

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013317.D
 Acq On : 14 Apr 2023 14:34
 Operator : KP/MD
 Sample : 02306-01
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230230-9-4

Quant Time: Apr 17 02:11:47 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)

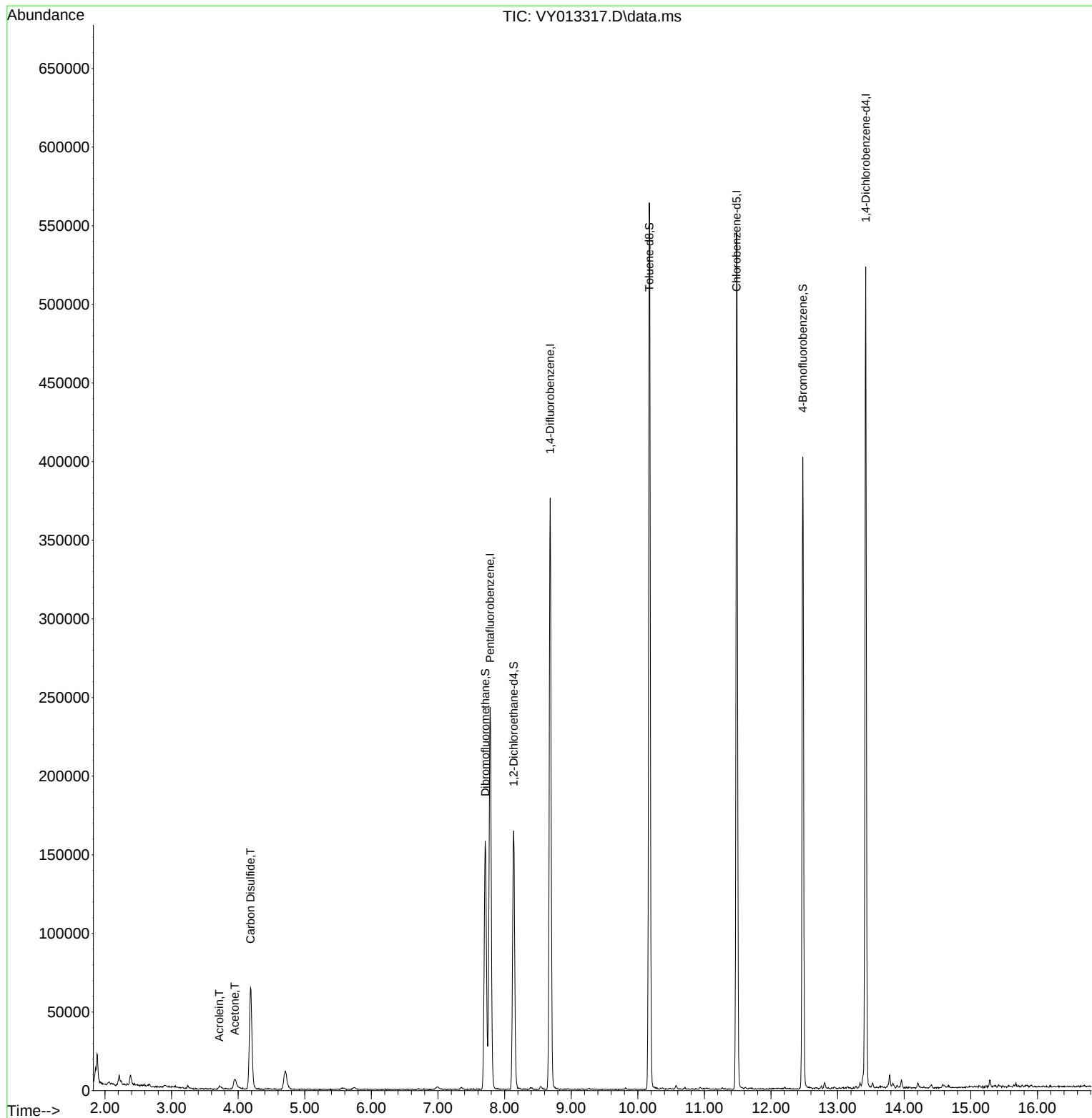
Internal Standards						
1) Pentafluorobenzene	7.782	168	191073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	287143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130009	56.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.709	113	111409	55.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.240%
50) Toluene-d8	10.172	98	383025	50.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.477	95	117901	48.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.460%
Target Compounds						
						Qvalue
13) Acrolein	3.716	56	2475	8.774	ug/l	# 54
16) Acetone	3.948	43	13621	17.252	ug/l	97
17) Carbon Disulfide	4.186	76	131412	22.200	ug/l	98

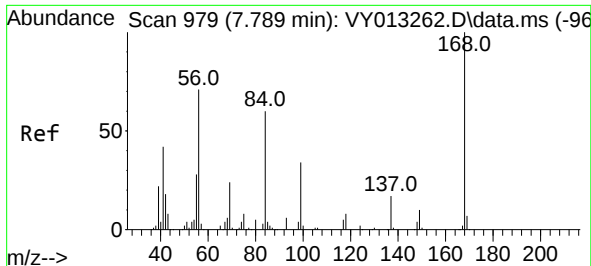
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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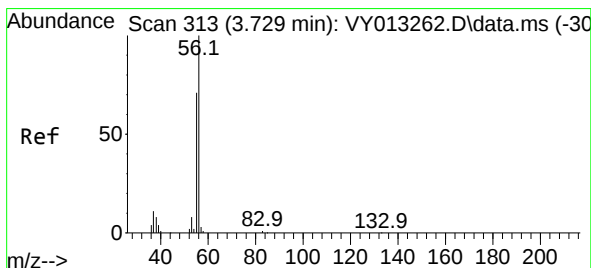
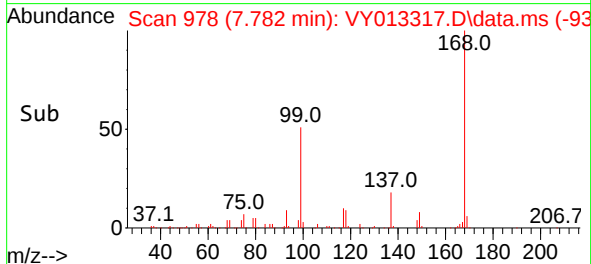
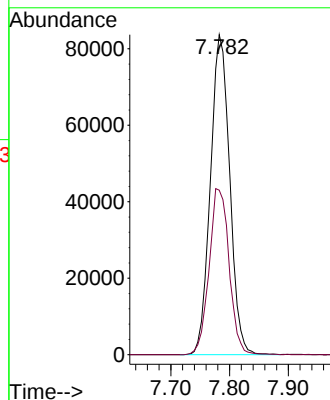
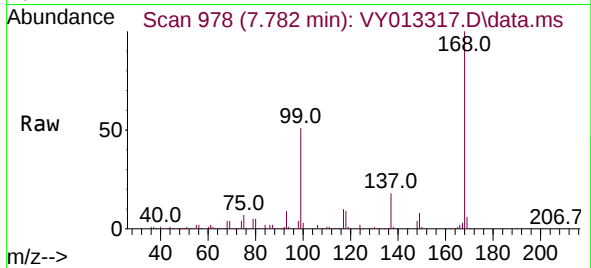




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY013317.D
Acq: 14 Apr 2023 14:34

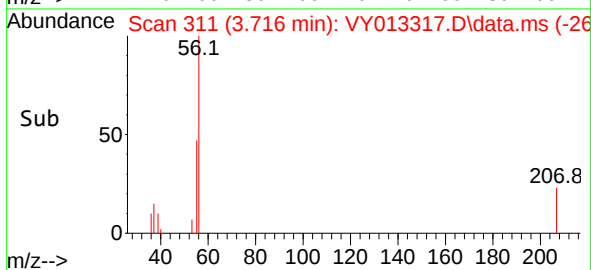
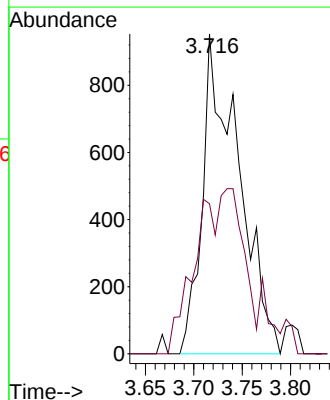
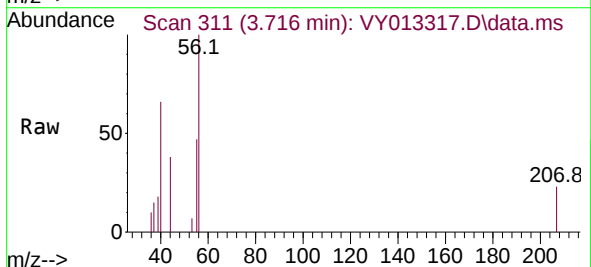
Instrument :
MSVOA_Y
ClientSampleId :
20230230-9-4

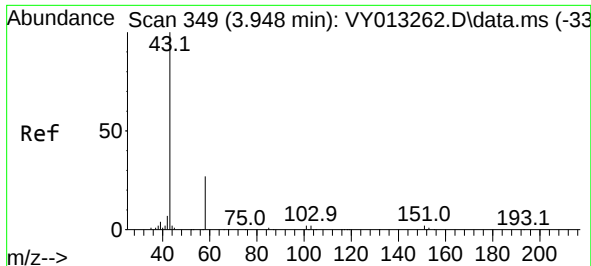
Tgt Ion:168 Resp: 191073
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#13
Acrolein
Concen: 8.774 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.013 min
Lab File: VY013317.D
Acq: 14 Apr 2023 14:34

Tgt Ion: 56 Resp: 2475
Ion Ratio Lower Upper
56 100
55 32.6 56.8 85.2#





#16

Acetone

Concen: 17.252 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.001 min

Lab File: VY013317.D

Acq: 14 Apr 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

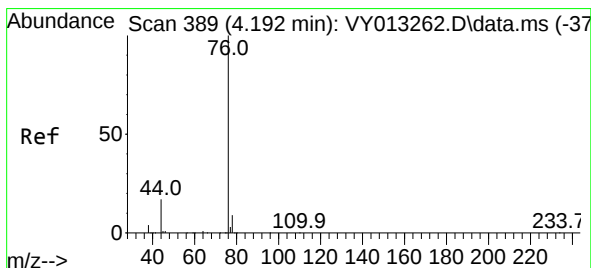
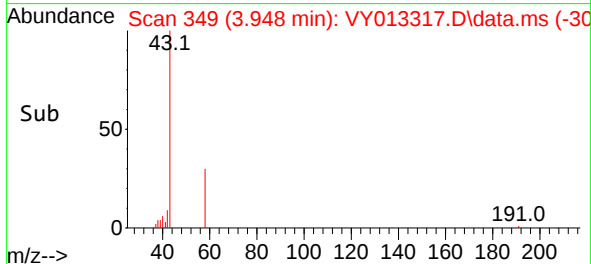
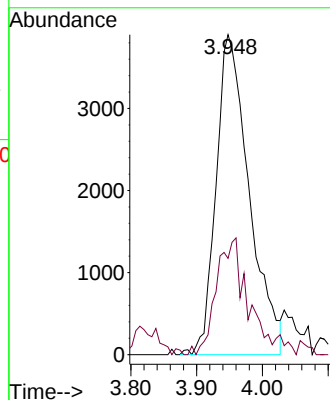
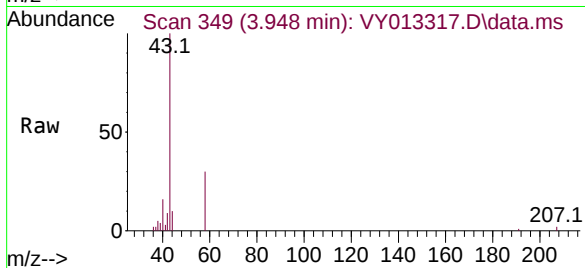
20230230-9-4

Tgt Ion: 43 Resp: 13621

Ion Ratio Lower Upper

43 100

58 28.7 24.2 36.2



#17

Carbon Disulfide

Concen: 22.200 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.007 min

Lab File: VY013317.D

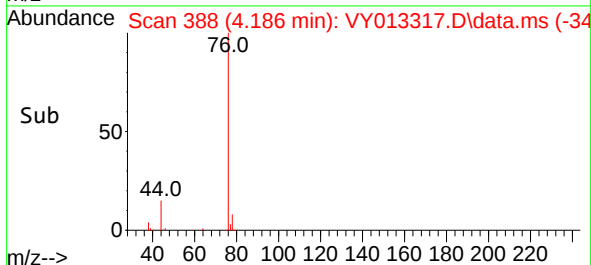
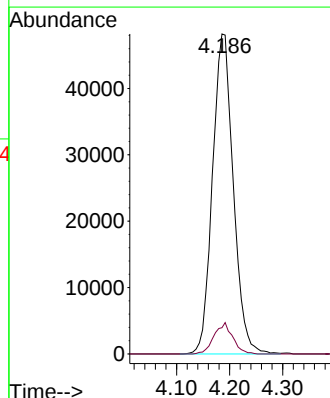
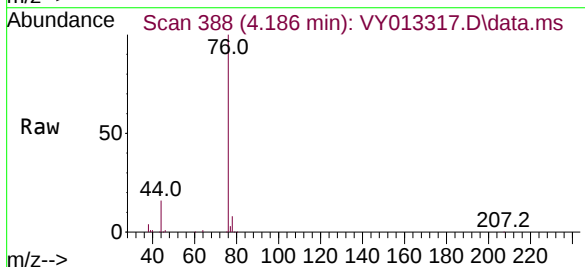
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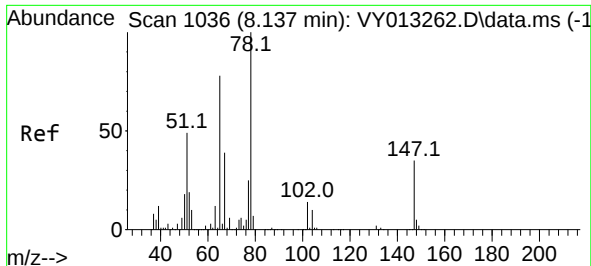
Tgt Ion: 76 Resp: 131412

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7

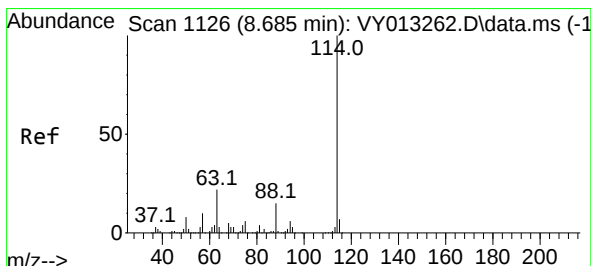
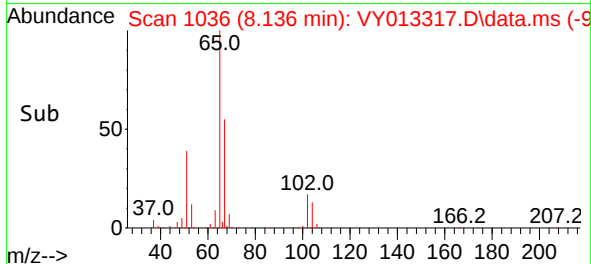
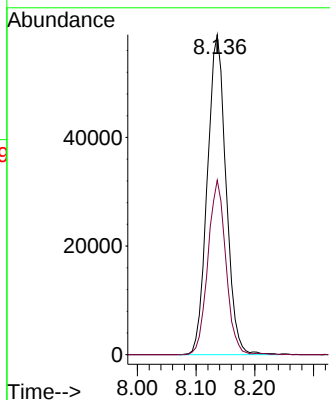
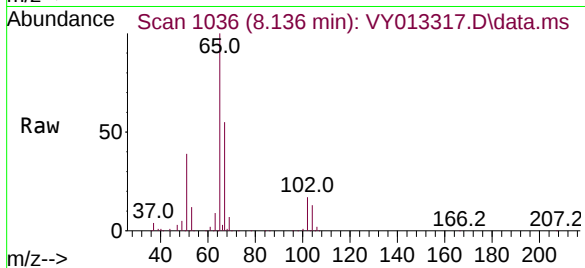




#33
1,2-Dichloroethane-d4
Concen: 56.618 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY013317.D
Acq: 14 Apr 2023 14:34

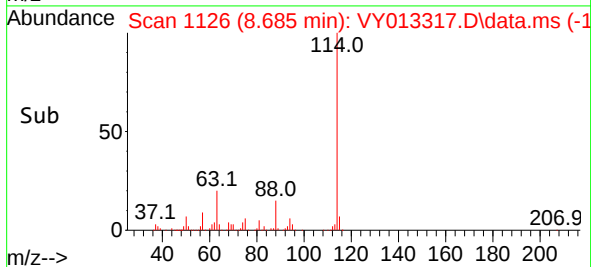
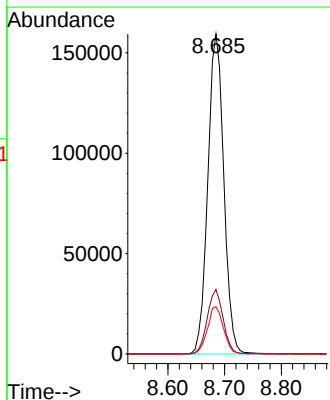
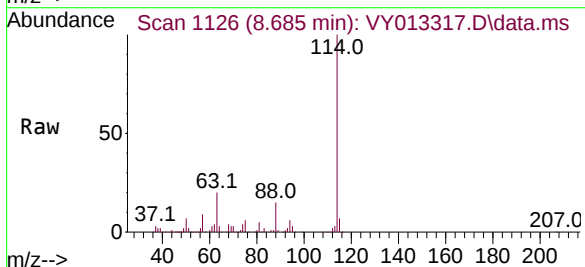
Instrument :
MSVOA_Y
ClientSampleId :
20230230-9-4

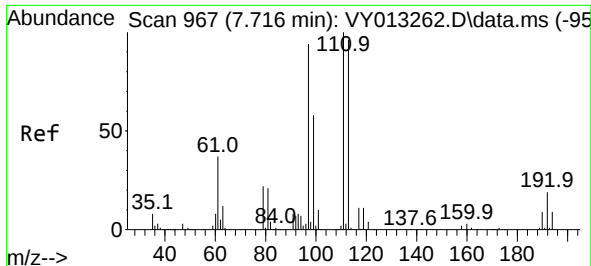
Tgt Ion: 65 Resp: 130009
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VY013317.D
Acq: 14 Apr 2023 14:34

Tgt Ion: 114 Resp: 312223
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.8 0.0 28.6

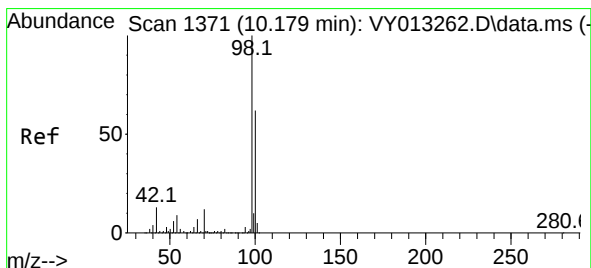
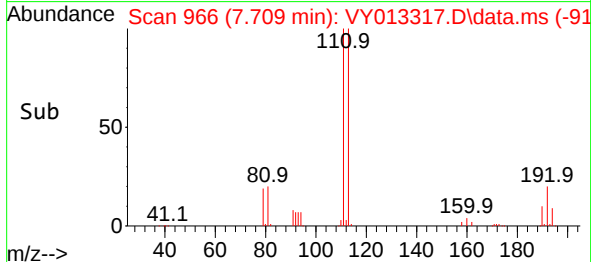
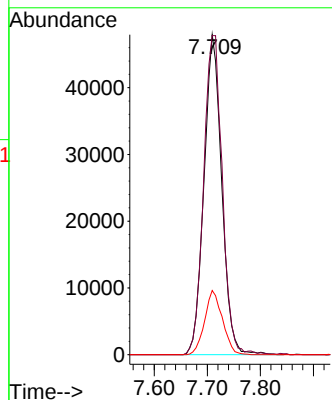
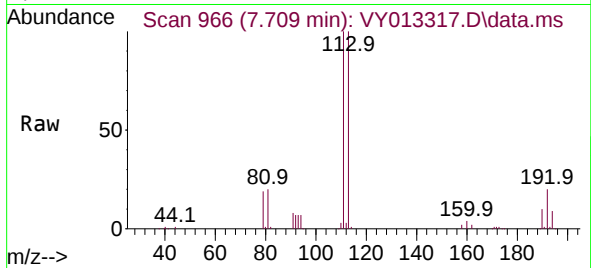




#35
 Dibromofluoromethane
 Concen: 55.117 ug/l
 RT: 7.709 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VY013317.D
 Acq: 14 Apr 2023 14:34

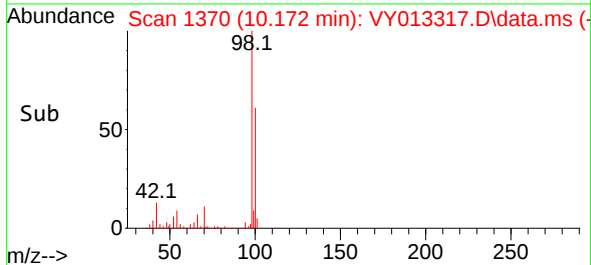
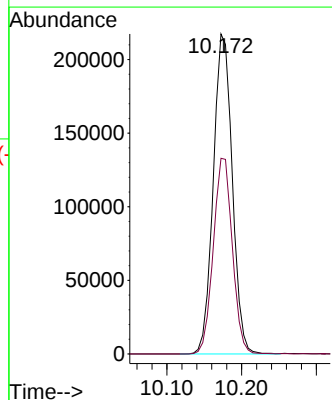
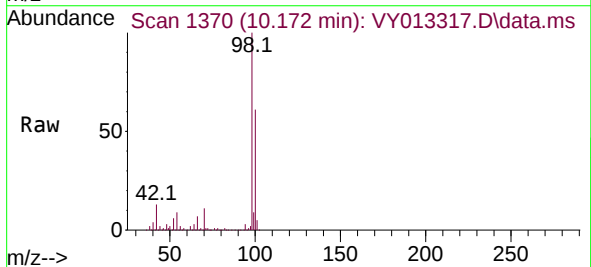
Instrument :
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 ClientSampleId :
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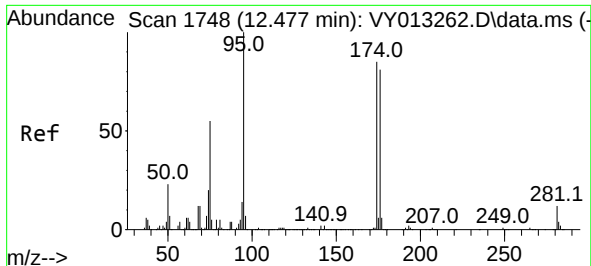
Tgt Ion:113 Resp: 111409
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.2 123.2
 192 20.1 16.8 25.2



#50
 Toluene-d8
 Concen: 50.909 ug/l
 RT: 10.172 min Scan# 1370
 Delta R.T. -0.007 min
 Lab File: VY013317.D
 Acq: 14 Apr 2023 14:34

Tgt Ion: 98 Resp: 383025
 Ion Ratio Lower Upper
 98 100
 100 61.4 50.9 76.3

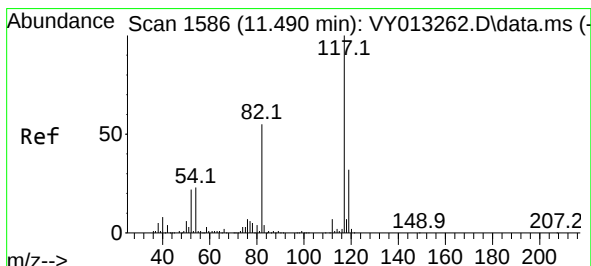
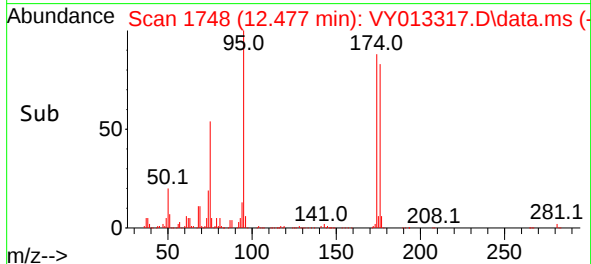
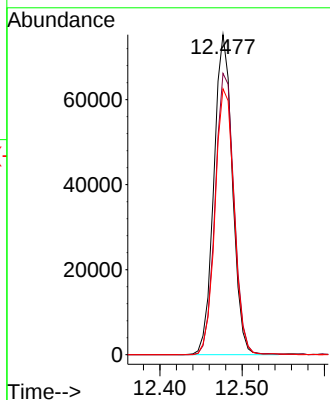
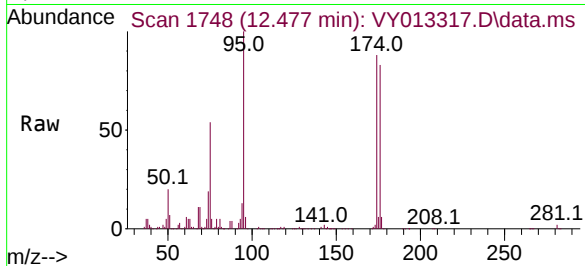




#62
4-Bromofluorobenzene
Concen: 48.230 ug/l
RT: 12.477 min Scan# 117901
Delta R.T. -0.001 min
Lab File: VY013317.D
Acq: 14 Apr 2023 14:34

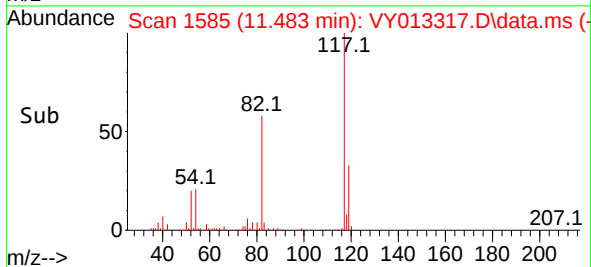
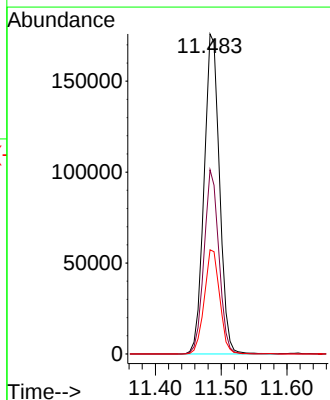
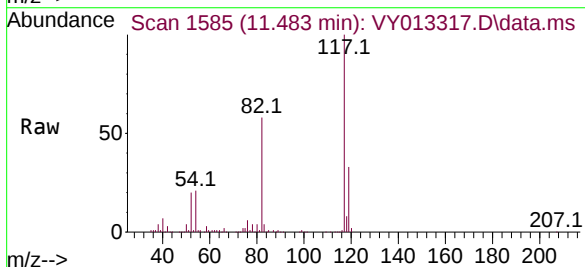
Instrument :
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ClientSampleId :
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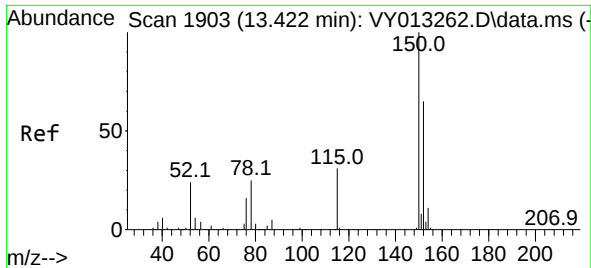
Tgt Ion: 95 Resp: 117901
Ion Ratio Lower Upper
95 100
174 90.0 0.0 176.6
176 85.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY013317.D
Acq: 14 Apr 2023 14:34

Tgt Ion: 117 Resp: 287143
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 32.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.001 min

Lab File: VY013317.D

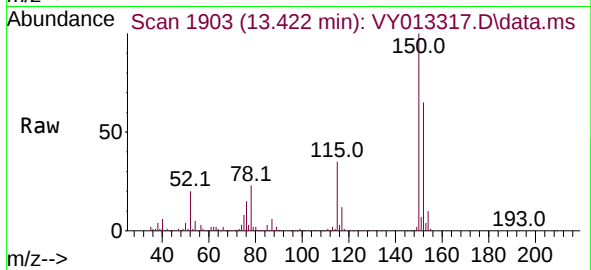
Acq: 14 Apr 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

20230230-9-4



Tgt Ion:152 Resp: 130841

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 155.3 0.0 347.8

