

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013471.D
 Acq On : 26 Apr 2023 14:19
 Operator : KP/MD
 Sample : 02401-04
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230248-14-2

Quant Time: Apr 27 01:32:55 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)

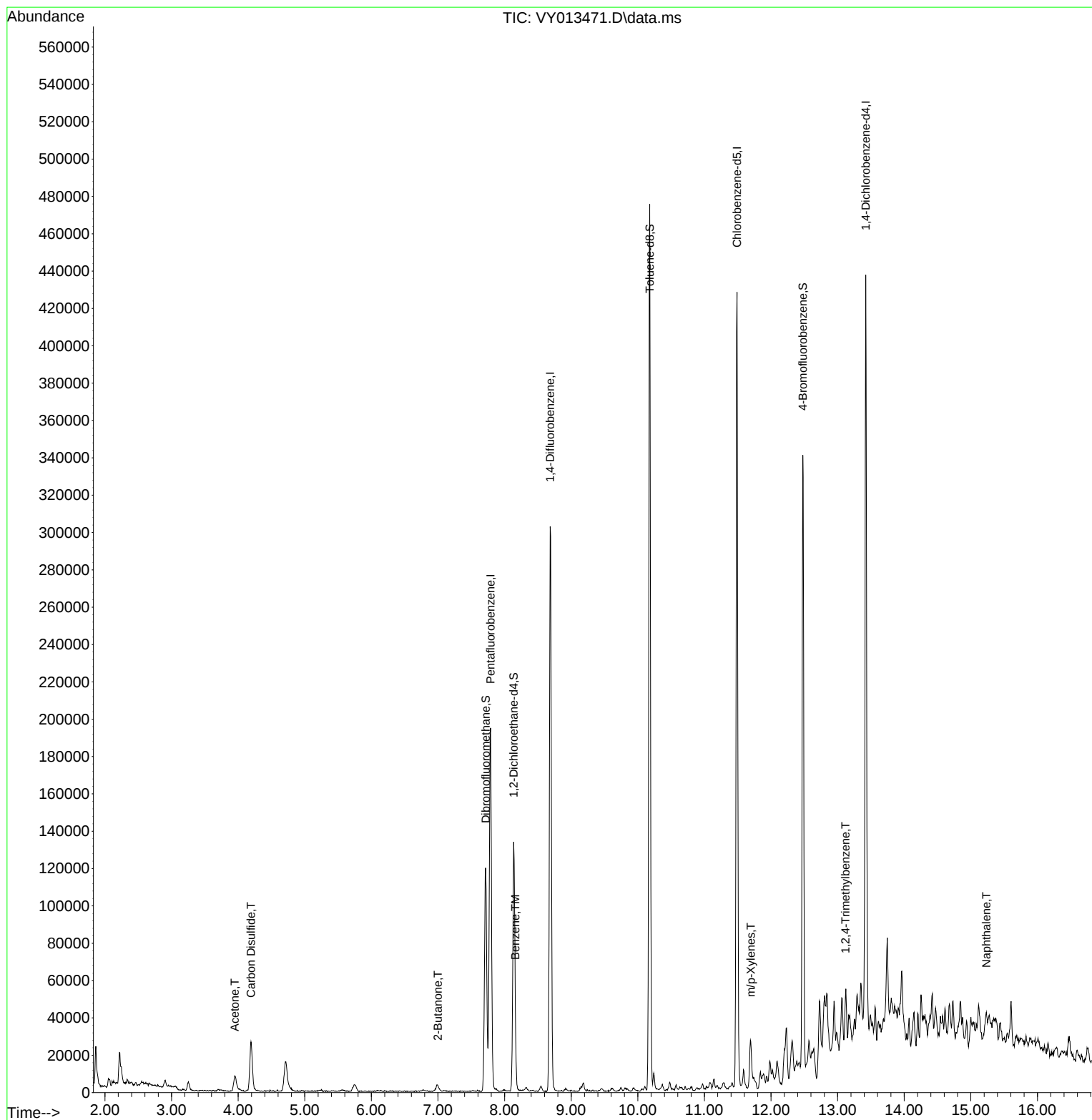
Internal Standards						
1) Pentafluorobenzene	7.789	168	139604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	216353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96857	63.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.580%	
35) Dibromofluoromethane	7.716	113	82892	54.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.179	98	298918	54.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	12.477	95	96074	52.362	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.720%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	16466	27.322	ug/l	91
17) Carbon Disulfide	4.192	76	51921	11.017	ug/l	100
25) 2-Butanone	6.996	43	4665	6.103	ug/l #	88
40) Benzene	8.161	78	7158	1.001	ug/l	97
68) m/p-Xylenes	11.697	106	5228	1.662	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	9470	1.669	ug/l	100
95) Naphthalene	15.233	128	7355	1.907	ug/l #	88

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

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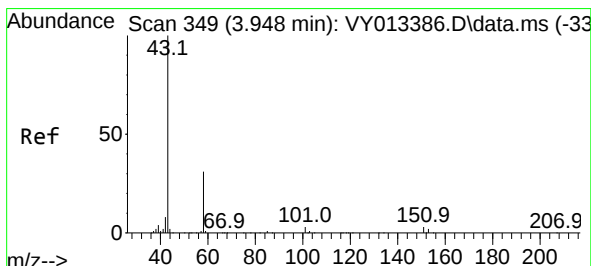
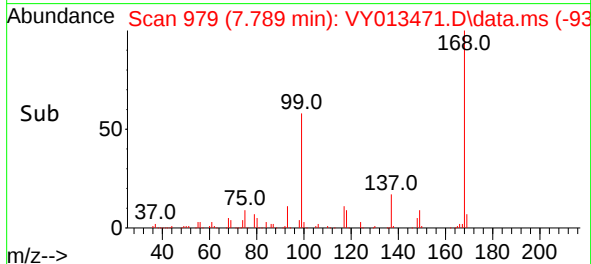
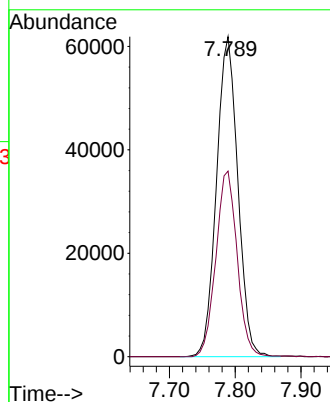
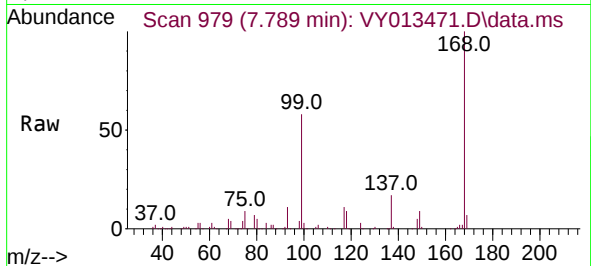




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013471.D
Acq: 26 Apr 2023 14:19

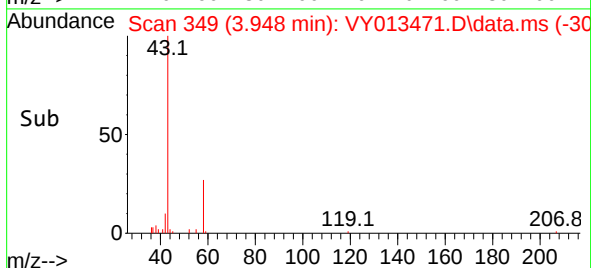
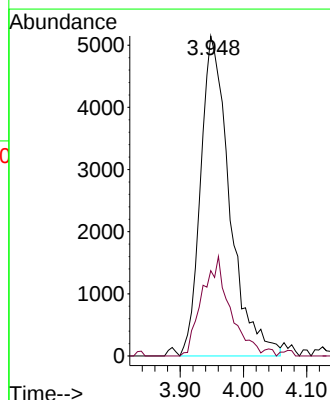
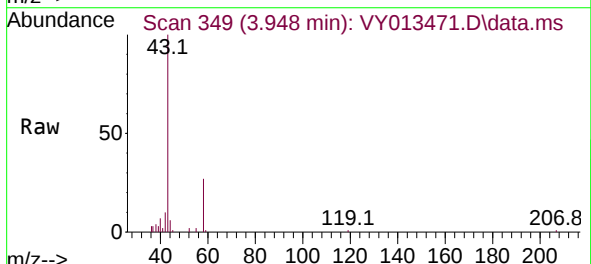
Instrument :
MSVOA_Y
ClientSampleId :
20230248-14-2

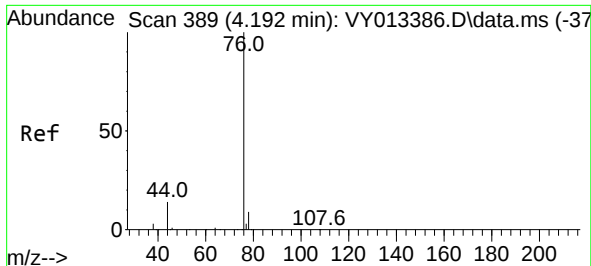
Tgt Ion:168 Resp: 139604
Ion Ratio Lower Upper
168 100
99 58.0 41.8 62.6



#16
Acetone
Concen: 27.322 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013471.D
Acq: 26 Apr 2023 14:19

Tgt Ion: 43 Resp: 16466
Ion Ratio Lower Upper
43 100
58 26.7 25.4 38.0





#17

Carbon Disulfide

Concen: 11.017 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY013471.D

Acq: 26 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

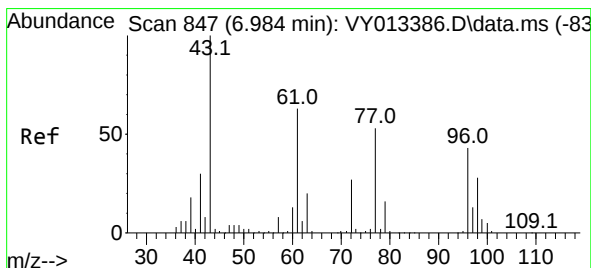
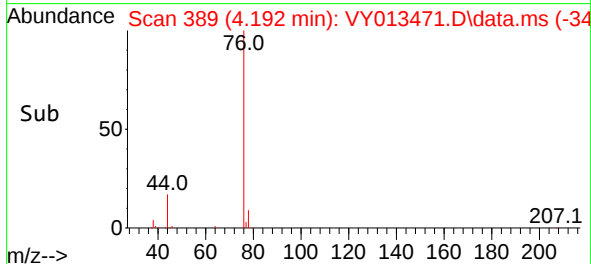
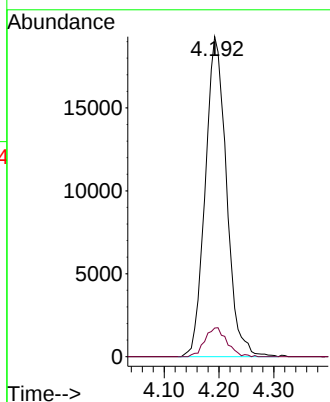
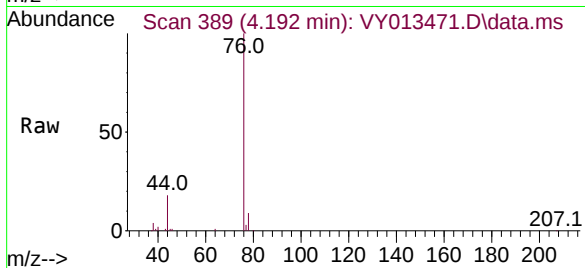
20230248-14-2

Tgt Ion: 76 Resp: 51921

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#25

2-Butanone

Concen: 6.103 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY013471.D

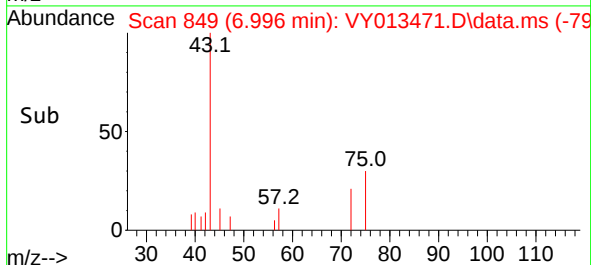
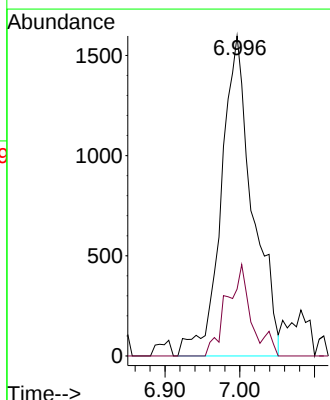
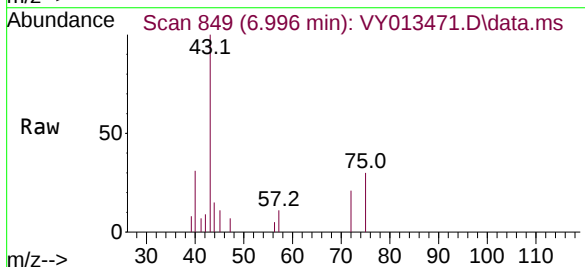
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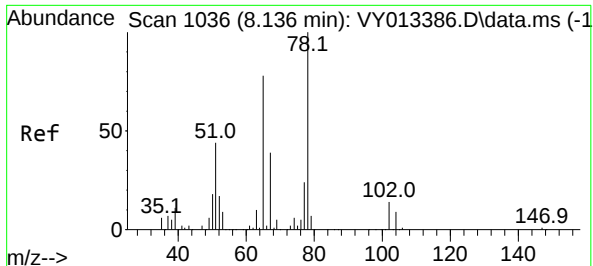
Tgt Ion: 43 Resp: 4665

Ion Ratio Lower Upper

43 100

72 20.9 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 63.290 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY013471.D

Acq: 26 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

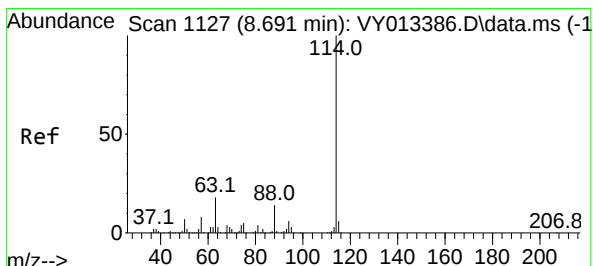
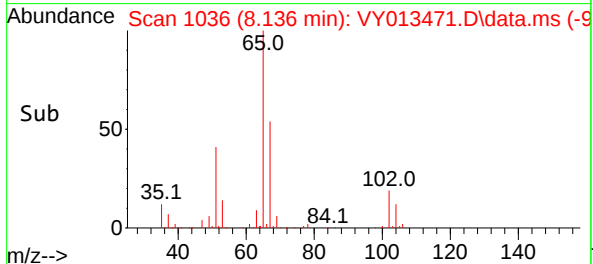
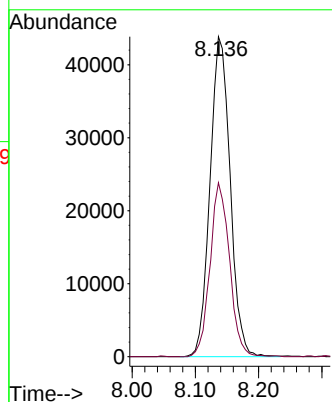
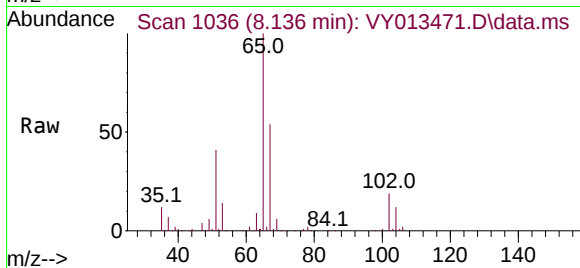
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Tgt Ion: 65 Resp: 96857

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013471.D

Acq: 26 Apr 2023 14:19

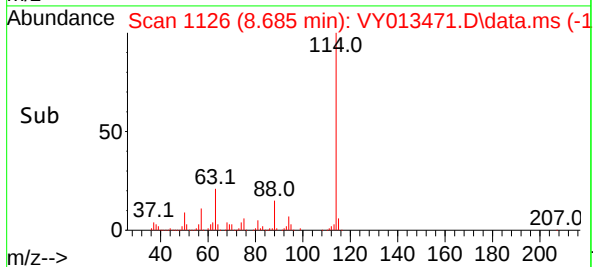
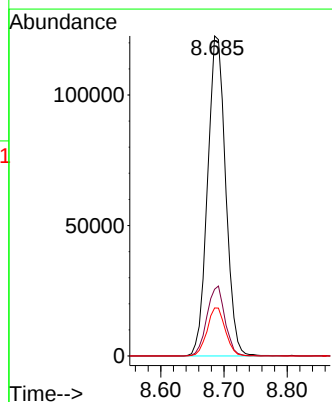
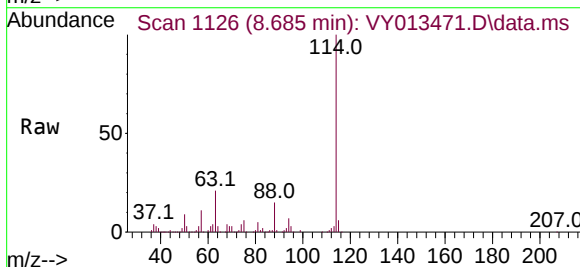
Tgt Ion: 114 Resp: 243248

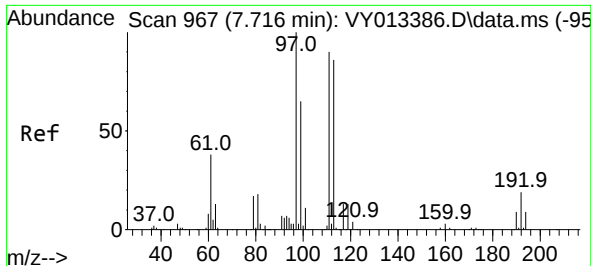
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 15.0 0.0 28.8

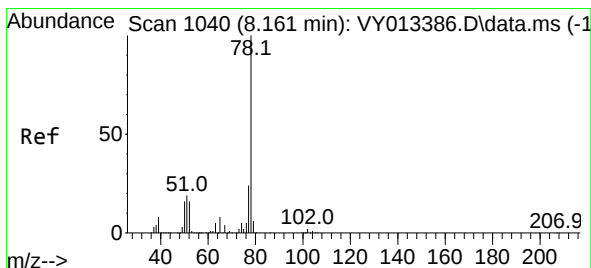
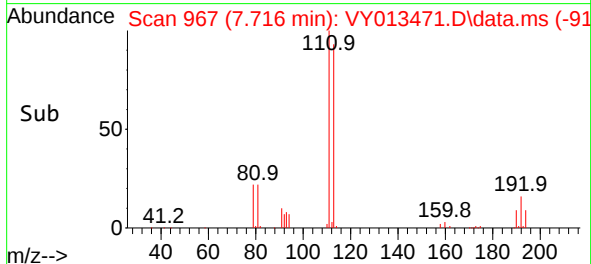
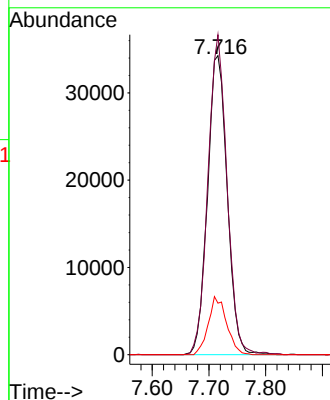
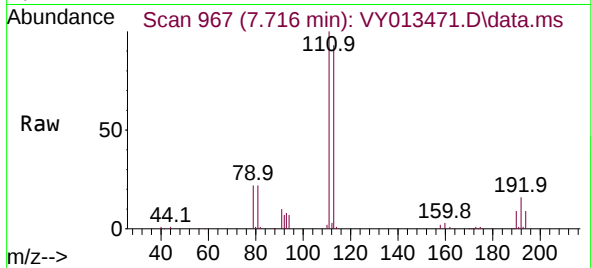




#35
 Dibromofluoromethane
 Concen: 54.181 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY013471.D
 Acq: 26 Apr 2023 14:19

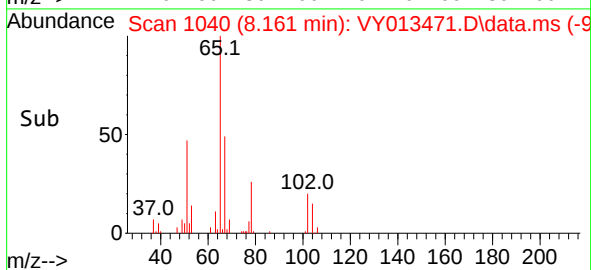
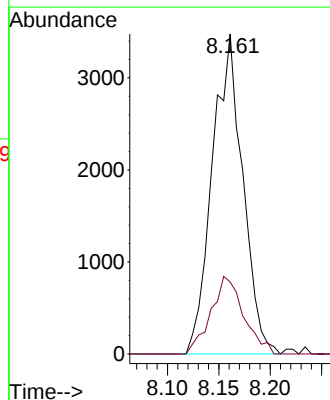
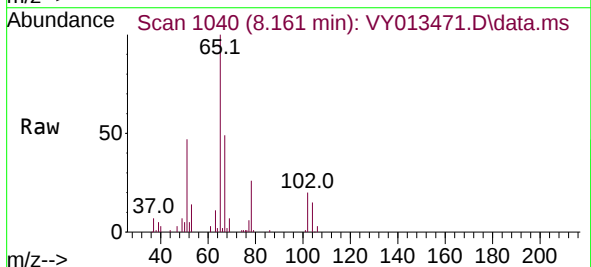
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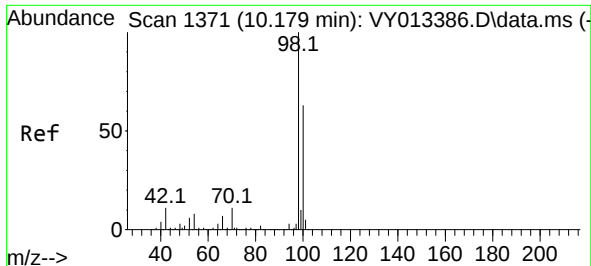
Tgt Ion:113 Resp: 82892
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 18.1 16.7 25.1



#40
 Benzene
 Concen: 1.001 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VY013471.D
 Acq: 26 Apr 2023 14:19

Tgt Ion: 78 Resp: 7158
 Ion Ratio Lower Upper
 78 100
 77 22.5 19.2 28.8

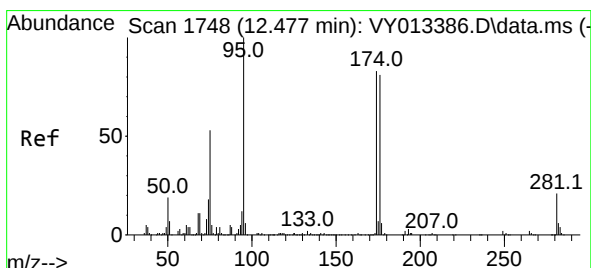
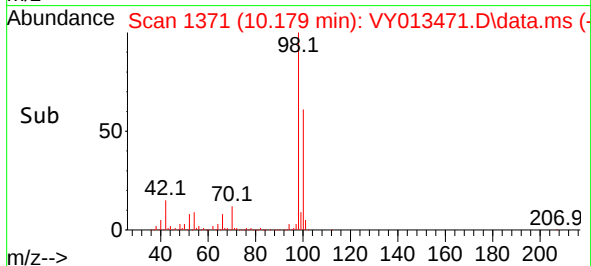
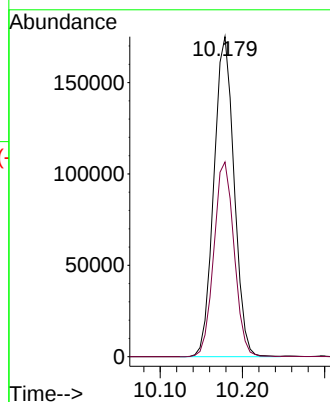
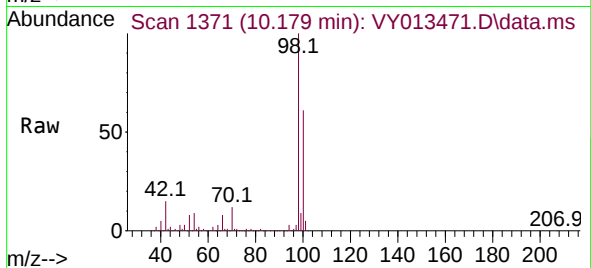




#50
Toluene-d8
Concen: 54.922 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013471.D
Acq: 26 Apr 2023 14:19

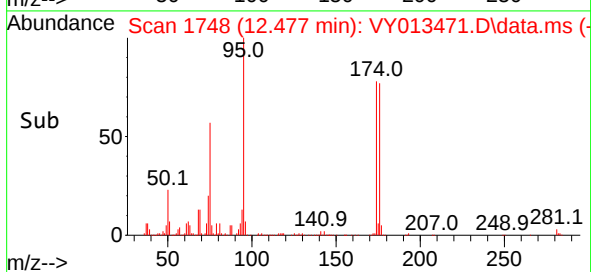
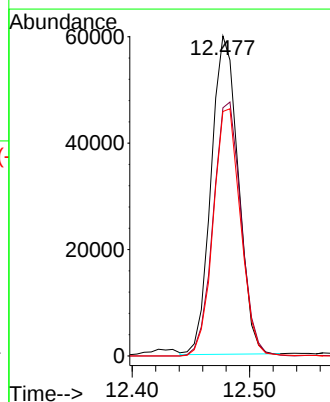
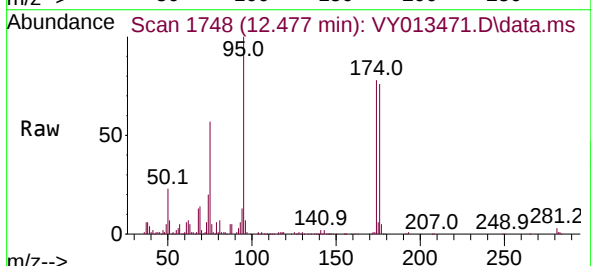
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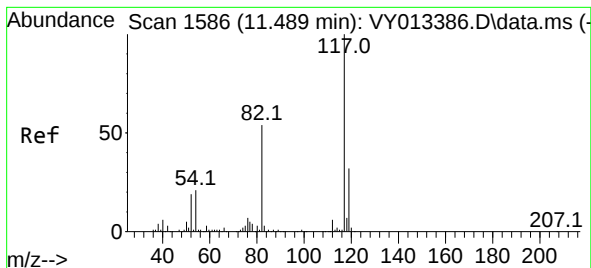
Tgt Ion: 98 Resp: 298918
Ion Ratio Lower Upper
98 100
100 60.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.362 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013471.D
Acq: 26 Apr 2023 14:19

Tgt Ion: 95 Resp: 96074
Ion Ratio Lower Upper
95 100
174 81.6 0.0 182.0
176 78.1 0.0 175.4

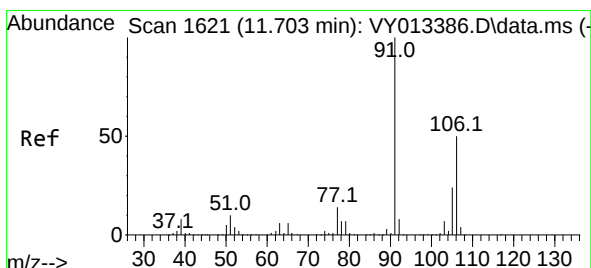
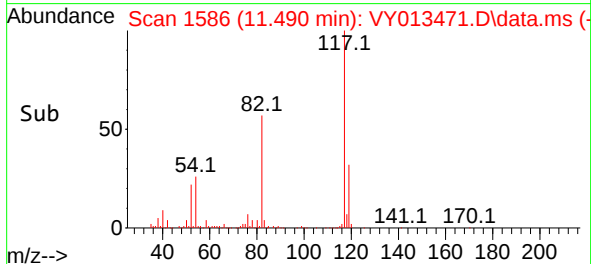
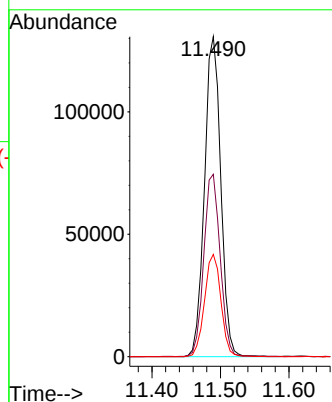
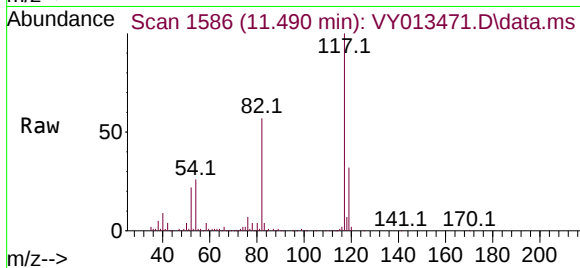




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013471.D
Acq: 26 Apr 2023 14:19

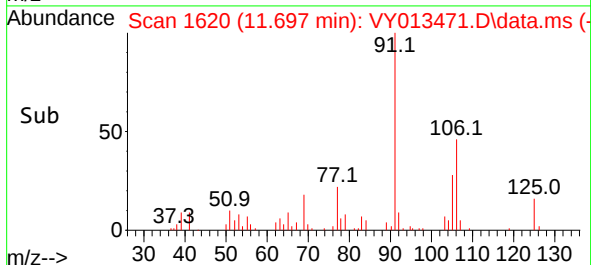
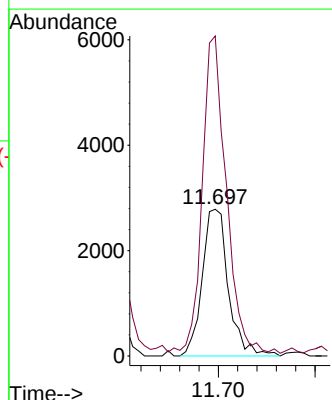
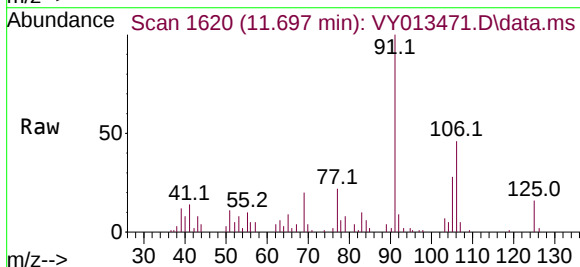
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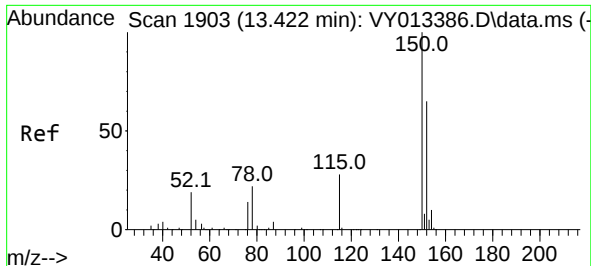
Tgt Ion:117 Resp: 216353
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.6
119 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 1.662 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013471.D
Acq: 26 Apr 2023 14:19

Tgt Ion:106 Resp: 5228
Ion Ratio Lower Upper
106 100
91 194.8 160.9 241.3

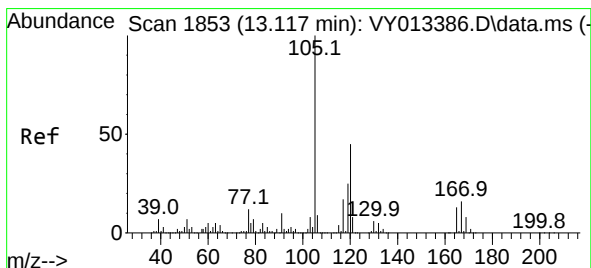
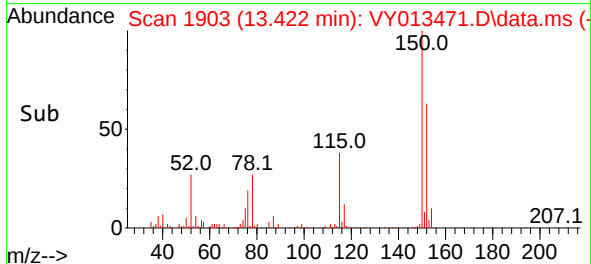
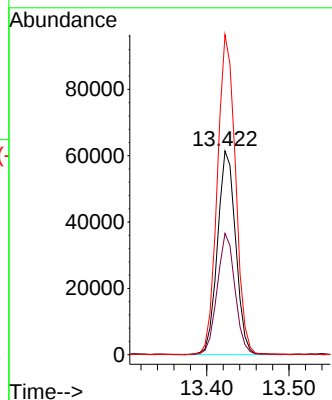
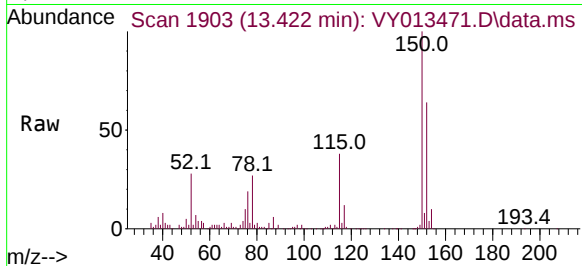




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013471.D
 Acq: 26 Apr 2023 14:19

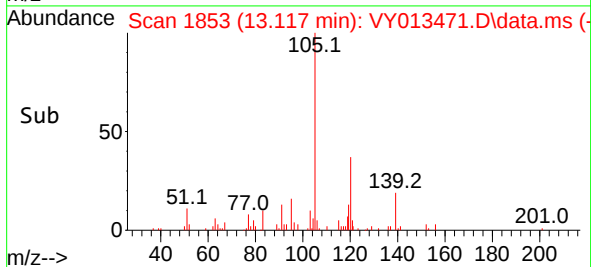
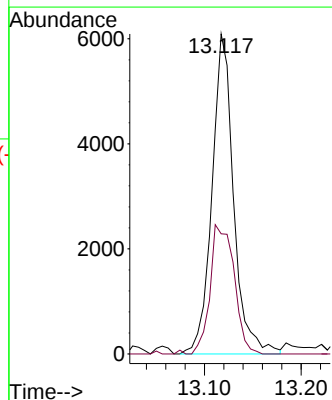
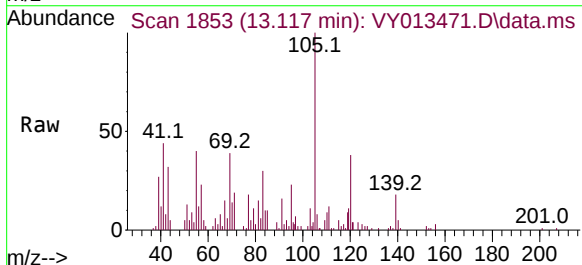
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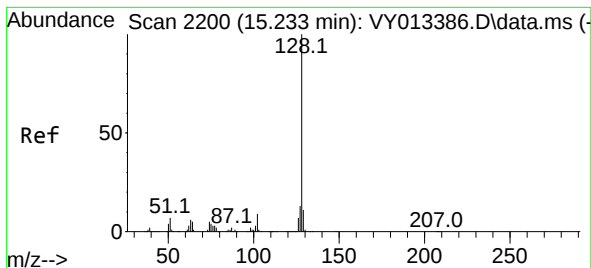
Tgt Ion:152 Resp: 94537
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.1 84.2
 150 156.8 0.0 352.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.669 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY013471.D
 Acq: 26 Apr 2023 14:19

Tgt Ion:105 Resp: 9470
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.9





#95

Naphthalene

Concen: 1.907 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013471.D

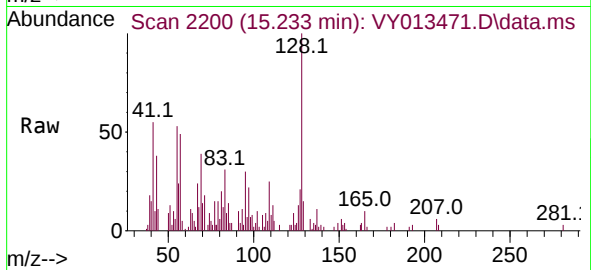
Acq: 26 Apr 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

20230248-14-2



Tgt Ion:	128	Resp:	7355
Ion	Ratio	Lower	Upper
128	100		
127	20.6	10.7	16.1#
129	13.2	8.8	13.2#

