

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013278.D
 Acq On : 12 Apr 2023 19:43
 Operator : KP/MD
 Sample : 02283-08
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230231-10-1

Quant Time: Apr 13 06:19:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

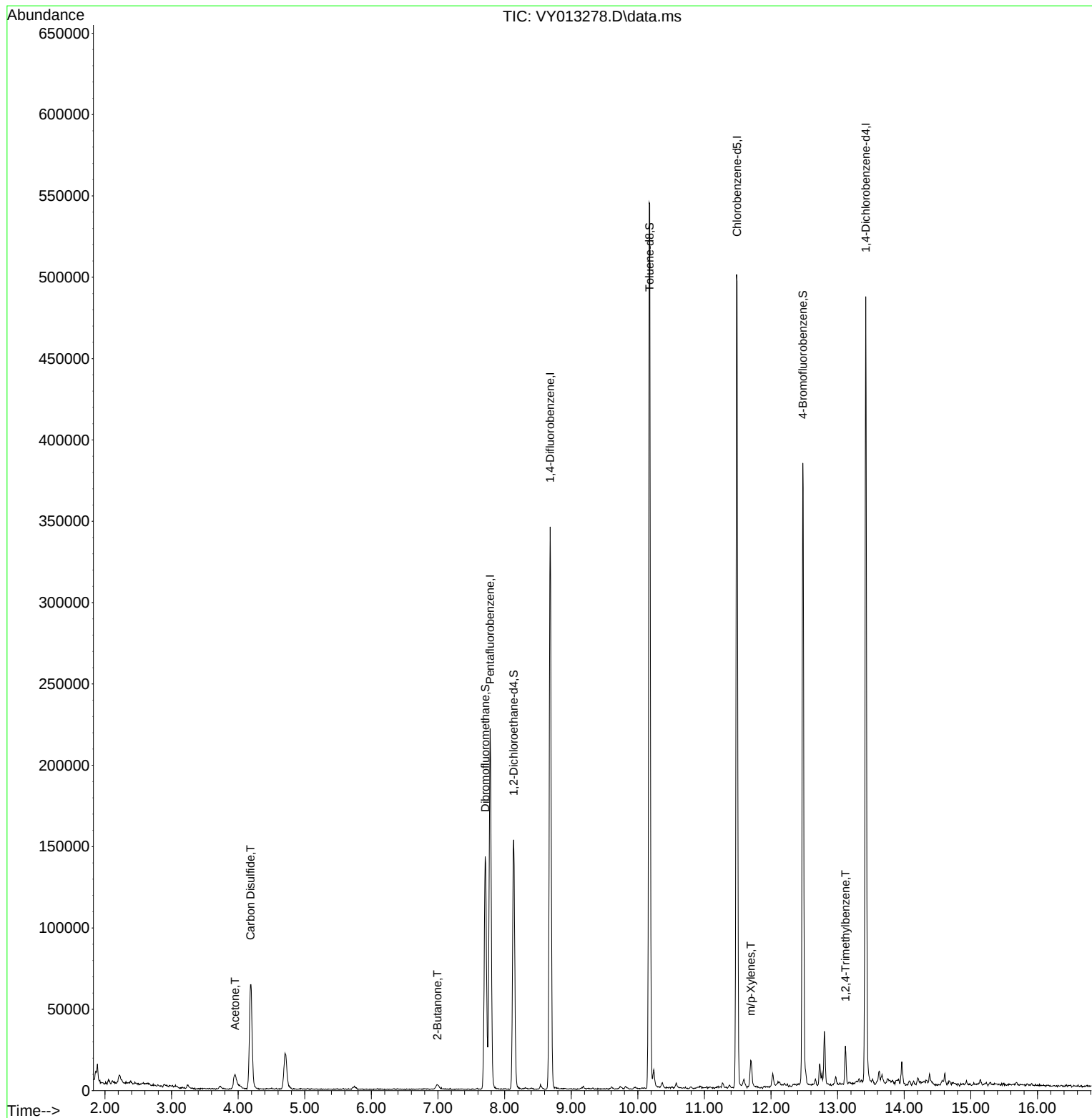
Internal Standards						
1) Pentafluorobenzene	7.783	168	162845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123303	63.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.020%	
35) Dibromofluoromethane	7.710	113	98730	54.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.179	98	352184	51.851	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.477	95	110912	50.257	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	19866	29.524	ug/l	94
17) Carbon Disulfide	4.186	76	133672	26.497	ug/l	99
25) 2-Butanone	6.990	43	4607	5.347	ug/l	94
68) m/p-Xylenes	11.697	106	4195	1.139	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	11417	1.756	ug/l	97

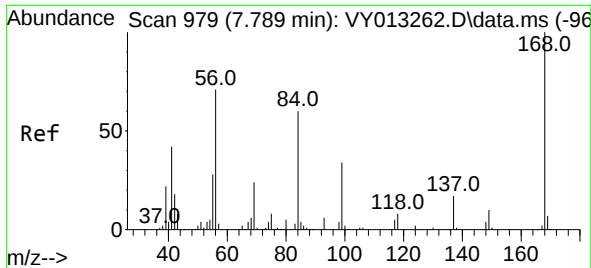
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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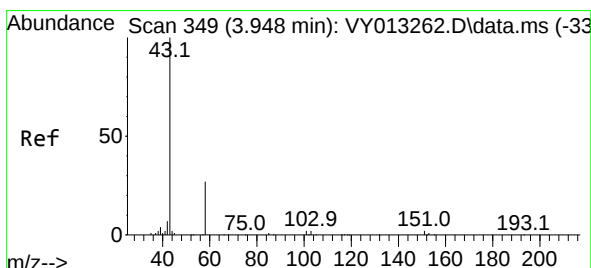
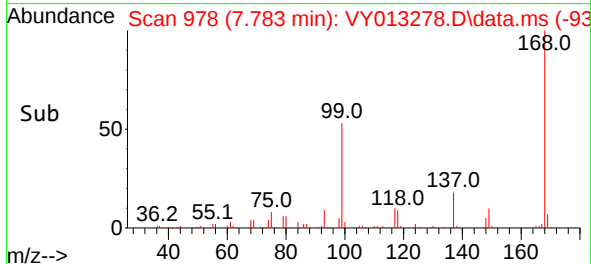
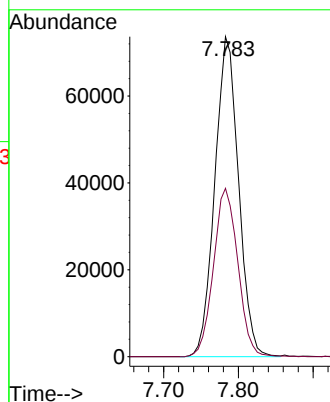
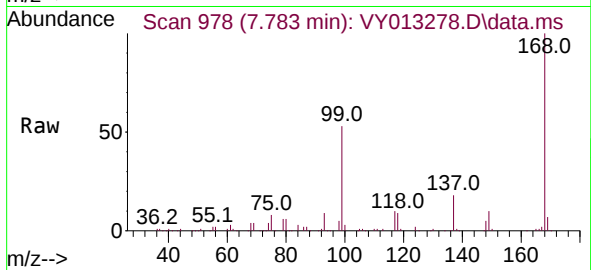




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013278.D
Acq: 12 Apr 2023 19:43

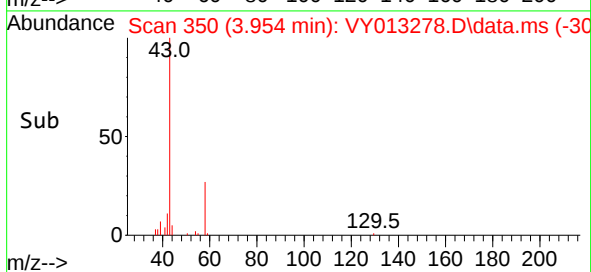
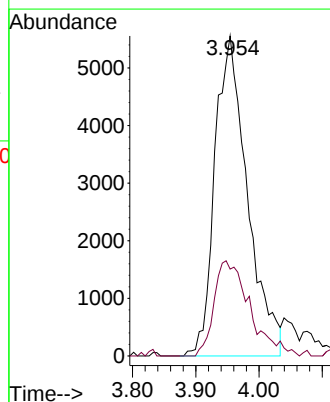
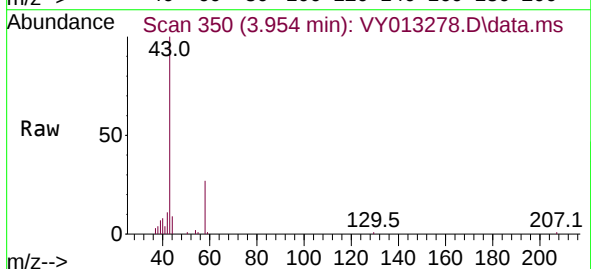
Instrument :
MSVOA_Y
ClientSampleId :
20230231-10-1

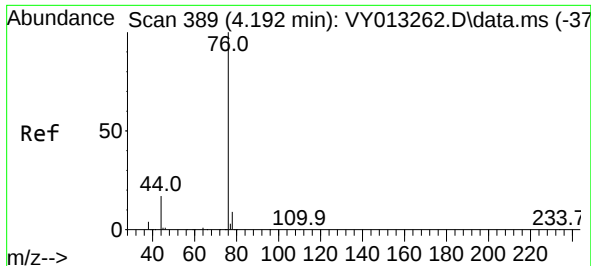
Tgt Ion:168 Resp: 162845
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#16
Acetone
Concen: 29.524 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013278.D
Acq: 12 Apr 2023 19:43

Tgt Ion: 43 Resp: 19866
Ion Ratio Lower Upper
43 100
58 27.1 24.2 36.2

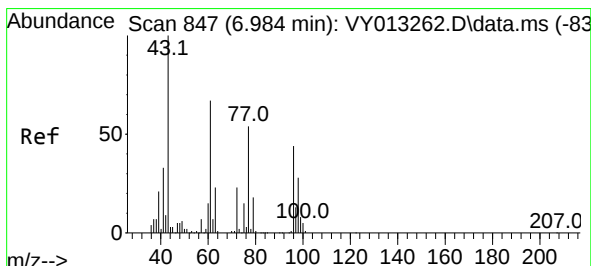
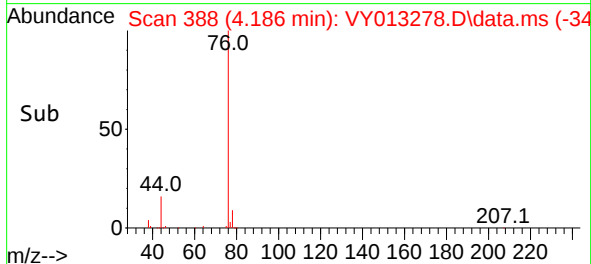
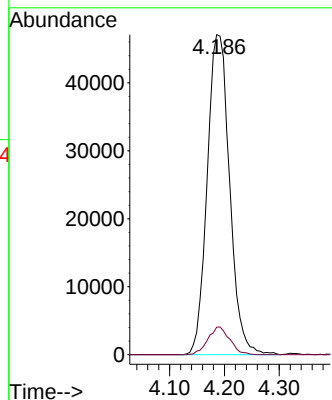
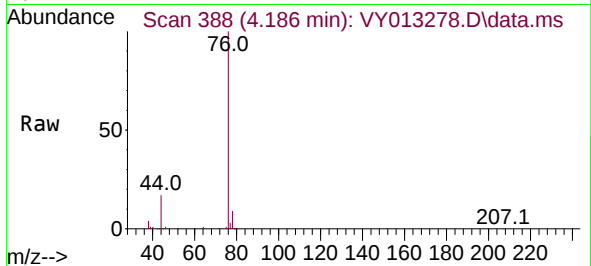




#17
Carbon Disulfide
Concen: 26.497 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013278.D
Acq: 12 Apr 2023 19:43

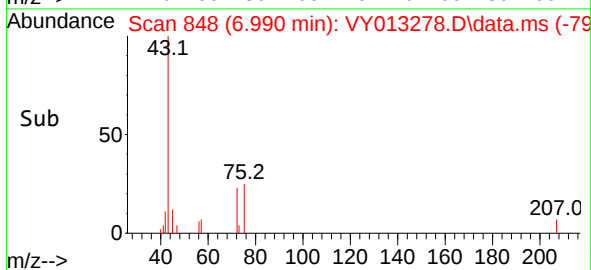
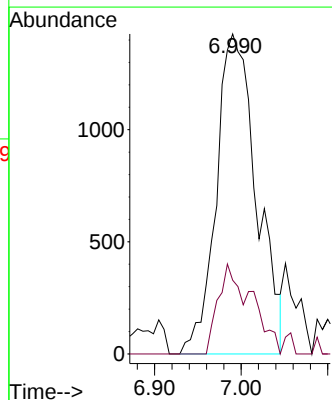
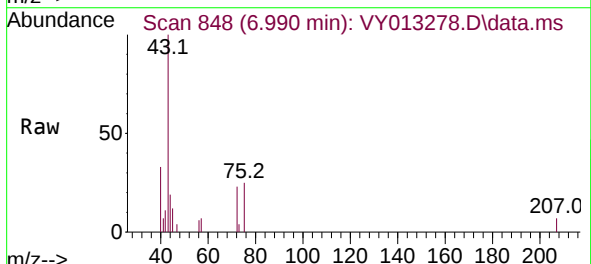
Instrument :
MSVOA_Y
ClientSampleId :
20230231-10-1

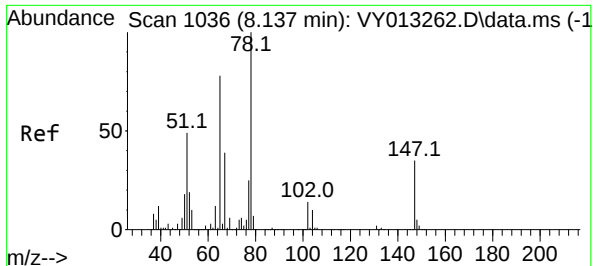
Tgt Ion: 76 Resp: 133672
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#25
2-Butanone
Concen: 5.347 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013278.D
Acq: 12 Apr 2023 19:43

Tgt Ion: 43 Resp: 4607
Ion Ratio Lower Upper
43 100
72 23.1 21.0 31.4





#33

1,2-Dichloroethane-d4

Concen: 63.005 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013278.D

Acq: 12 Apr 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

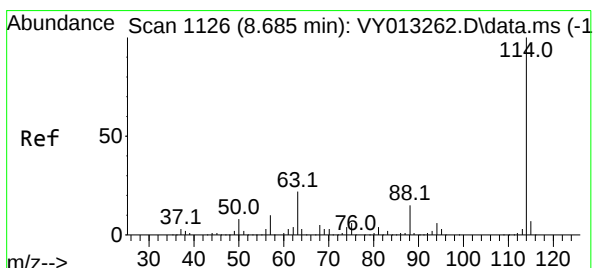
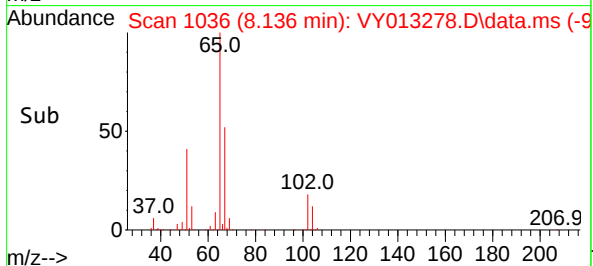
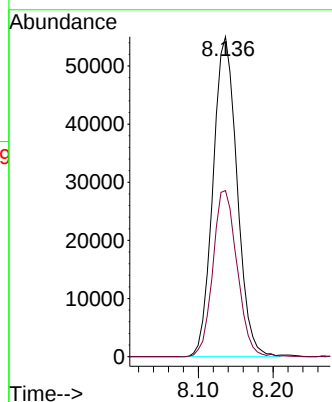
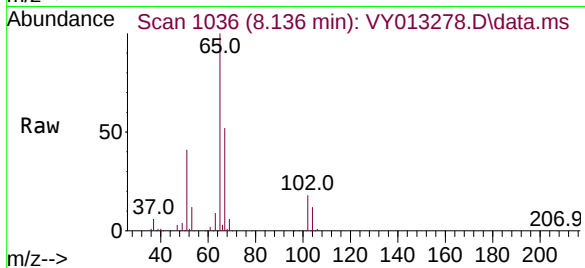
20230231-10-1

Tgt Ion: 65 Resp: 123303

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013278.D

Acq: 12 Apr 2023 19:43

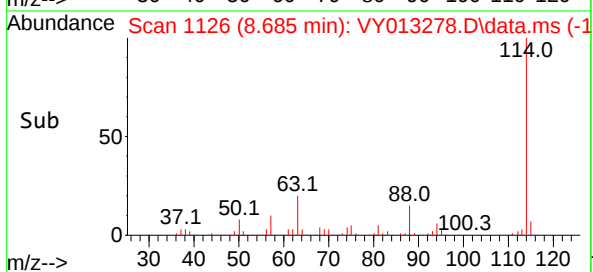
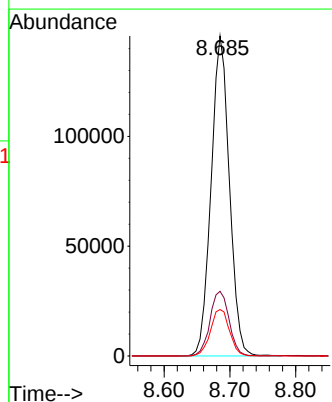
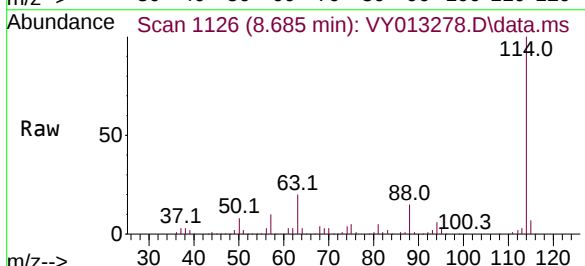
Tgt Ion: 114 Resp: 281870

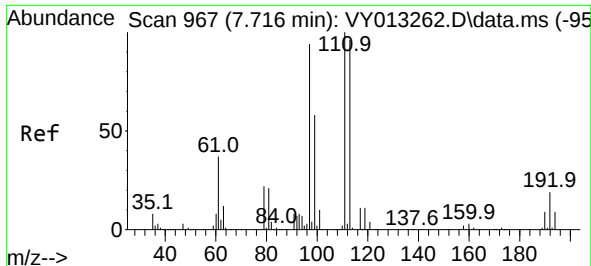
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.5 0.0 28.6

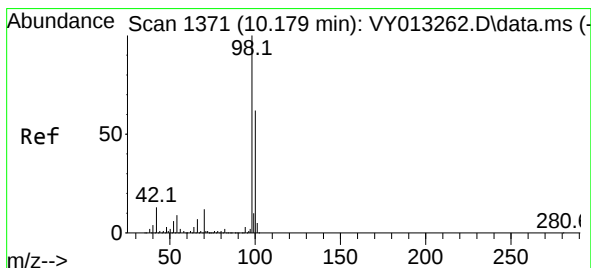
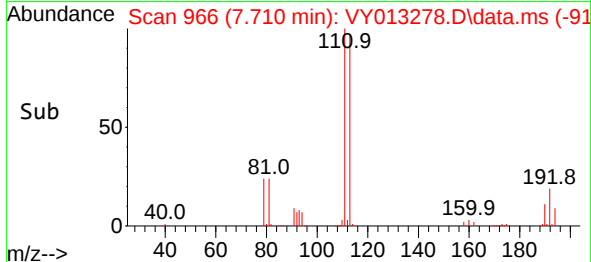
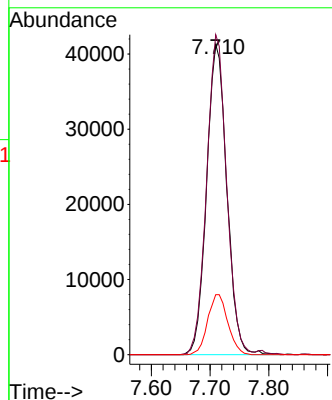
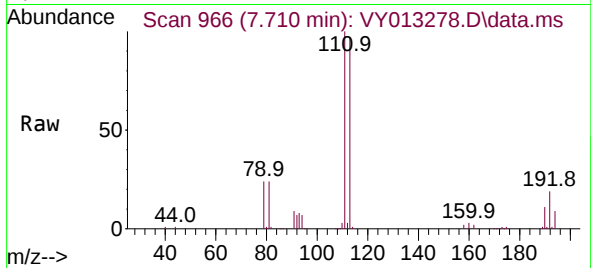




#35
 Dibromofluoromethane
 Concen: 54.104 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY013278.D
 Acq: 12 Apr 2023 19:43

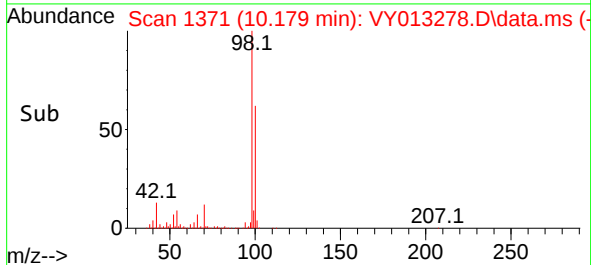
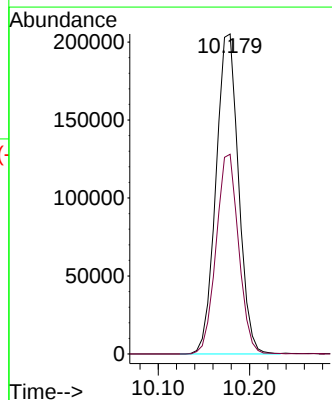
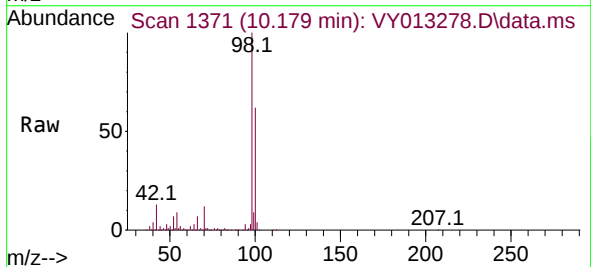
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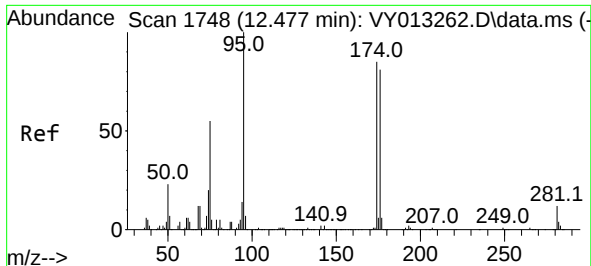
Tgt Ion:113	Resp:	98730	
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	19.3	16.8	25.2



#50
 Toluene-d8
 Concen: 51.851 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY013278.D
 Acq: 12 Apr 2023 19:43

Tgt Ion: 98	Resp: 352184
Ion Ratio	Lower Upper
98 100	
100 62.3	50.9 76.3

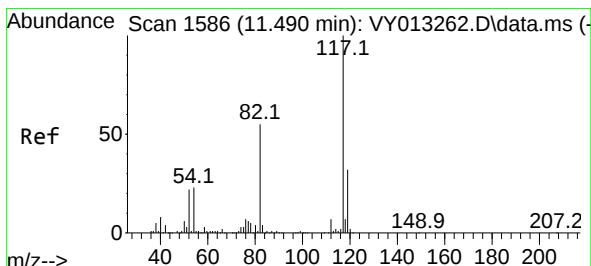
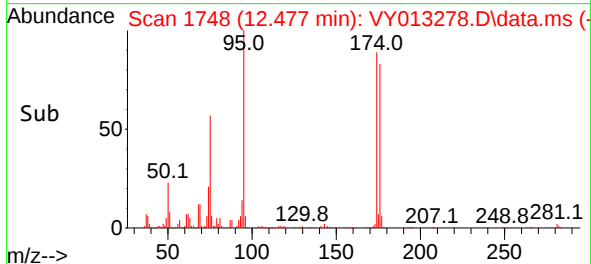
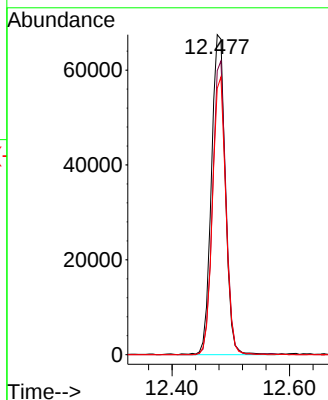
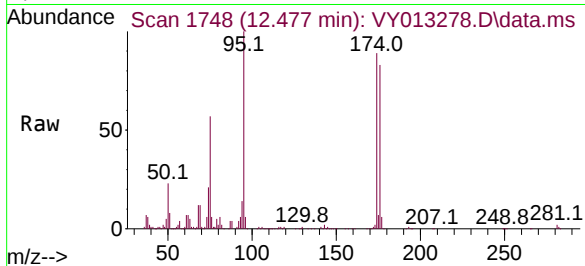




#62
4-Bromofluorobenzene
Concen: 50.257 ug/l
RT: 12.477 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VY013278.D
Acq: 12 Apr 2023 19:43

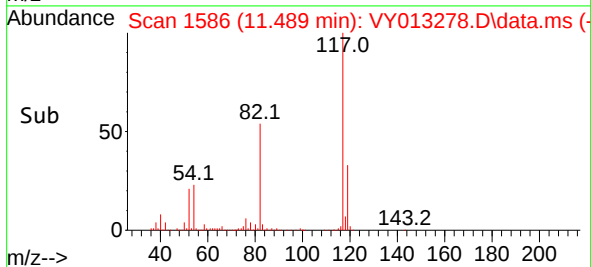
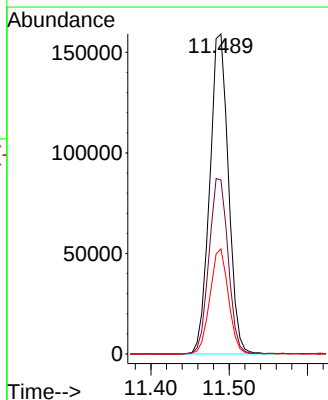
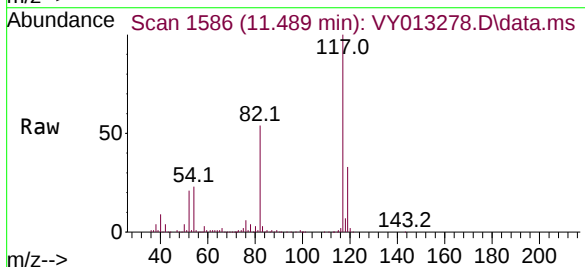
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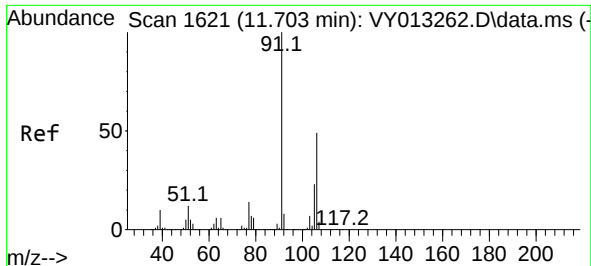
Tgt Ion: 95 Resp: 110912
Ion Ratio Lower Upper
95 100
174 87.4 0.0 176.6
176 83.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013278.D
Acq: 12 Apr 2023 19:43

Tgt Ion: 117 Resp: 264150
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 32.8 25.6 38.4

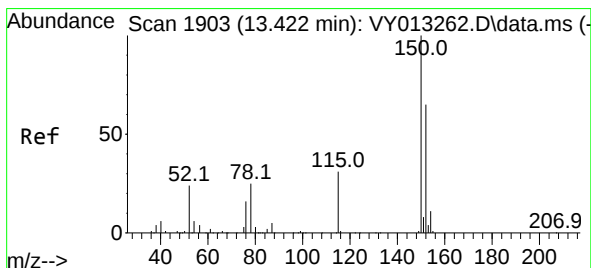
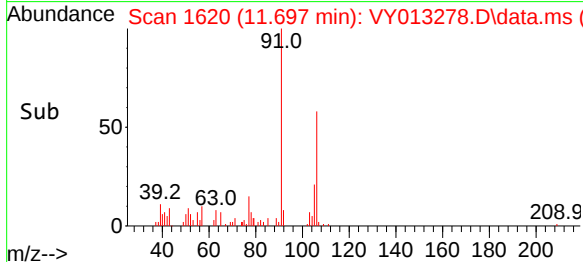
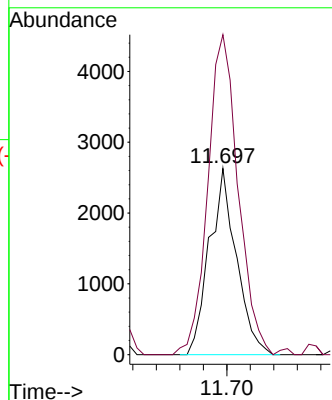
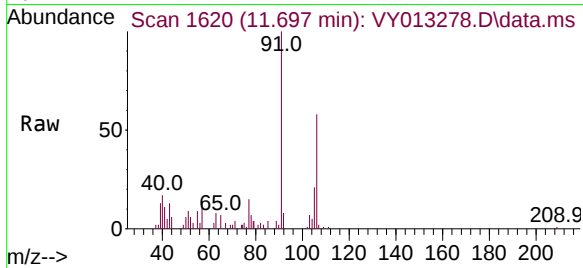




#68
m/p-Xylenes
Concen: 1.139 ug/l
RT: 11.697 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013278.D
Acq: 12 Apr 2023 19:43

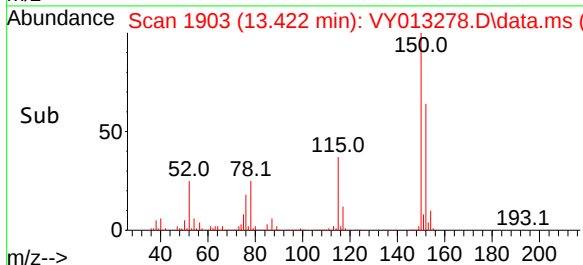
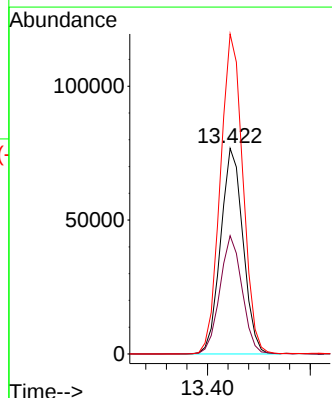
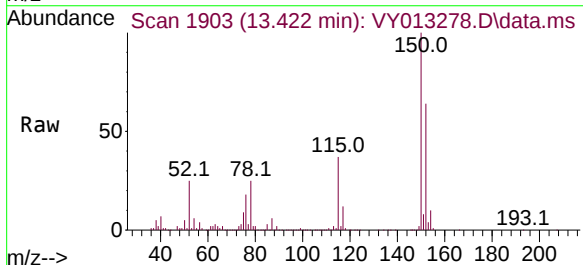
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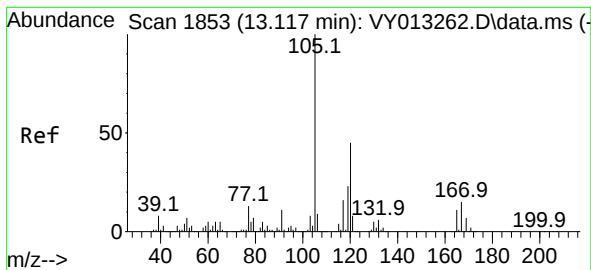
Tgt Ion:106 Resp: 4195
Ion Ratio Lower Upper
106 100
91 194.1 159.8 239.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013278.D
Acq: 12 Apr 2023 19:43

Tgt Ion:152 Resp: 116266
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 156.6 0.0 347.8





#84

1,2,4-Trimethylbenzene

Concen: 1.756 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013278.D

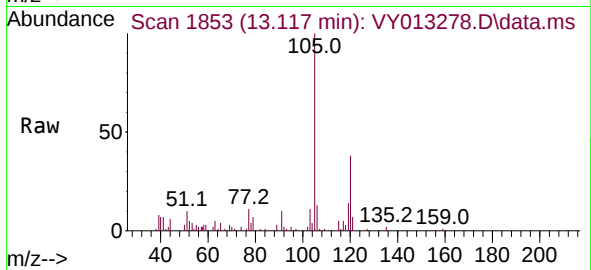
Acq: 12 Apr 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

20230231-10-1



Tgt Ion:105 Resp: 11417

Ion Ratio Lower Upper

105 100

120 43.8 23.0 69.0

