

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013420.D
 Acq On : 25 Apr 2023 01:54
 Operator : KP/MD
 Sample : 02427-01
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230264-18-2

Quant Time: Apr 25 07:13:38 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)

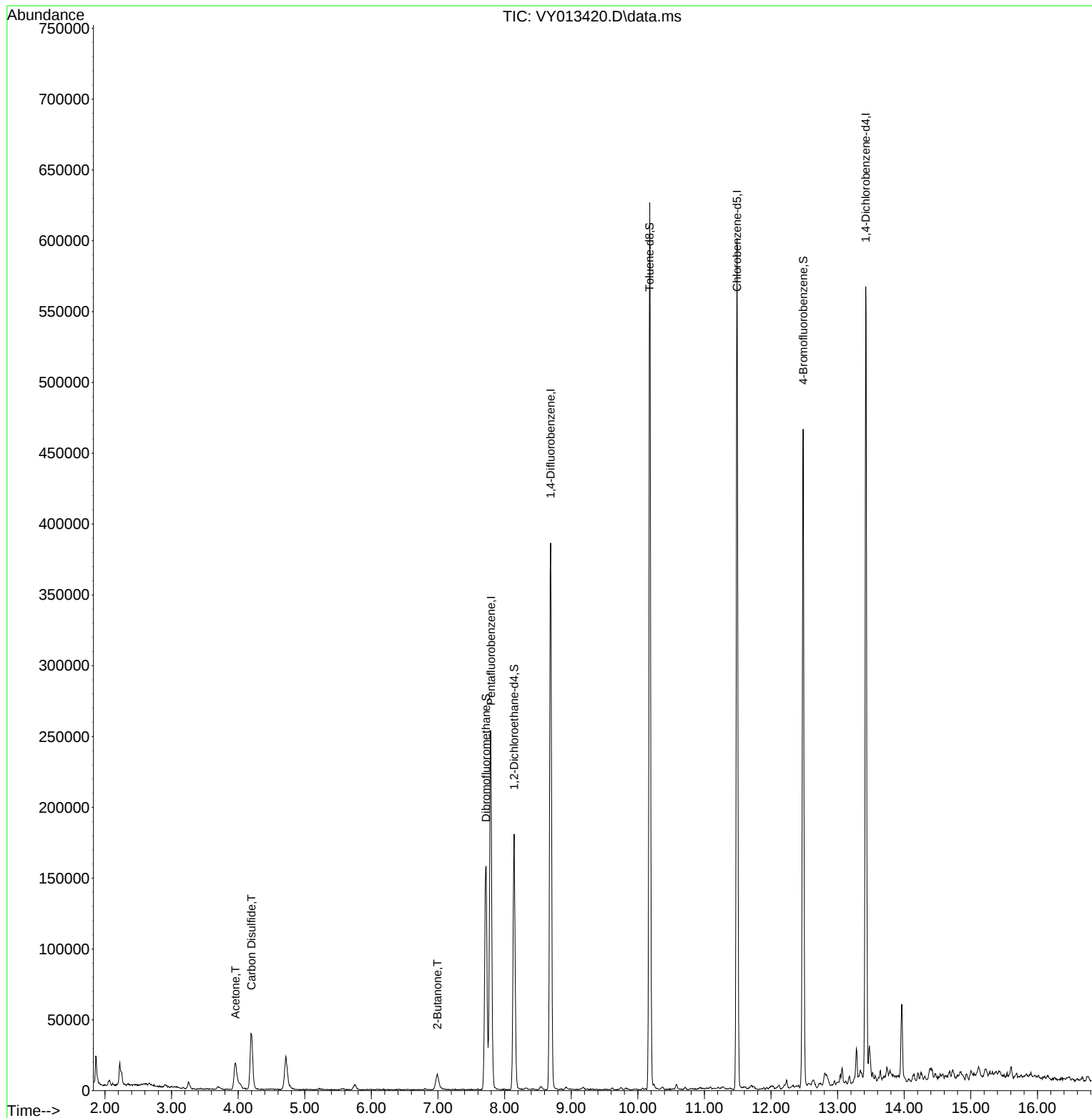
Internal Standards						
1) Pentafluorobenzene	7.795	168	194553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	136794	64.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.280%	
35) Dibromofluoromethane	7.722	113	114936	55.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.200%	
50) Toluene-d8	10.179	98	401411	54.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.200%	
62) 4-Bromofluorobenzene	12.483	95	130752	52.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.540%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	41975	49.977	ug/l	94
17) Carbon Disulfide	4.198	76	81857	12.463	ug/l	99
25) 2-Butanone	6.990	43	12785	12.003	ug/l #	88

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

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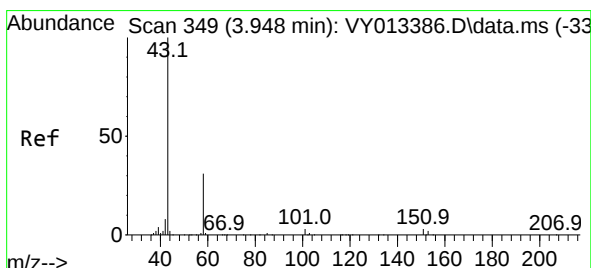
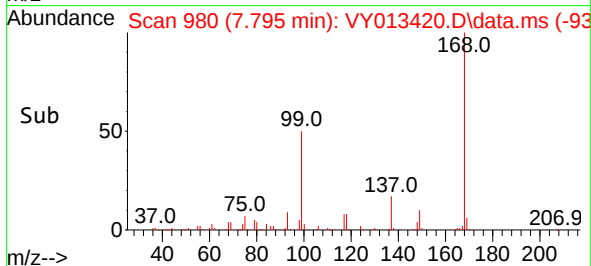
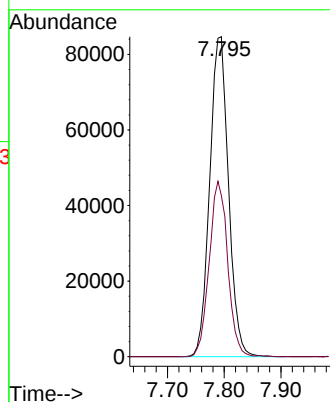
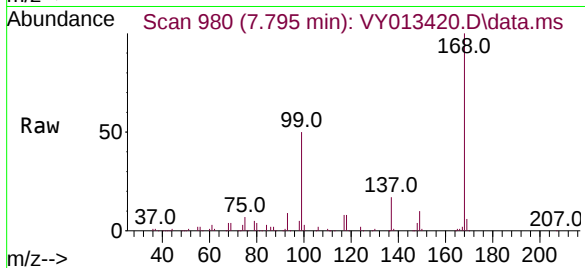




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013420.D
Acq: 25 Apr 2023 01:54

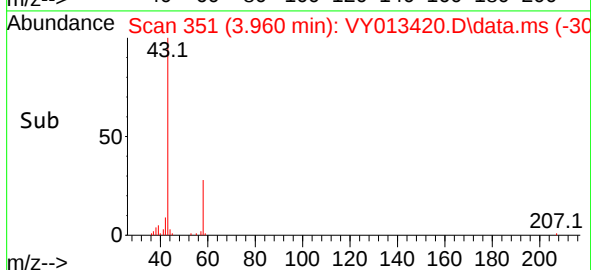
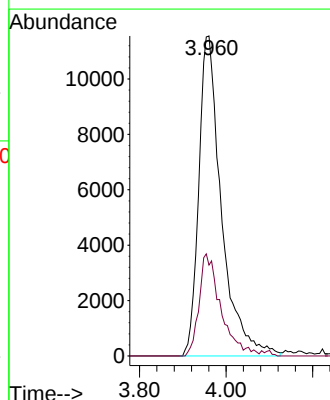
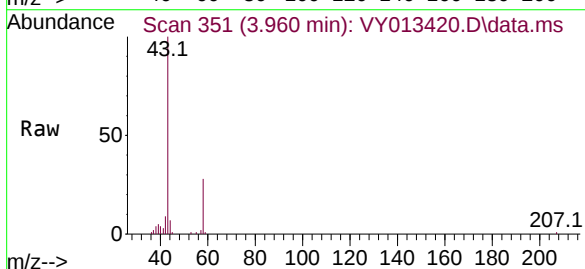
Instrument :
MSVOA_Y
ClientSampleId :
20230264-18-2

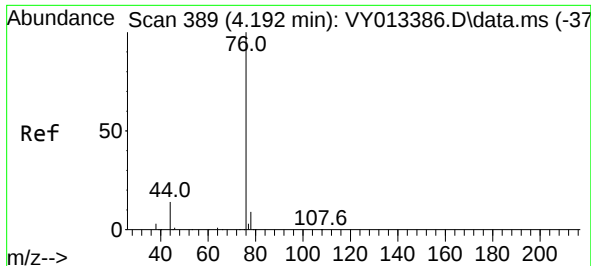
Tgt Ion:168 Resp: 194553
Ion Ratio Lower Upper
168 100
99 50.4 41.8 62.6



#16
Acetone
Concen: 49.977 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013420.D
Acq: 25 Apr 2023 01:54

Tgt Ion: 43 Resp: 41975
Ion Ratio Lower Upper
43 100
58 28.4 25.4 38.0

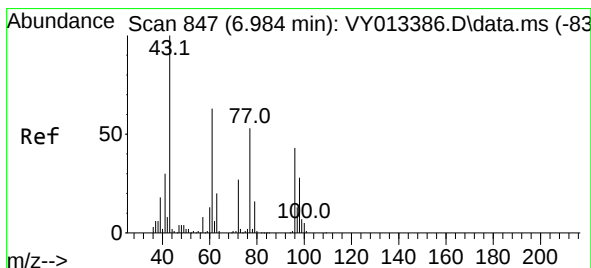
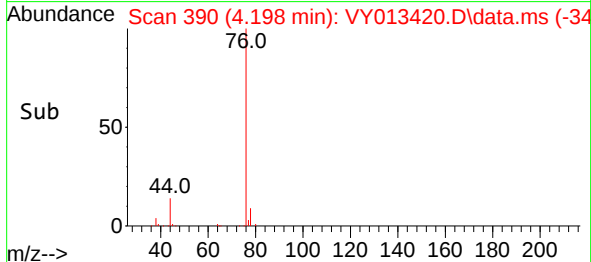
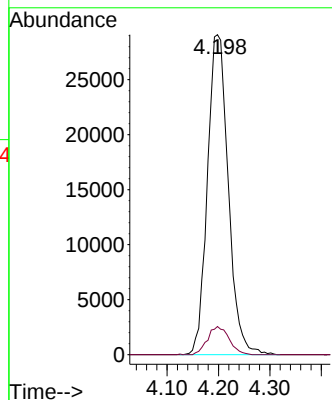
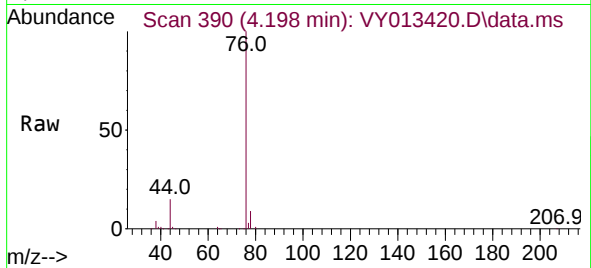




#17
Carbon Disulfide
Concen: 12.463 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013420.D
Acq: 25 Apr 2023 01:54

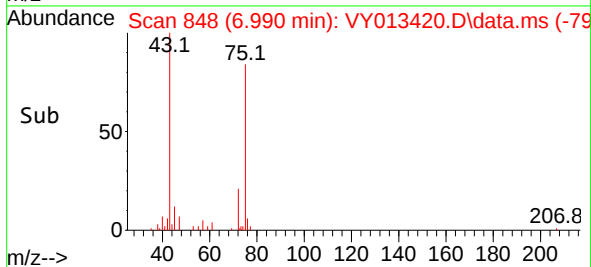
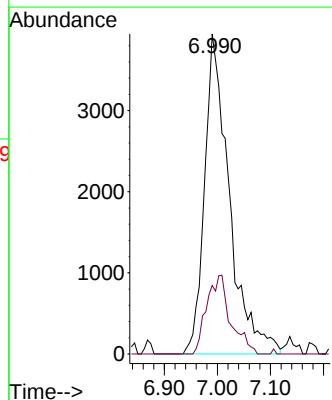
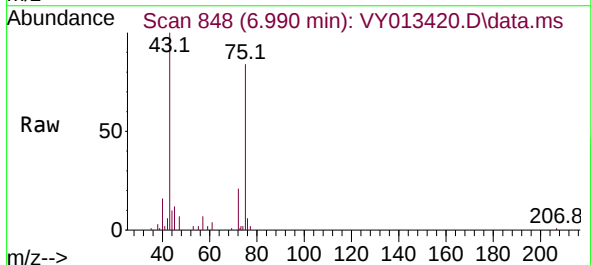
Instrument :
MSVOA_Y
ClientSampleId :
20230264-18-2

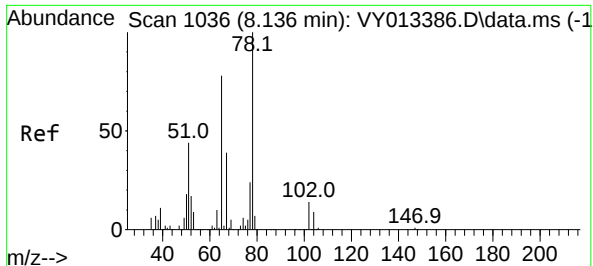
Tgt Ion: 76 Resp: 81857
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#25
2-Butanone
Concen: 12.003 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013420.D
Acq: 25 Apr 2023 01:54

Tgt Ion: 43 Resp: 12785
Ion Ratio Lower Upper
43 100
72 21.4 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 64.140 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013420.D

Acq: 25 Apr 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

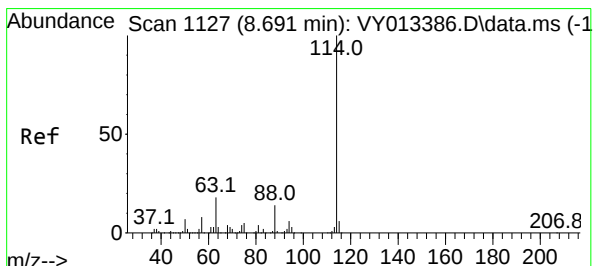
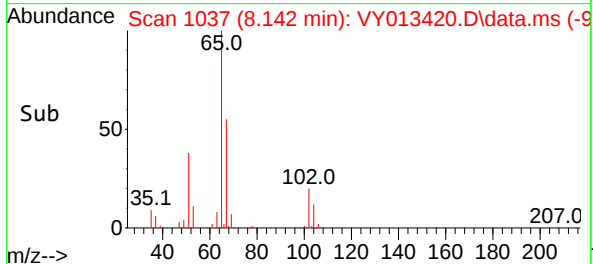
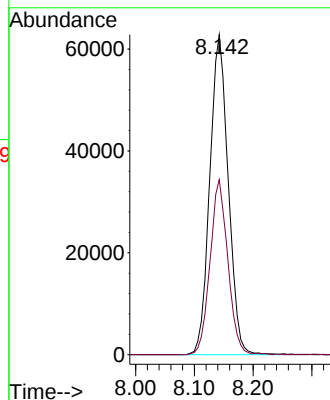
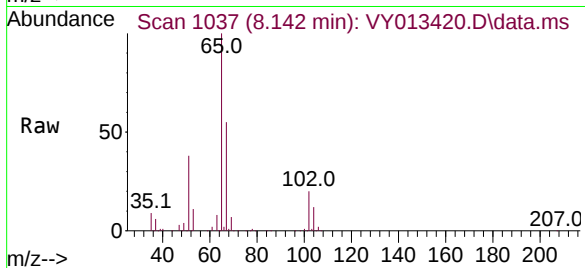
20230264-18-2

Tgt Ion: 65 Resp: 136794

Ion Ratio Lower Upper

65 100

67 52.8 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: VY013420.D

Acq: 25 Apr 2023 01:54

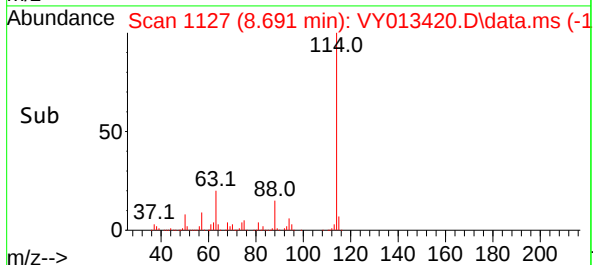
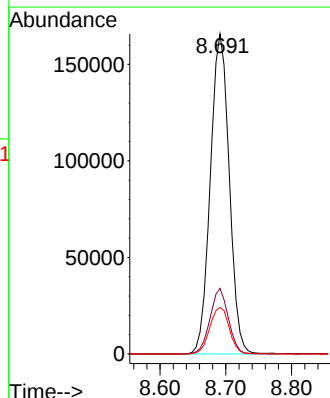
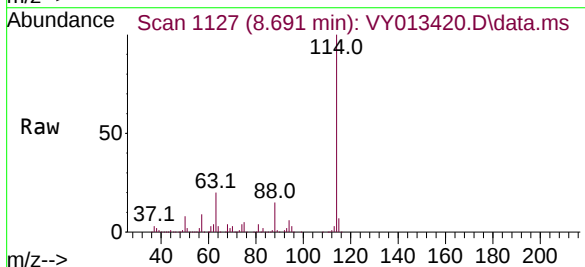
Tgt Ion: 114 Resp: 331649

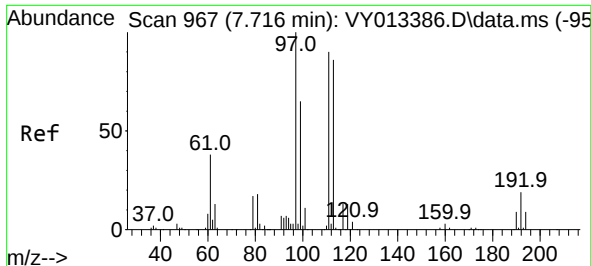
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 14.6 0.0 28.8

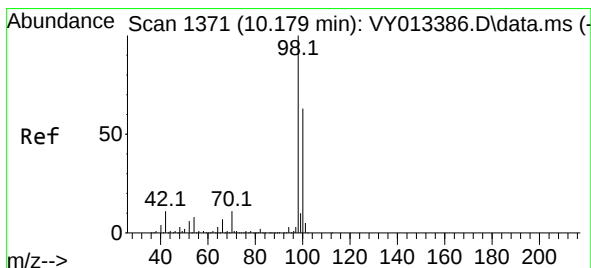
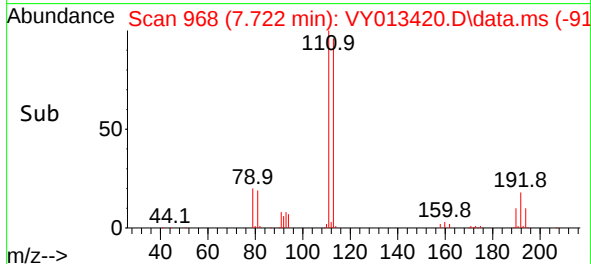
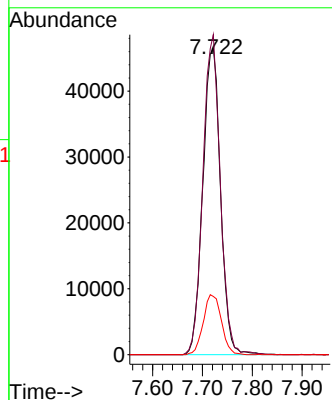
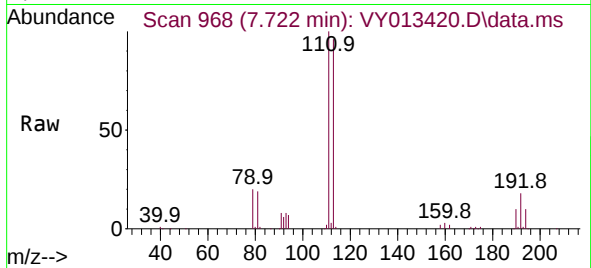




#35
Dibromofluoromethane
Concen: 55.101 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013420.D
Acq: 25 Apr 2023 01:54

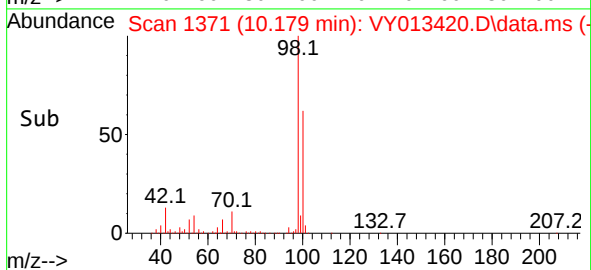
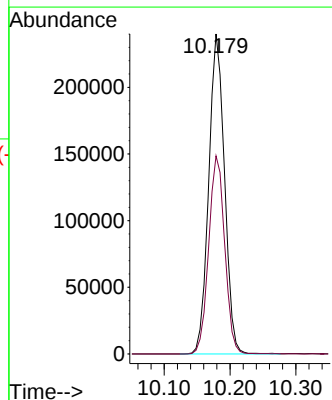
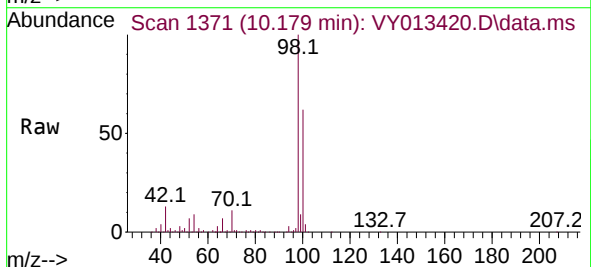
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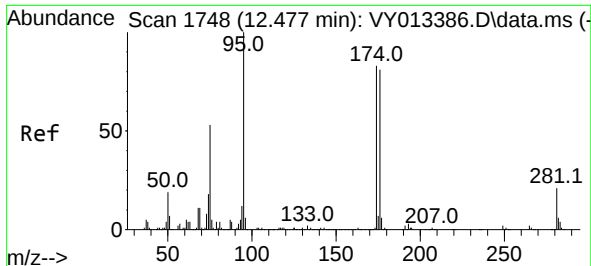
Tgt Ion:113 Resp: 114936
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.0 16.7 25.1



#50
Toluene-d8
Concen: 54.095 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013420.D
Acq: 25 Apr 2023 01:54

Tgt Ion: 98 Resp: 401411
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

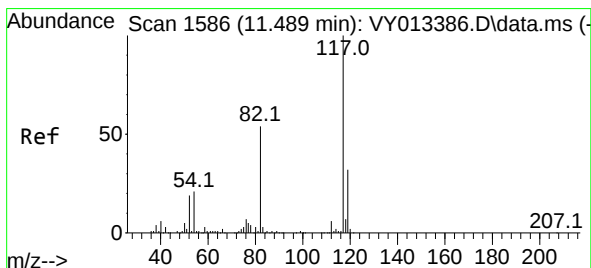
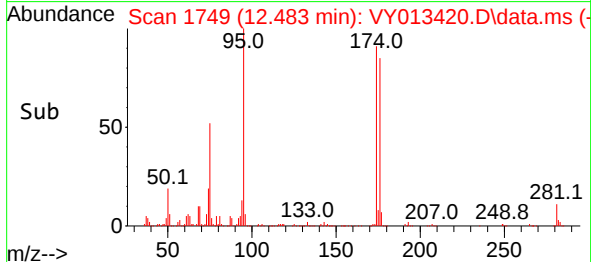
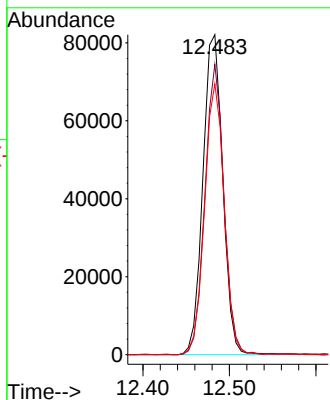
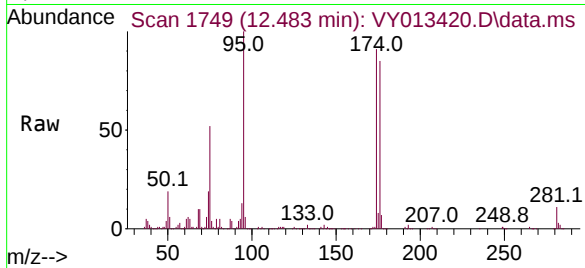




#62
4-Bromofluorobenzene
Concen: 52.267 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013420.D
Acq: 25 Apr 2023 01:54

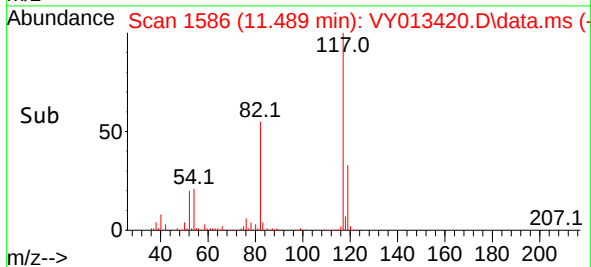
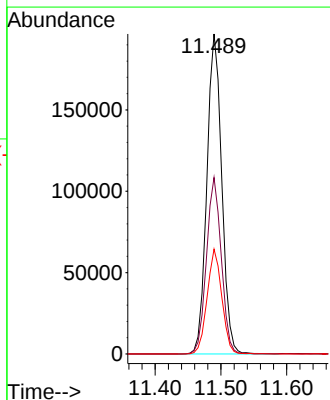
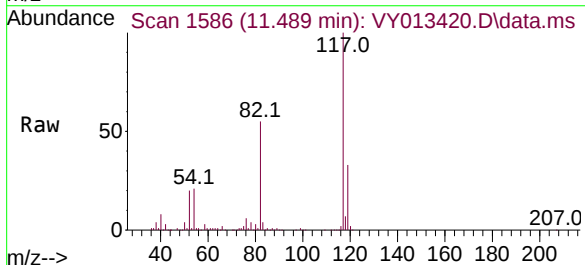
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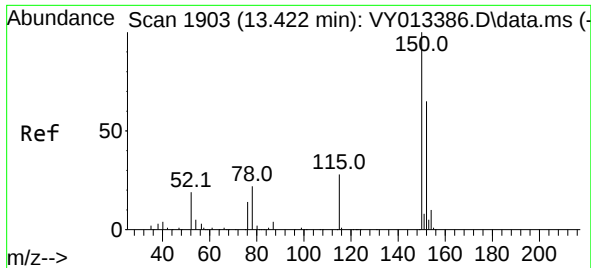
Tgt Ion: 95 Resp: 130752
Ion Ratio Lower Upper
95 100
174 87.2 0.0 182.0
176 83.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013420.D
Acq: 25 Apr 2023 01:54

Tgt Ion: 117 Resp: 309763
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.6
119 32.8 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: VY013420.D

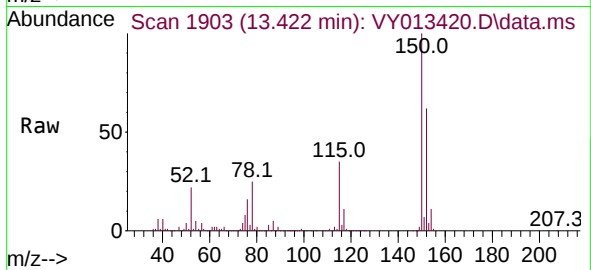
Acq: 25 Apr 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

20230264-18-2



Tgt Ion:152 Resp: 144774

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 158.7 0.0 352.0

