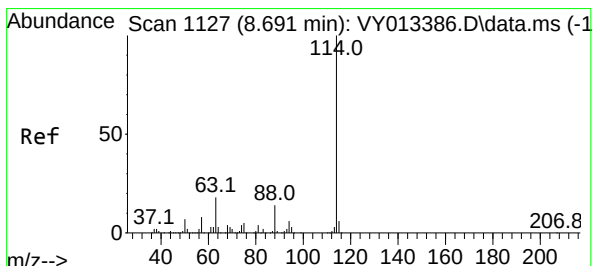
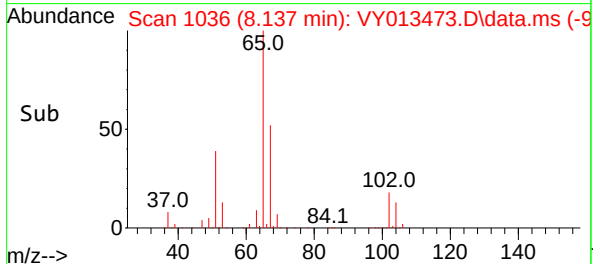
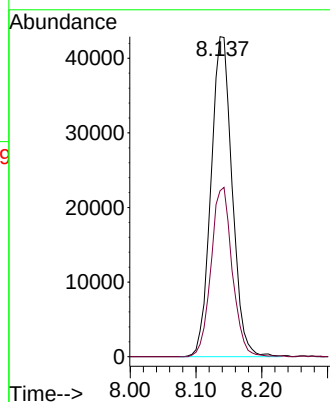
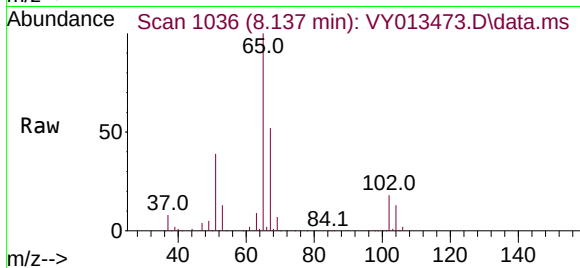




#33
 1,2-Dichloroethane-d4
 Concen: 68.399 ug/l
 RT: 8.137 min Scan# 1103
 Delta R.T. 0.001 min
 Lab File: VY013473.D
 Acq: 26 Apr 2023 15:06

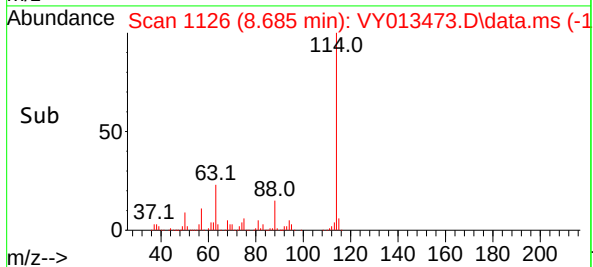
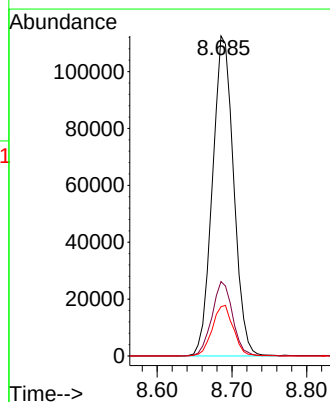
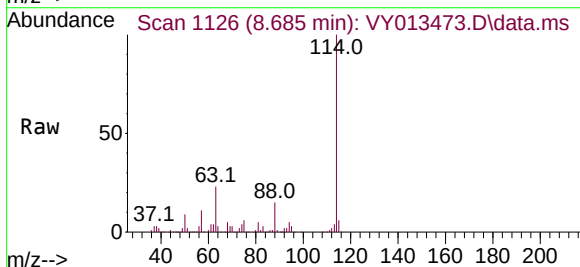
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230319-32-1

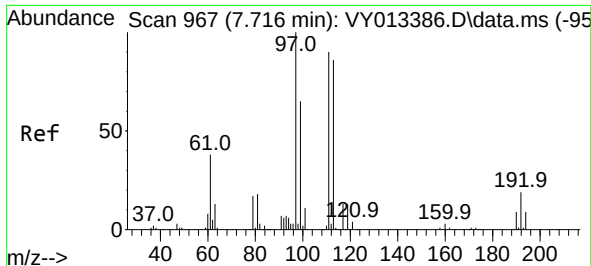
Tgt Ion: 65 Resp: 96253
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013473.D
 Acq: 26 Apr 2023 15:06

Tgt Ion: 114 Resp: 221744
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 36.6
 88 15.4 0.0 28.8

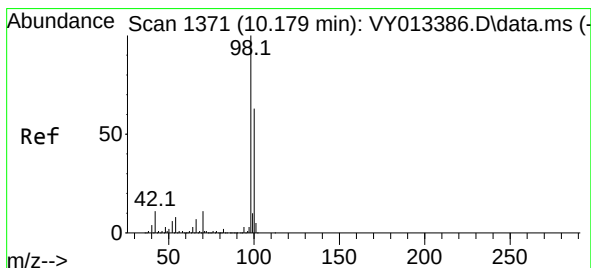
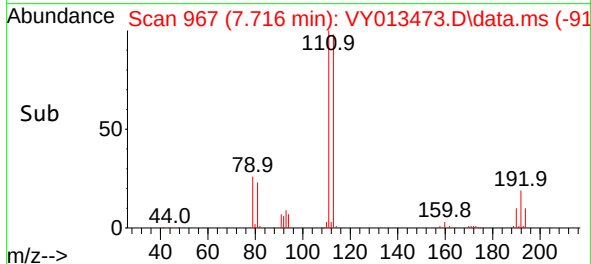
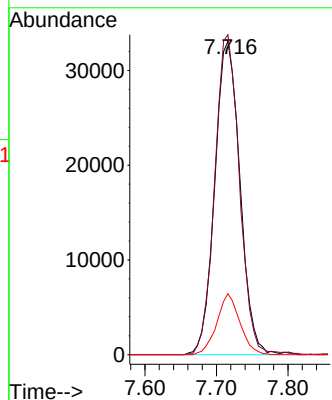
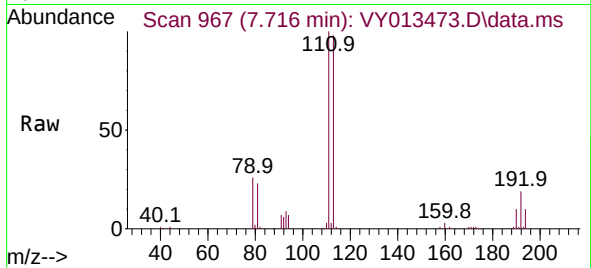




#35
Dibromofluoromethane
Concen: 57.925 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

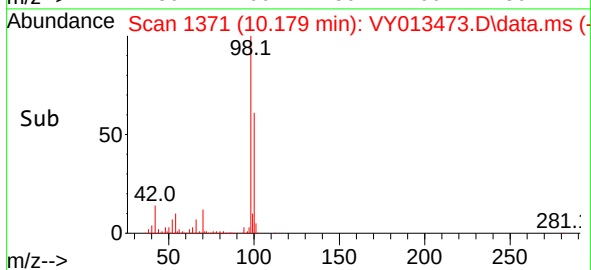
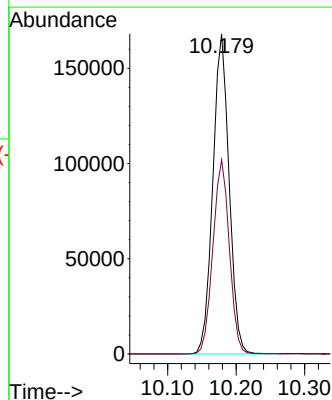
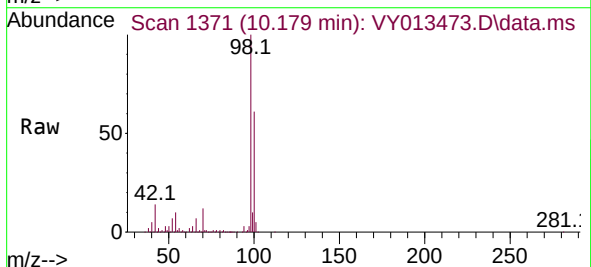
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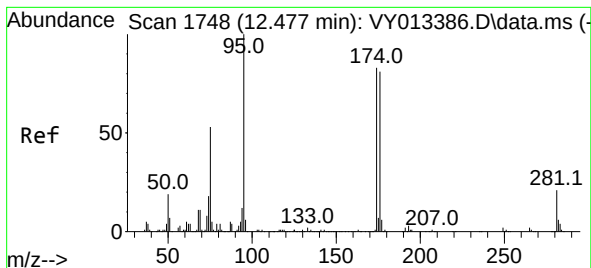
Tgt Ion:113 Resp: 80786
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.2
192 17.8 16.7 25.1



#50
Toluene-d8
Concen: 55.770 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

Tgt Ion: 98 Resp: 276698
Ion Ratio Lower Upper
98 100
100 61.2 50.5 75.7

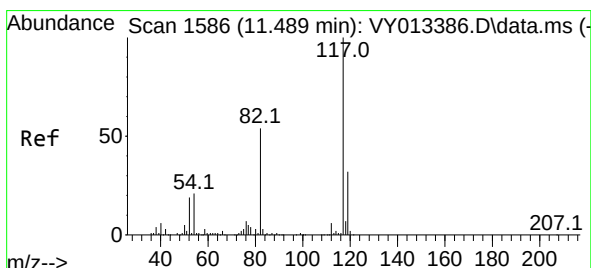
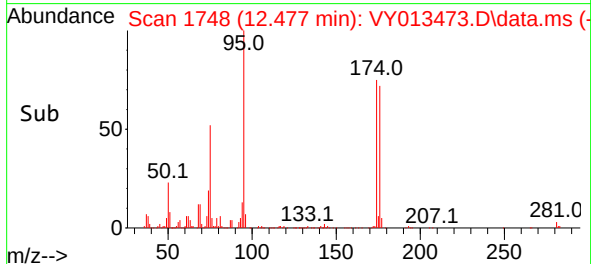
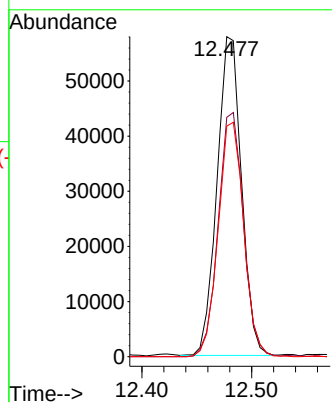
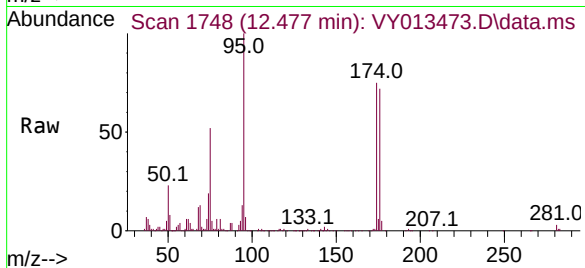




#62
4-Bromofluorobenzene
Concen: 53.641 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

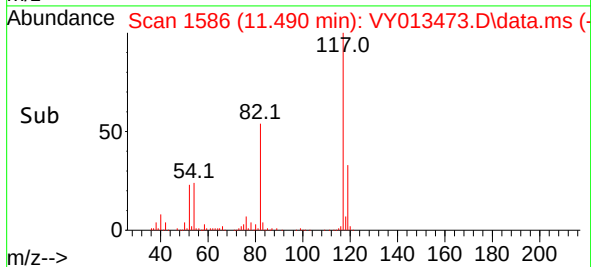
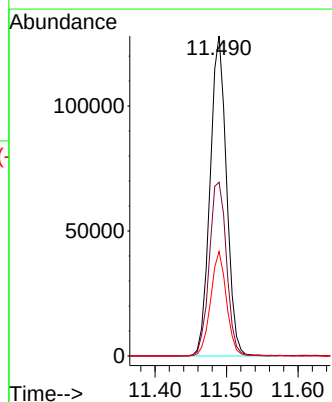
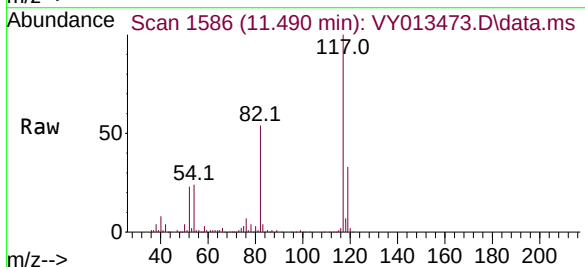
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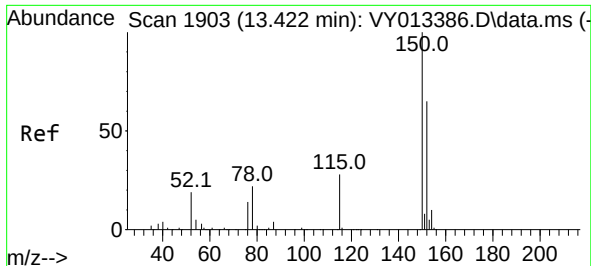
Tgt Ion: 95 Resp: 89720
Ion Ratio Lower Upper
95 100
174 79.2 0.0 182.0
176 76.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

Tgt Ion: 117 Resp: 204478
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.6
119 32.7 25.5 38.3

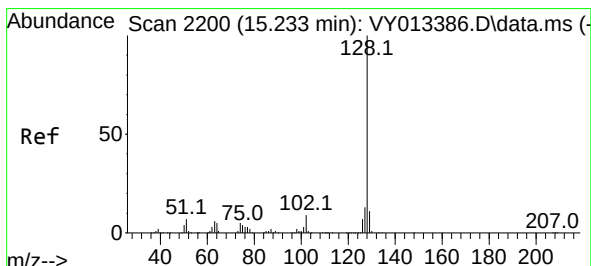
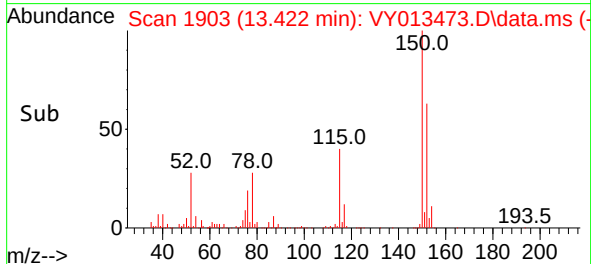
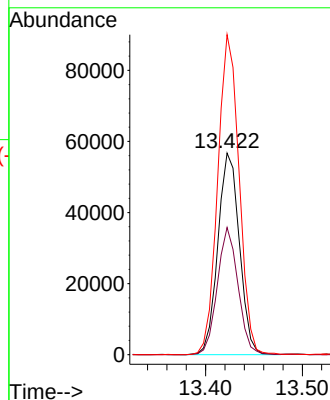
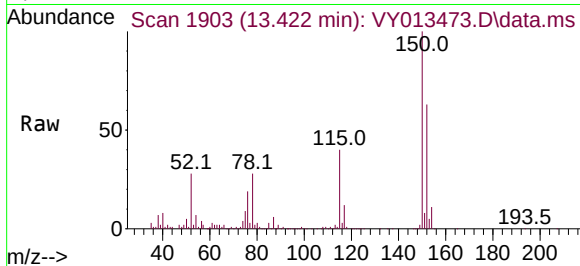




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:152 Resp: 87507
Ion Ratio Lower Upper
152 100
115 60.6 28.1 84.2
150 157.7 0.0 352.0



#95
Naphthalene
Concen: 1.458 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013473.D
Acq: 26 Apr 2023 15:06

Tgt Ion:128 Resp: 5205
Ion Ratio Lower Upper
128 100
127 16.6 10.7 16.1#
129 7.8 8.8 13.2#

