

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013423.D
 Acq On : 25 Apr 2023 03:04
 Operator : KP/MD
 Sample : 02427-04
 Misc : 3.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230314-30-4

Quant Time: Apr 25 07:14:52 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)

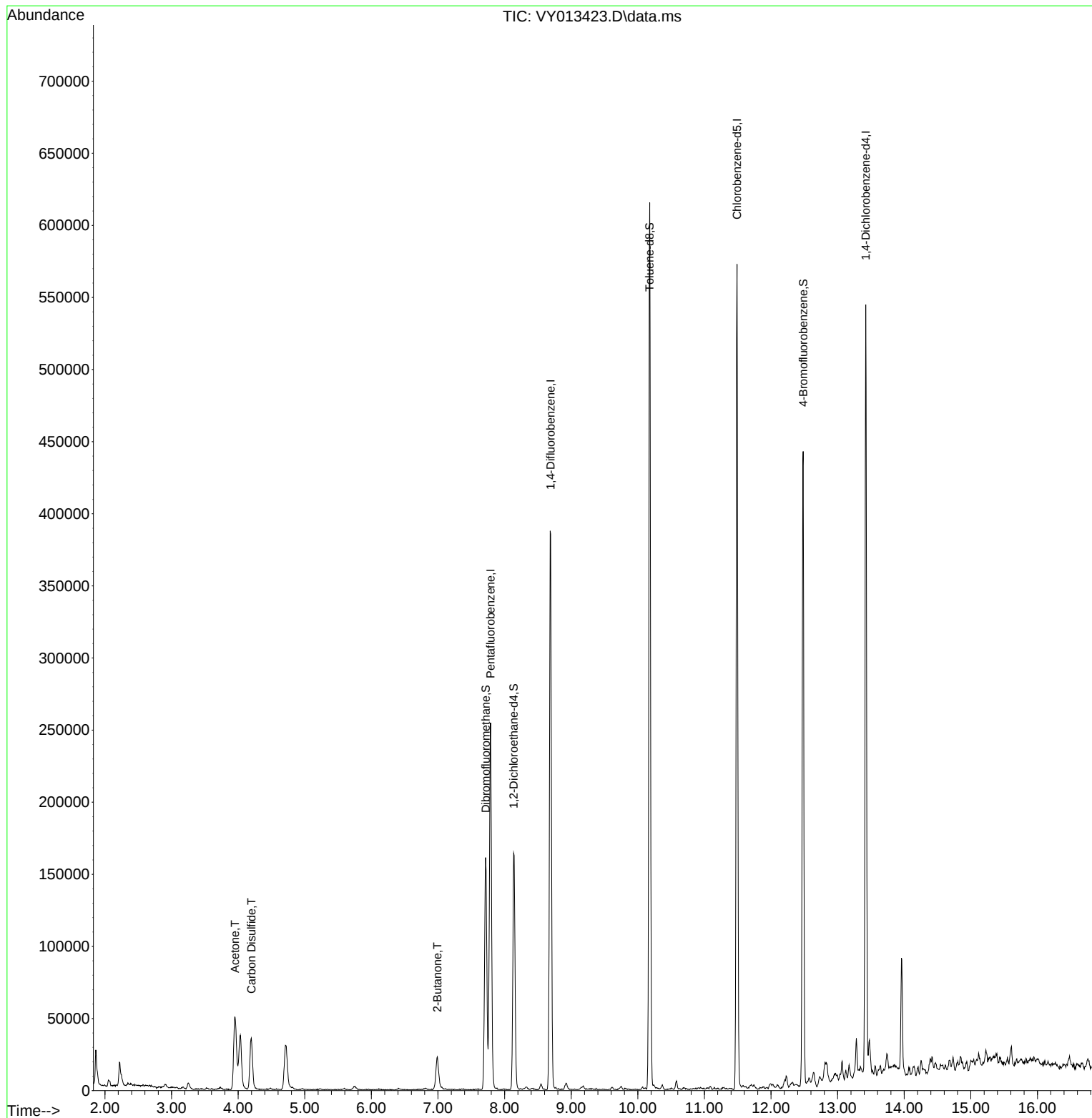
Internal Standards						
1) Pentafluorobenzene	7.789	168	192238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133192	63.203	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.400%		
35) Dibromofluoromethane	7.716	113	112446	54.128	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.260%		
50) Toluene-d8	10.179	98	398694	53.949	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 107.900%		
62) 4-Bromofluorobenzene	12.483	95	128964	51.764	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 103.520%		
Target Compounds						
						Qvalue
16) Acetone	3.954	43	108552	130.802	ug/l	97
17) Carbon Disulfide	4.198	76	74795	11.525	ug/l	97
25) 2-Butanone	6.990	43	34235	32.528	ug/l	97

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

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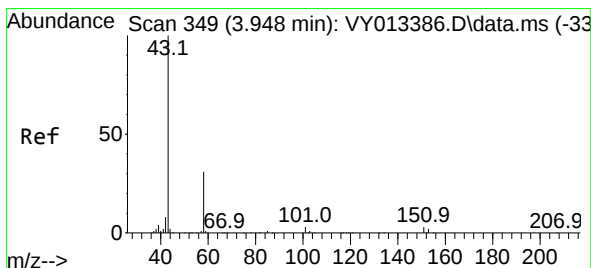
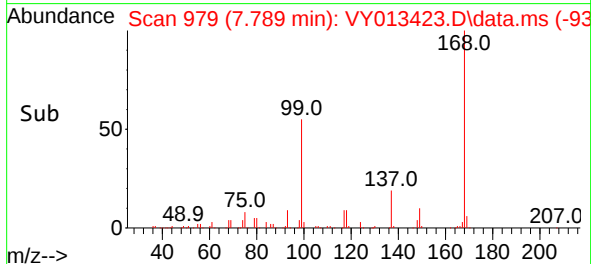
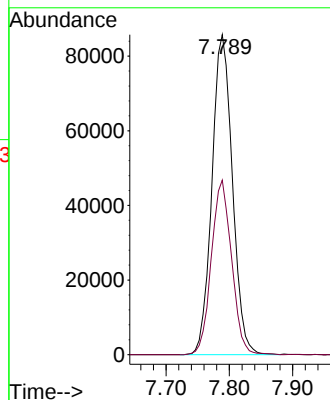
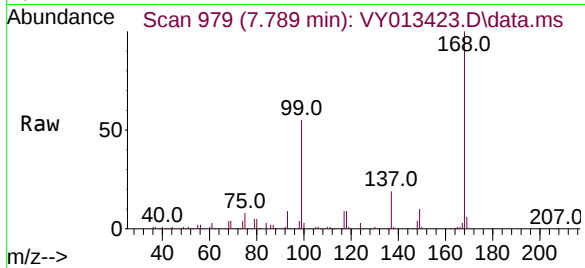




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013423.D
Acq: 25 Apr 2023 03:04

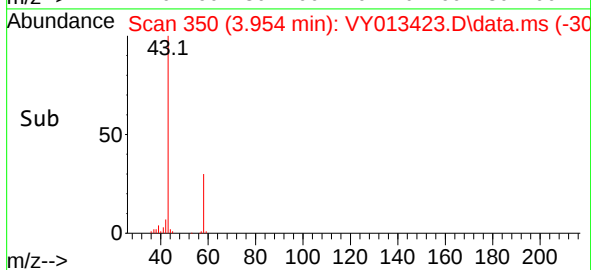
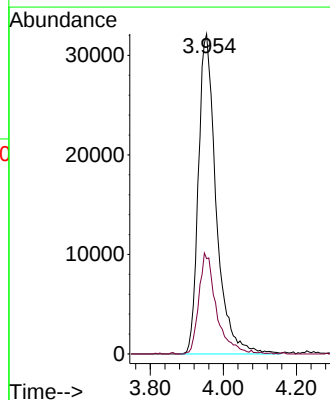
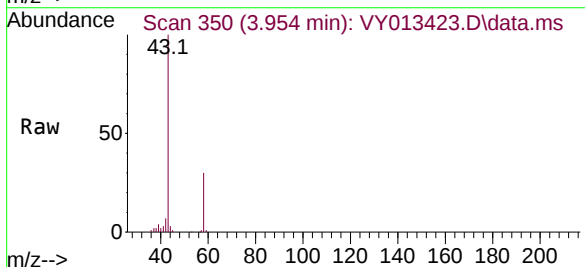
Instrument :
MSVOA_Y
ClientSampleId :
20230314-30-4

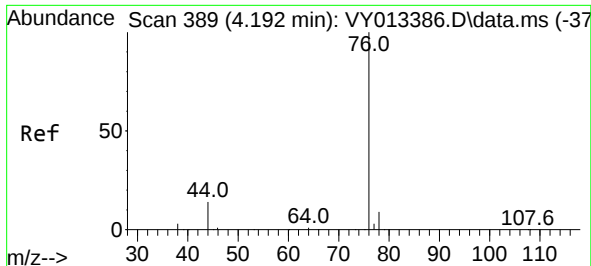
Tgt Ion:168 Resp: 192238
Ion Ratio Lower Upper
168 100
99 54.5 41.8 62.6



#16
Acetone
Concen: 130.802 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013423.D
Acq: 25 Apr 2023 03:04

Tgt Ion: 43 Resp: 108552
Ion Ratio Lower Upper
43 100
58 29.8 25.4 38.0

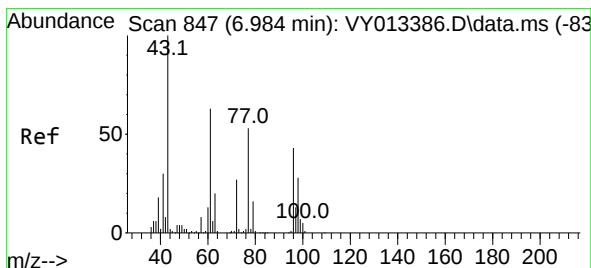
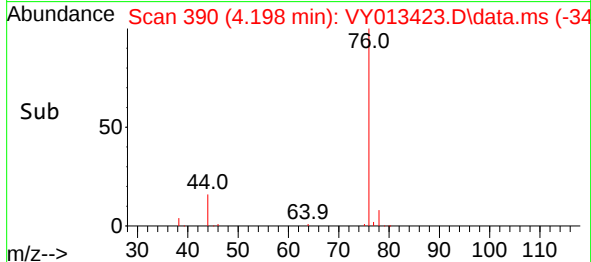
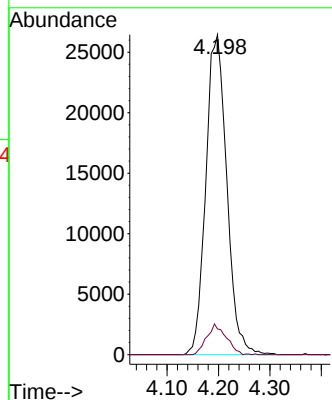
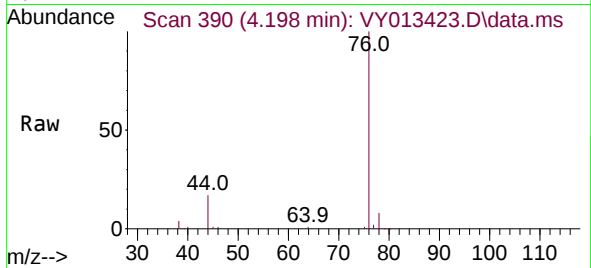




#17
Carbon Disulfide
Concen: 11.525 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013423.D
Acq: 25 Apr 2023 03:04

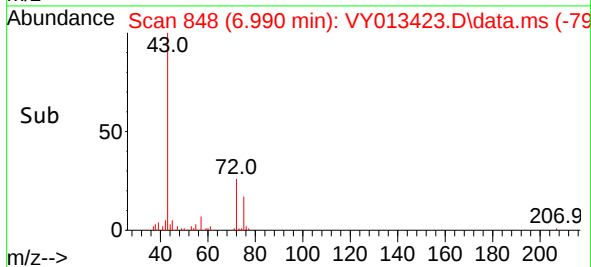
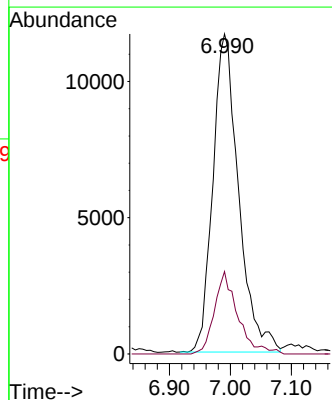
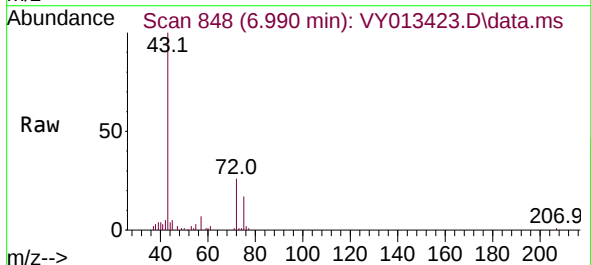
Instrument :
MSVOA_Y
ClientSampleId :
20230314-30-4

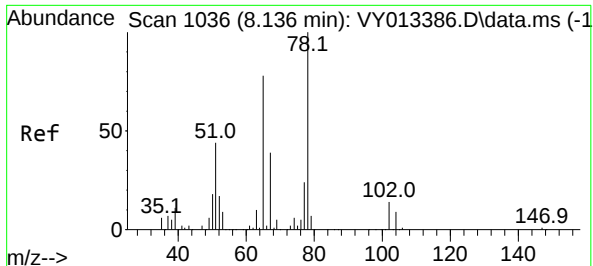
Tgt Ion: 76 Resp: 74795
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#25
2-Butanone
Concen: 32.528 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013423.D
Acq: 25 Apr 2023 03:04

Tgt Ion: 43 Resp: 34235
Ion Ratio Lower Upper
43 100
72 25.9 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 63.203 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013423.D

Acq: 25 Apr 2023 03:04

Instrument :

MSVOA_Y

ClientSampleId :

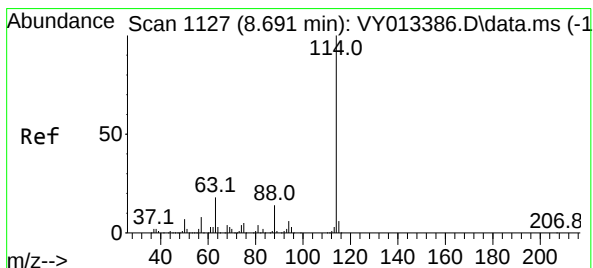
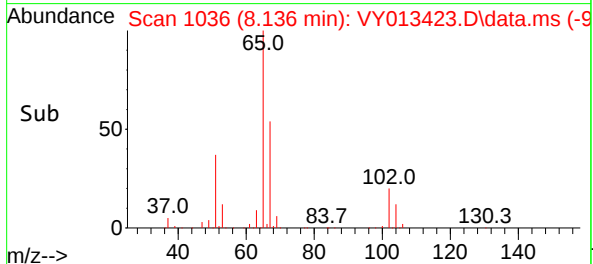
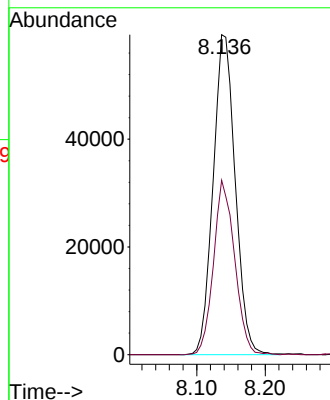
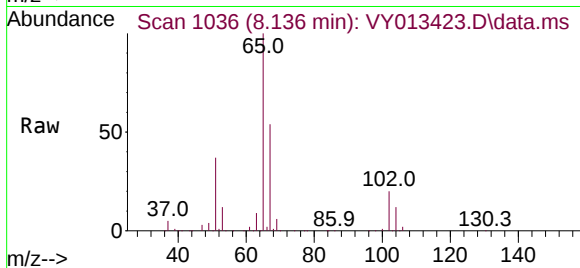
20230314-30-4

Tgt Ion: 65 Resp: 133192

Ion Ratio Lower Upper

65 100

67 52.0 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: VY013423.D

Acq: 25 Apr 2023 03:04

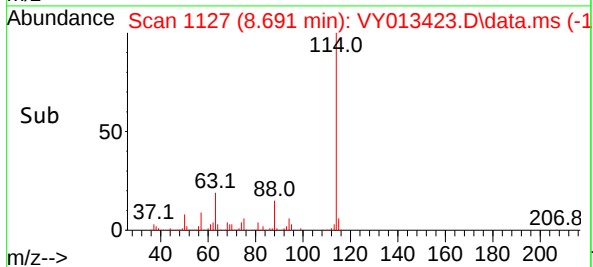
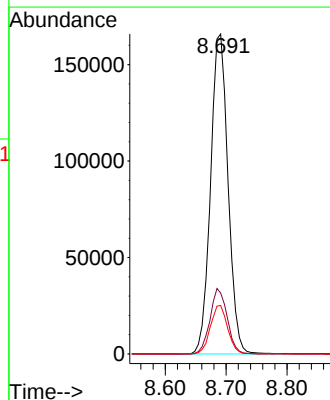
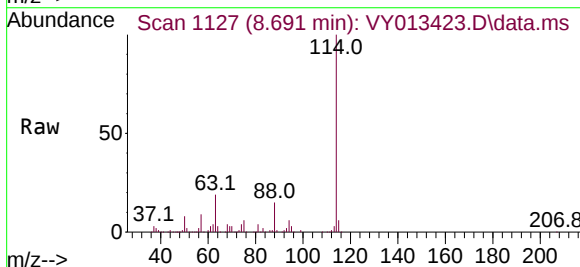
Tgt Ion: 114 Resp: 330294

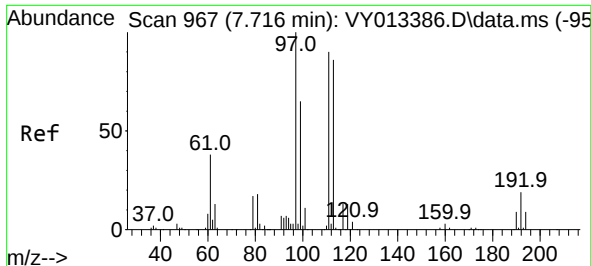
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.6

88 15.1 0.0 28.8

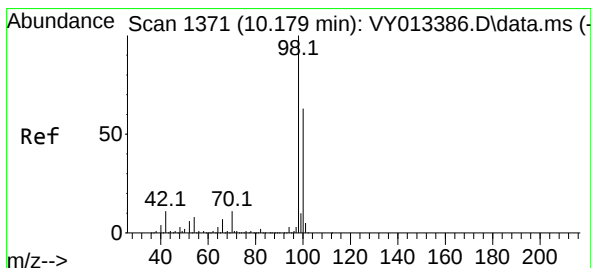
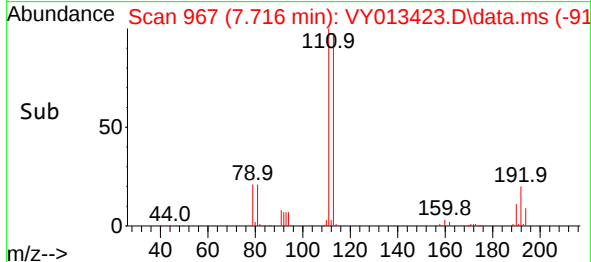
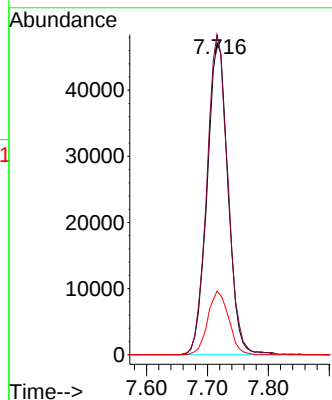
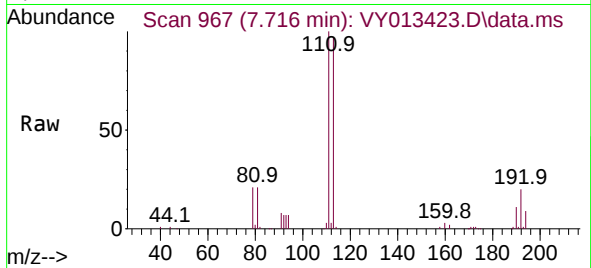




#35
Dibromofluoromethane
Concen: 54.128 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013423.D
Acq: 25 Apr 2023 03:04

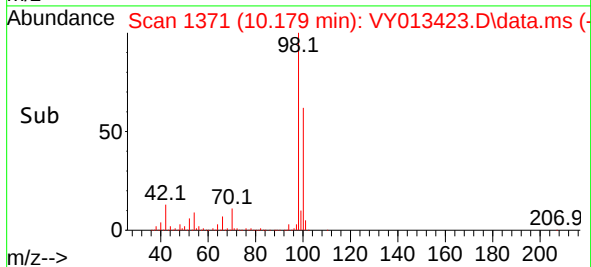
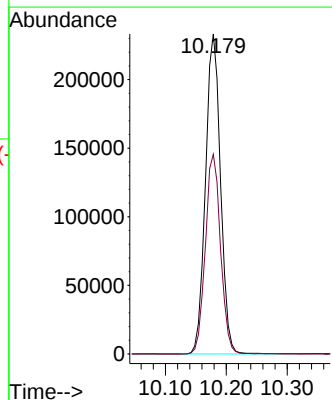
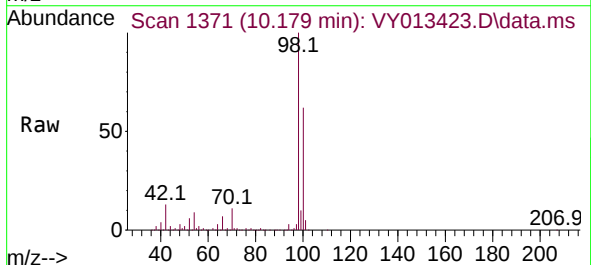
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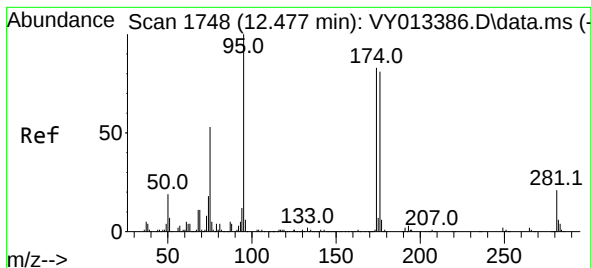
Tgt Ion:113 Resp: 112446
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.4 16.7 25.1



#50
Toluene-d8
Concen: 53.949 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013423.D
Acq: 25 Apr 2023 03:04

Tgt Ion: 98 Resp: 398694
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

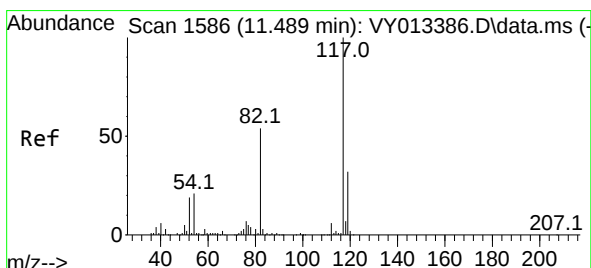
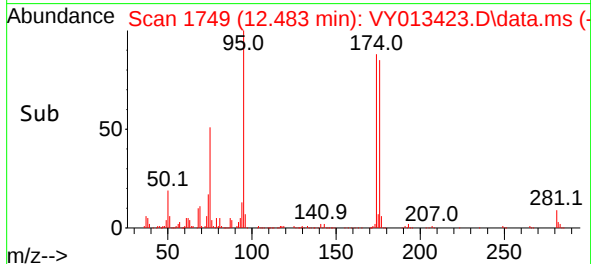
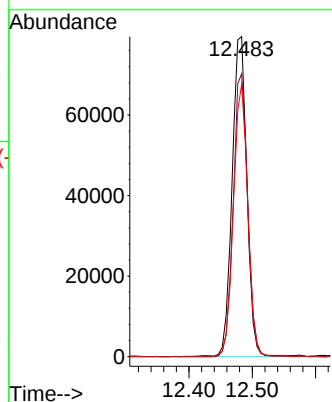
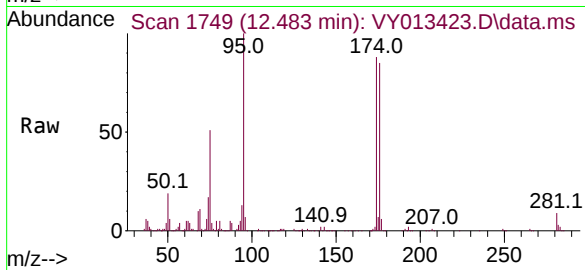




#62
4-Bromofluorobenzene
Concen: 51.764 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013423.D
Acq: 25 Apr 2023 03:04

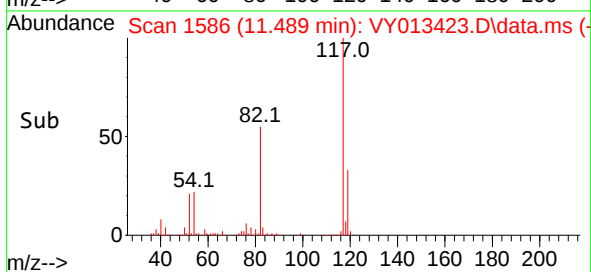
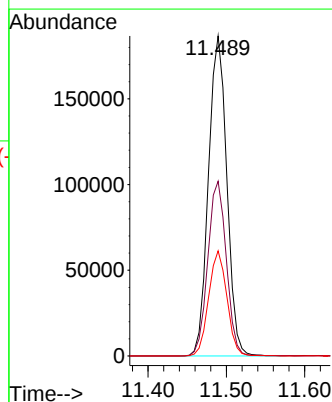
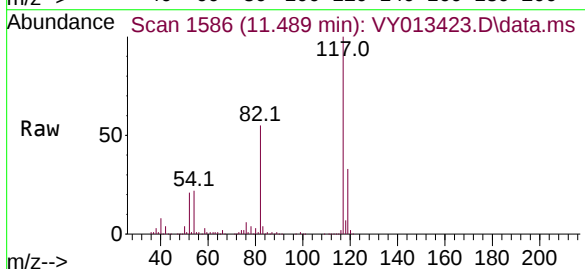
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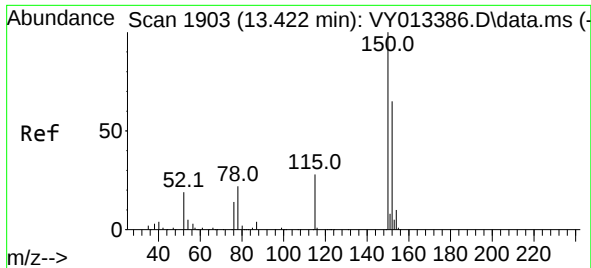
Tgt Ion: 95 Resp: 128964
Ion Ratio Lower Upper
95 100
174 86.8 0.0 182.0
176 82.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013423.D
Acq: 25 Apr 2023 03:04

Tgt Ion: 117 Resp: 303653
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.6
119 32.9 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: VY013423.D

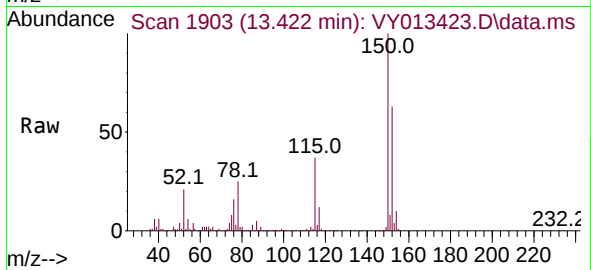
Acq: 25 Apr 2023 03:04

Instrument :

MSVOA_Y

ClientSampleId :

20230314-30-4



Tgt Ion:152 Resp: 133954

Ion Ratio Lower Upper

152 100

115 57.7 28.1 84.2

150 160.1 0.0 352.0

