

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013280.D
 Acq On : 12 Apr 2023 20:29
 Operator : KP/MD
 Sample : 02283-10
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230241-12-3

Quant Time: Apr 13 06:20:38 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)

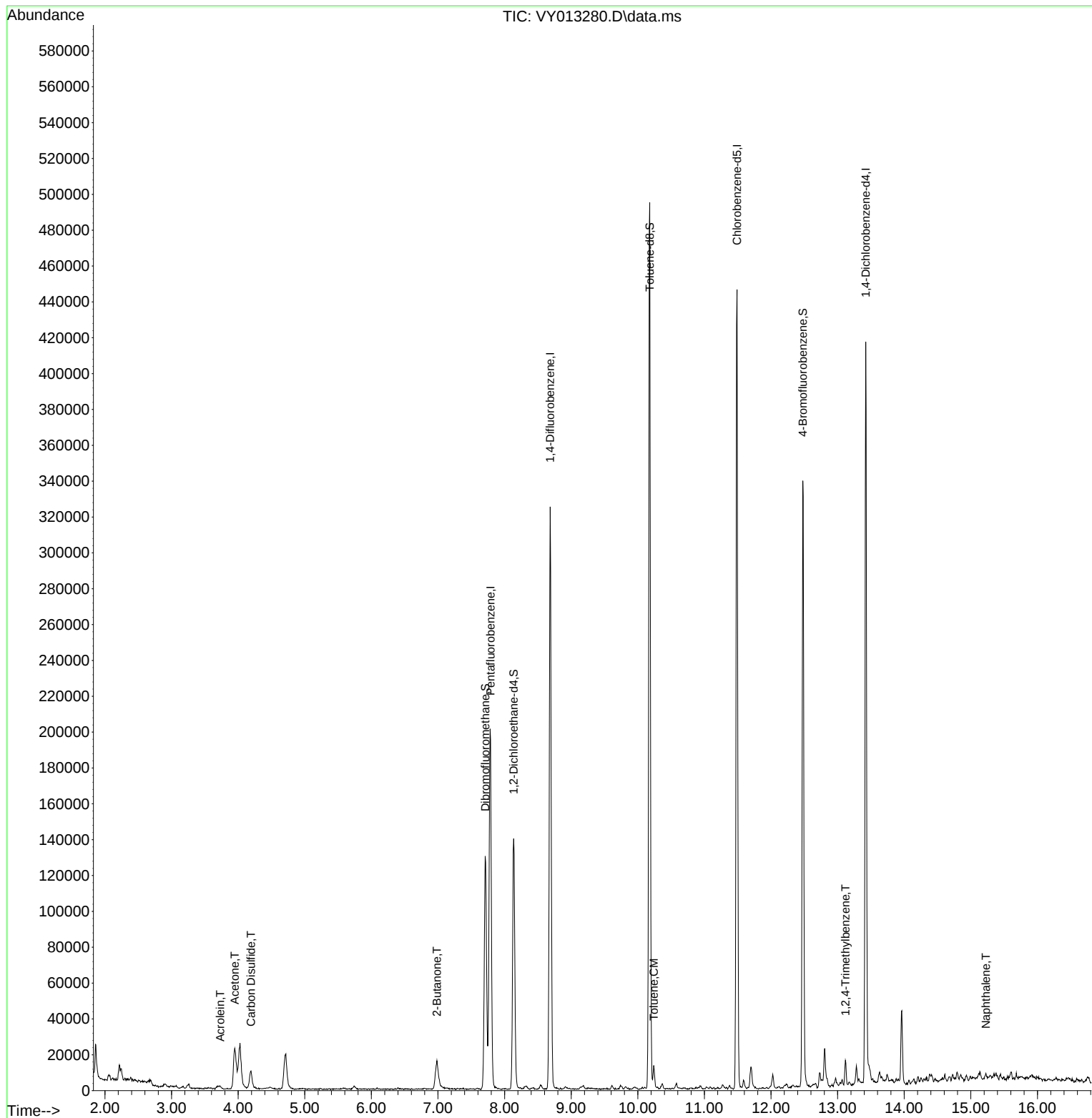
Internal Standards						
1) Pentafluorobenzene	7.789	168	155151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	258031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110247	59.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.260%	
35) Dibromofluoromethane	7.710	113	90235	54.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.040%	
50) Toluene-d8	10.179	98	318435	51.214	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.477	95	93355	46.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.420%	
Target Compounds						
						Qvalue
13) Acrolein	3.729	56	1449	6.326	ug/l	98
16) Acetone	3.948	43	52608	82.061	ug/l	93
17) Carbon Disulfide	4.192	76	18887	3.929	ug/l	99
25) 2-Butanone	6.984	43	19018	23.169	ug/l #	89
52) Toluene	10.240	92	4450	1.006	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	7093	1.258	ug/l	98
95) Naphthalene	15.226	128	1529	3.528	ug/l #	88

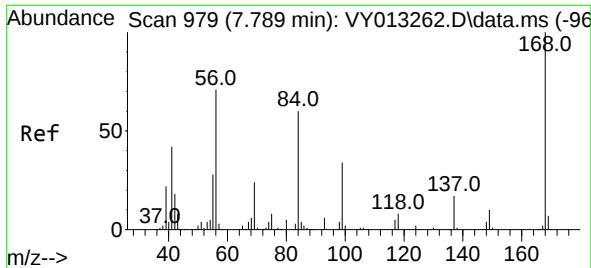
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
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20230241-12-3

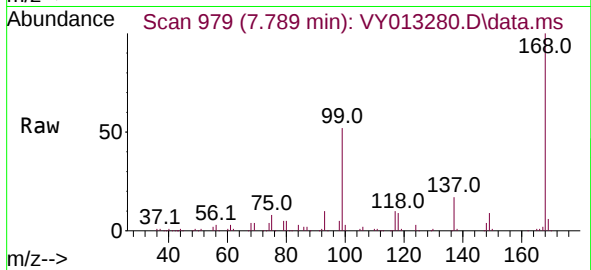
Quant Time: Apr 13 06:20:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



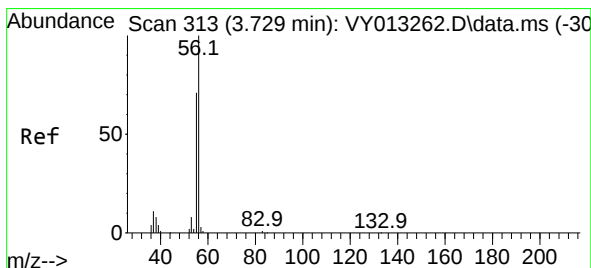
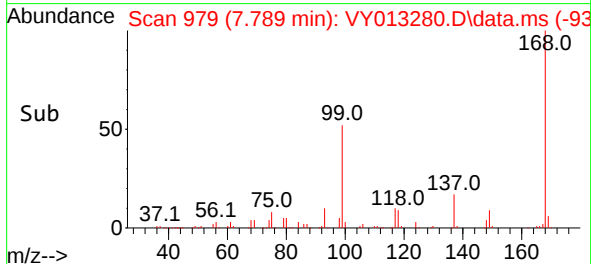
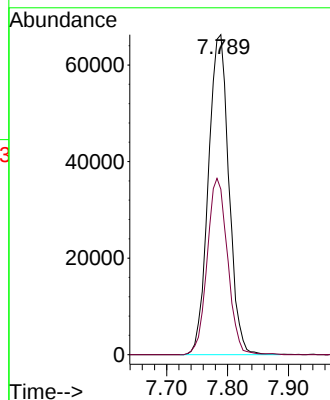


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

Instrument :
MSVOA_Y
ClientSampleId :
20230241-12-3

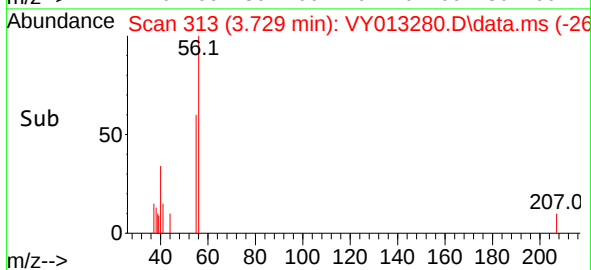
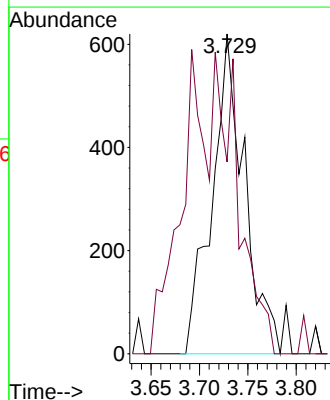
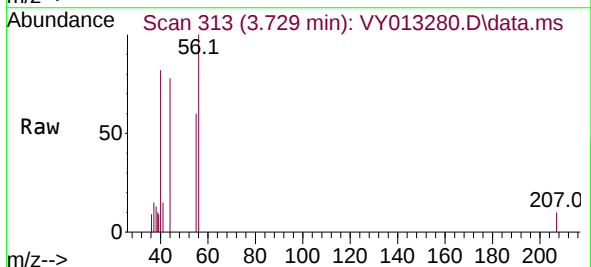


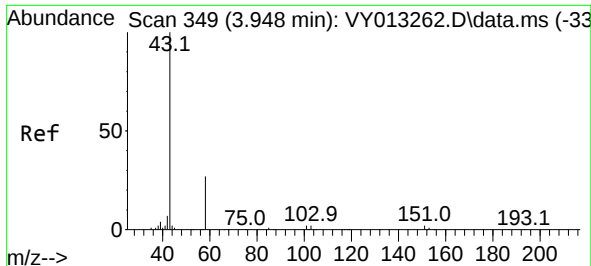
Tgt Ion:168 Resp: 155151
Ion Ratio Lower Upper
168 100
99 51.7 41.7 62.5



#13
Acrolein
Concen: 6.326 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

Tgt Ion: 56 Resp: 1449
Ion Ratio Lower Upper
56 100
55 72.6 56.8 85.2





#16

Acetone

Concen: 82.061 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY013280.D

Acq: 12 Apr 2023 20:29

Instrument :

MSVOA_Y

ClientSampleId :

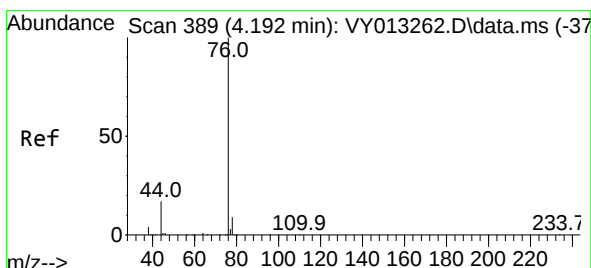
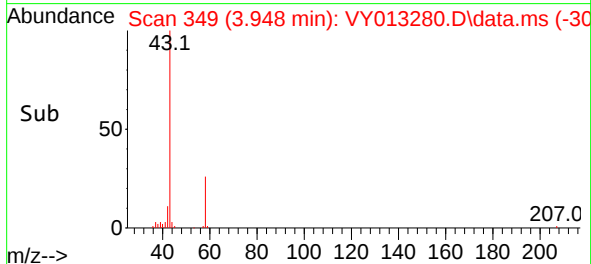
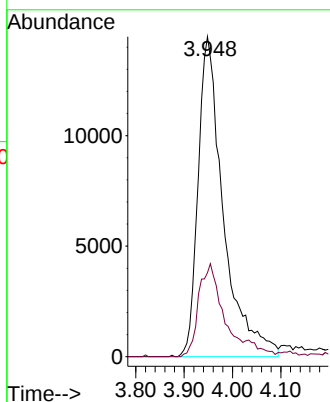
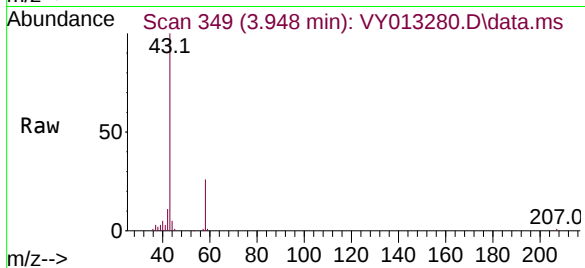
20230241-12-3

Tgt Ion: 43 Resp: 52608

Ion Ratio Lower Upper

43 100

58 26.2 24.2 36.2



#17

Carbon Disulfide

Concen: 3.929 ug/l

RT: 4.192 min Scan# 389

Delta R.T. -0.000 min

Lab File: VY013280.D

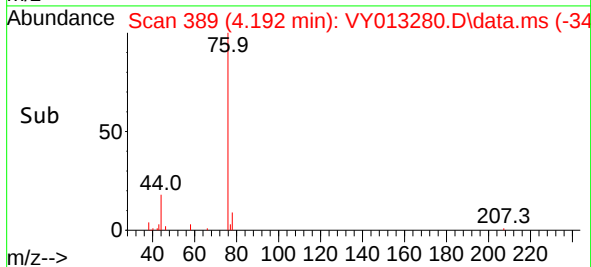
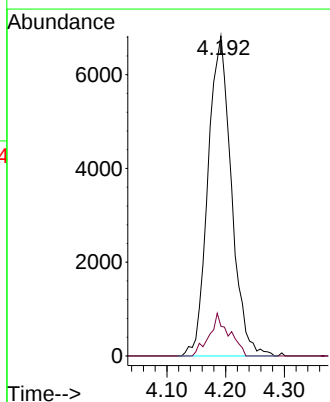
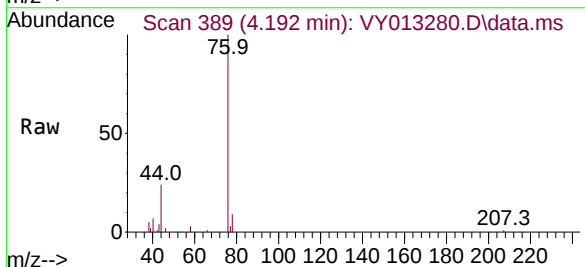
Acq: 12 Apr 2023 20:29

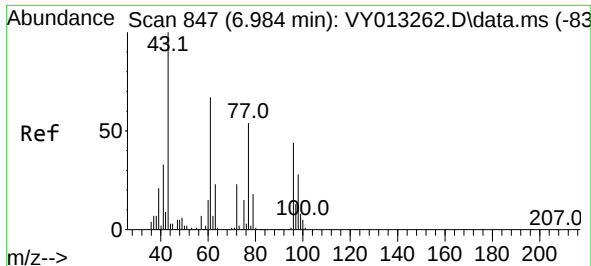
Tgt Ion: 76 Resp: 18887

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

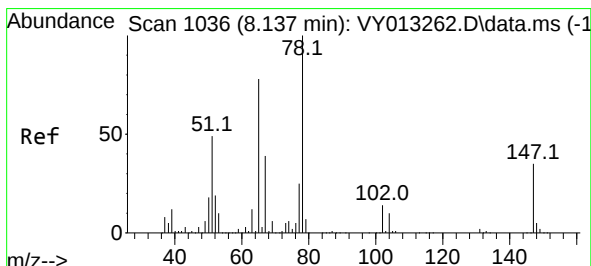
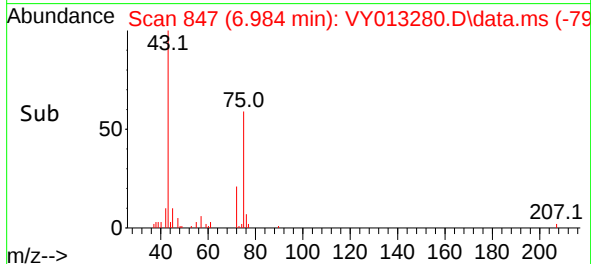
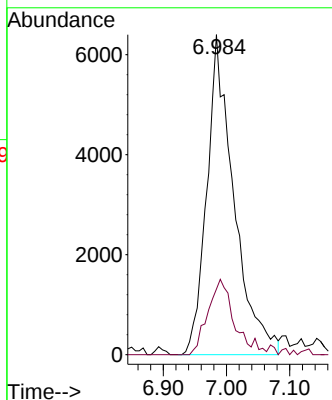
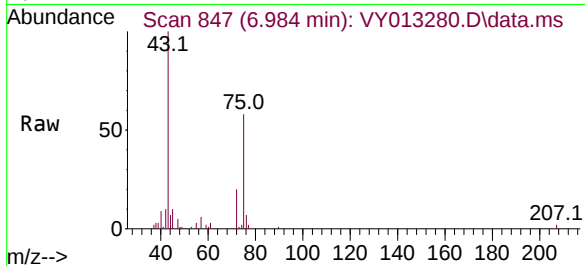




#25
2-Butanone
Concen: 23.169 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

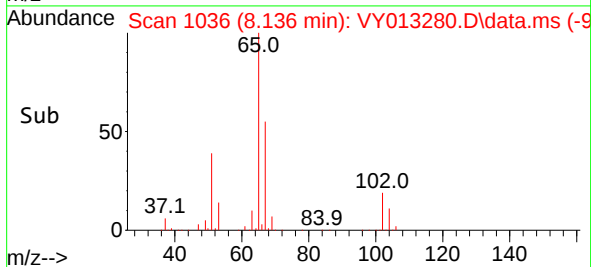
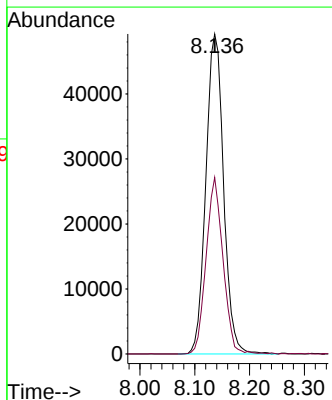
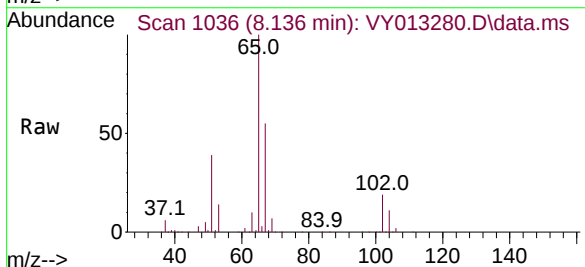
Instrument :
MSVOA_Y
ClientSampleId :
20230241-12-3

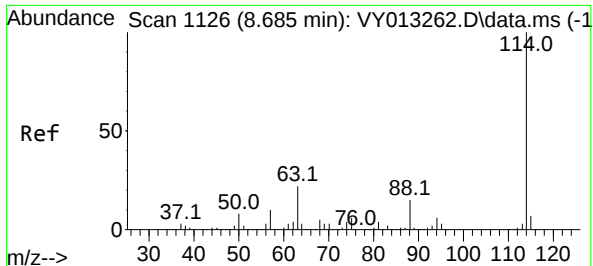
Tgt Ion: 43 Resp: 19018
Ion Ratio Lower Upper
43 100
72 20.5 21.0 31.4#



#33
1,2-Dichloroethane-d4
Concen: 59.128 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

Tgt Ion: 65 Resp: 110247
Ion Ratio Lower Upper
65 100
67 52.6 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: VY013280.D

Acq: 12 Apr 2023 20:29

Instrument :

MSVOA_Y

ClientSampleId :

20230241-12-3

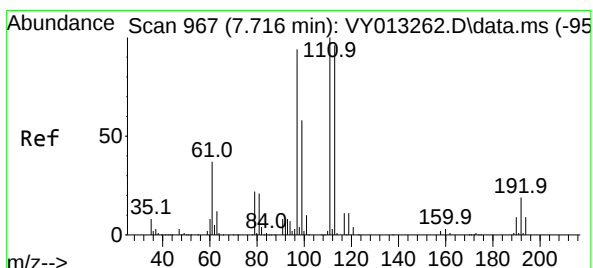
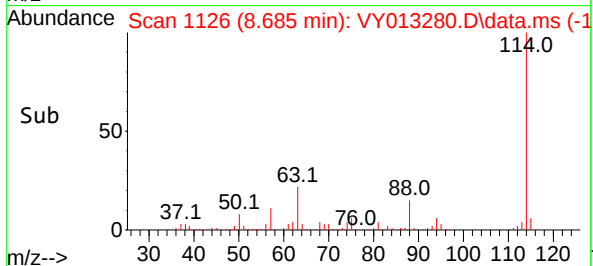
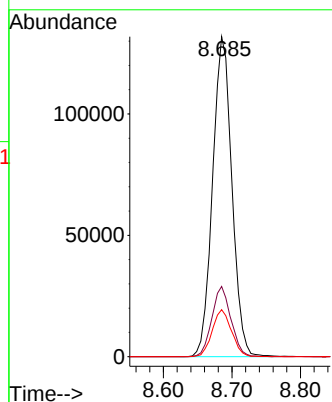
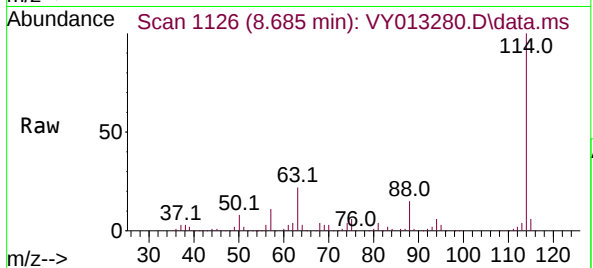
Tgt Ion:114 Resp: 258031

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.4

88 14.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.018 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013280.D

Acq: 12 Apr 2023 20:29

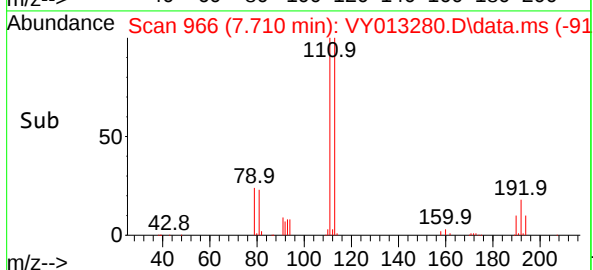
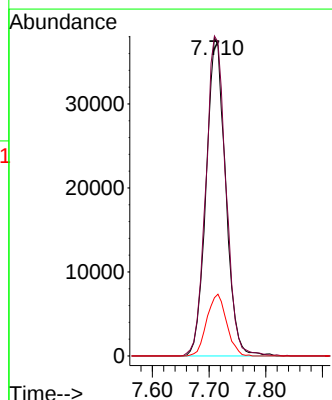
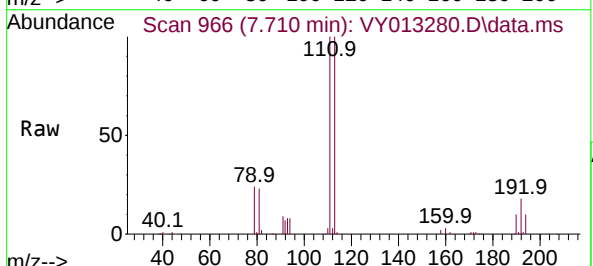
Tgt Ion:113 Resp: 90235

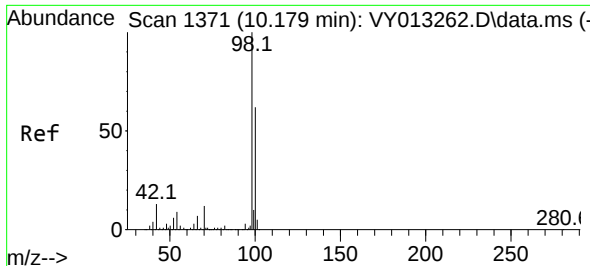
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 19.8 16.8 25.2

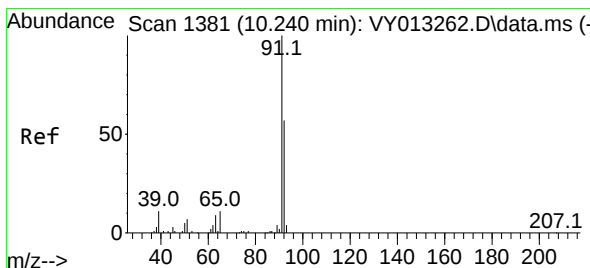
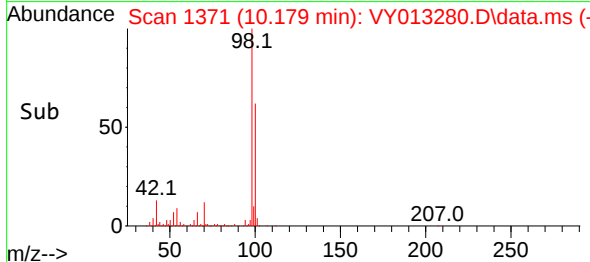
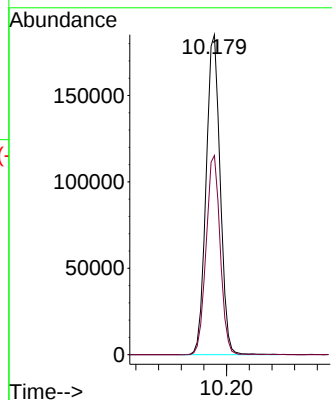
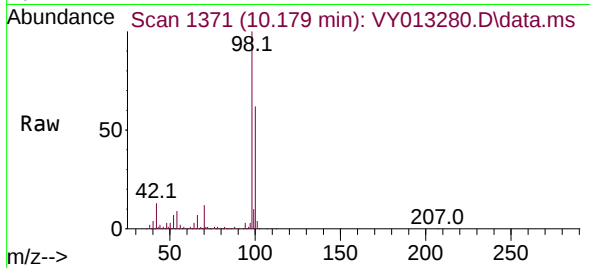




#50
Toluene-d8
Concen: 51.214 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

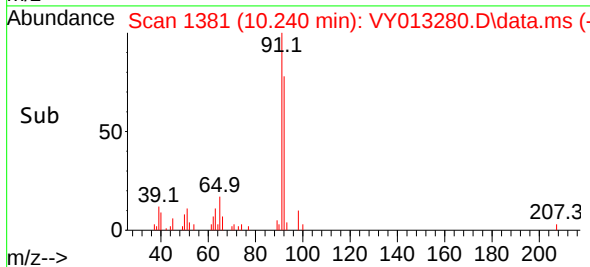
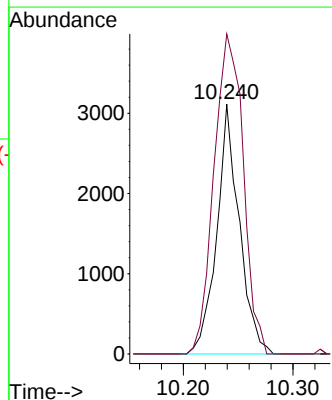
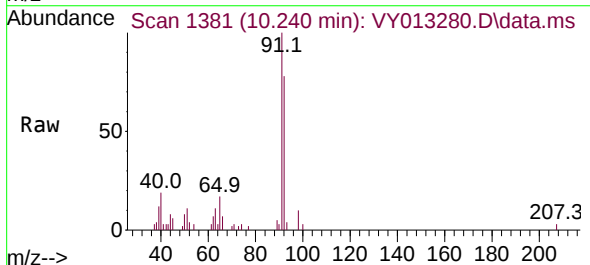
Instrument :
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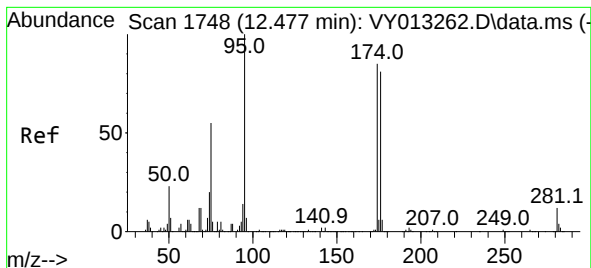
Tgt Ion: 98 Resp: 318435
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#52
Toluene
Concen: 1.006 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

Tgt Ion: 92 Resp: 4450
Ion Ratio Lower Upper
92 100
91 166.1 141.3 211.9

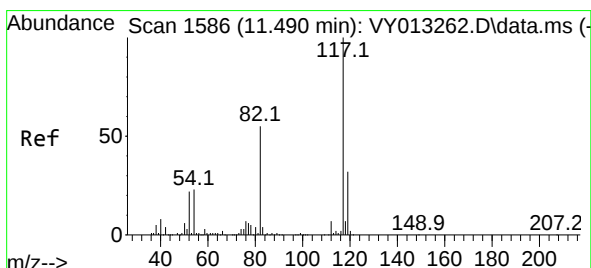
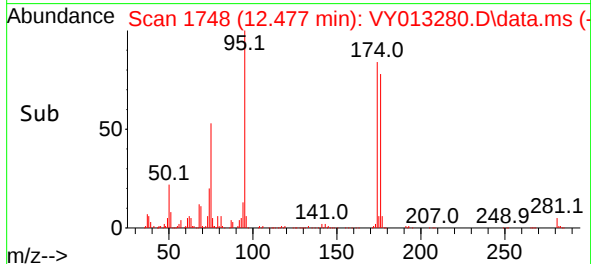
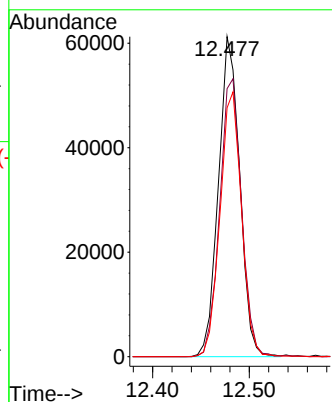
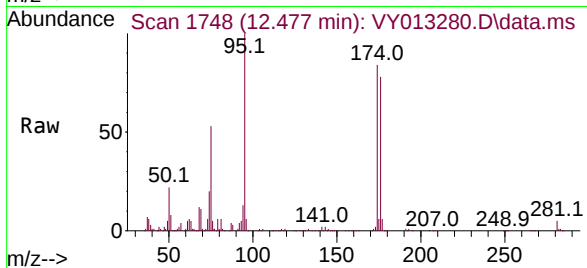




#62
4-Bromofluorobenzene
Concen: 46.210 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

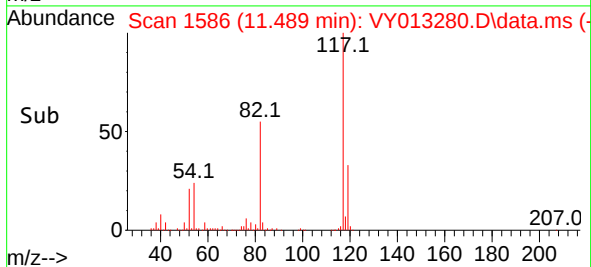
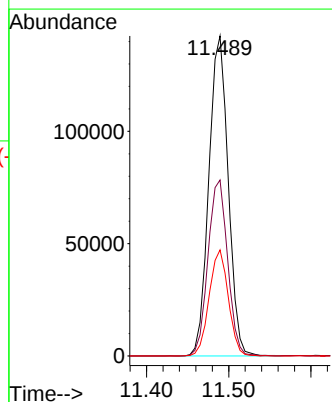
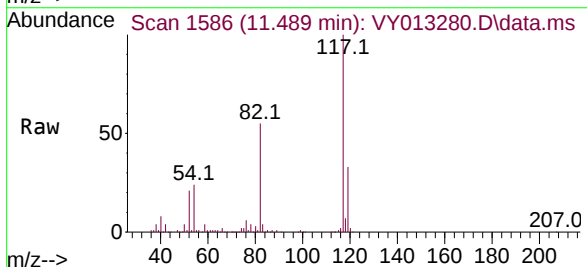
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20230241-12-3

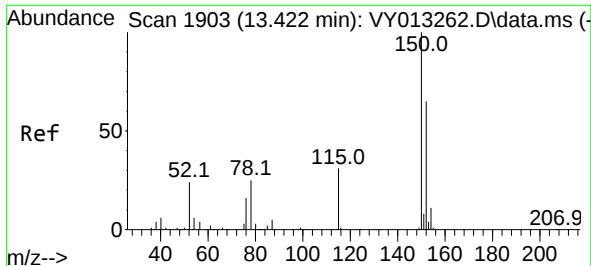
Tgt Ion: 95 Resp: 93355
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 83.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

Tgt Ion: 117 Resp: 233048
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 33.2 25.6 38.4

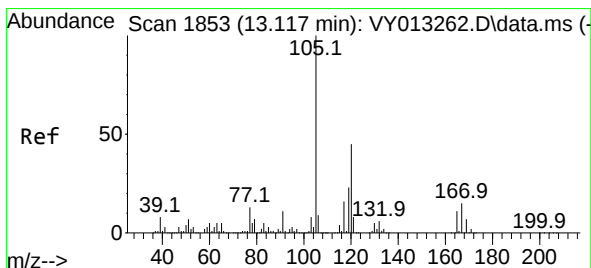
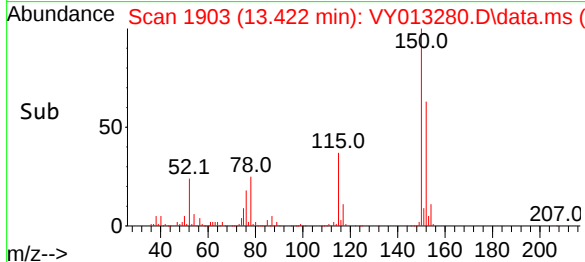
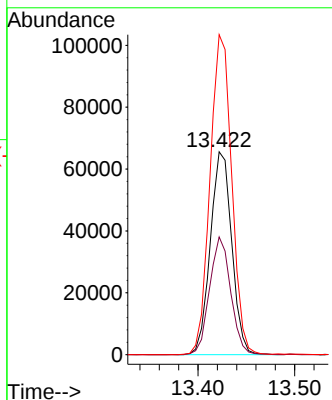
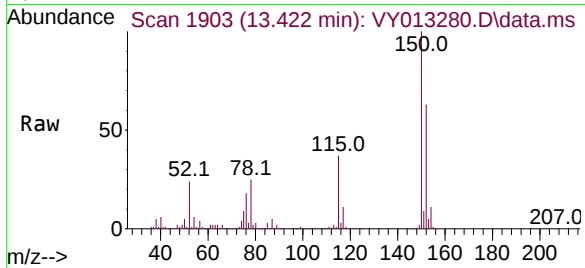




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013280.D
 Acq: 12 Apr 2023 20:29

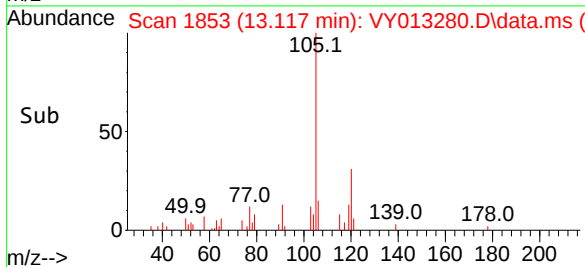
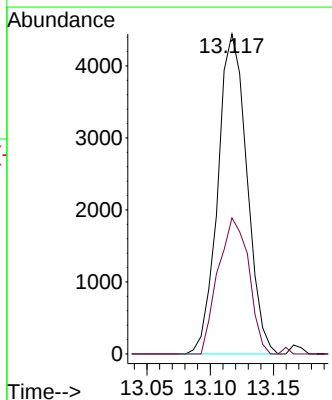
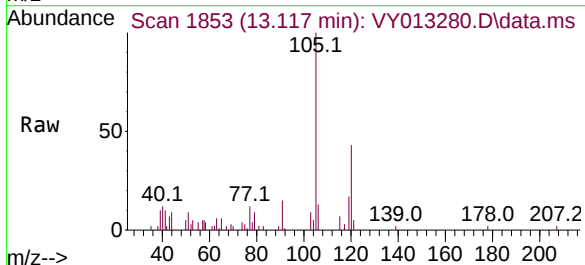
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230241-12-3

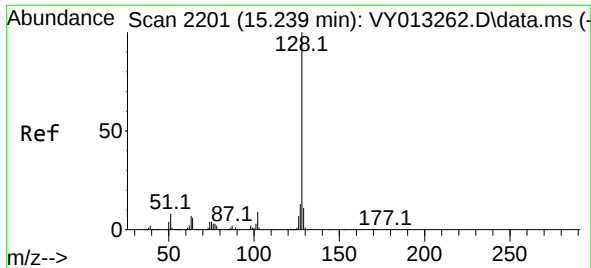
Tgt Ion:152 Resp: 100848
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.1 81.3
 150 159.3 0.0 347.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.258 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY013280.D
 Acq: 12 Apr 2023 20:29

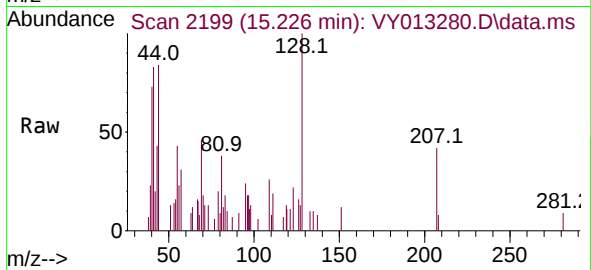
Tgt Ion:105 Resp: 7093
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.0 69.0





#95
Naphthalene
Concen: 3.528 ug/l
RT: 15.226 min Scan# 21
Delta R.T. -0.013 min
Lab File: VY013280.D
Acq: 12 Apr 2023 20:29

Instrument :
MSVOA_Y
ClientSampleId :
20230241-12-3



Tgt Ion	Ratio	Lower	Upper
128	100		
127	19.2	10.3	15.5#
129	8.1	8.6	13.0#

