

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010171.D
 Acq On : 23 Aug 2022 17:33
 Operator : KP/MD
 Sample : N4272-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124055

Quant Time: Aug 24 04:34:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

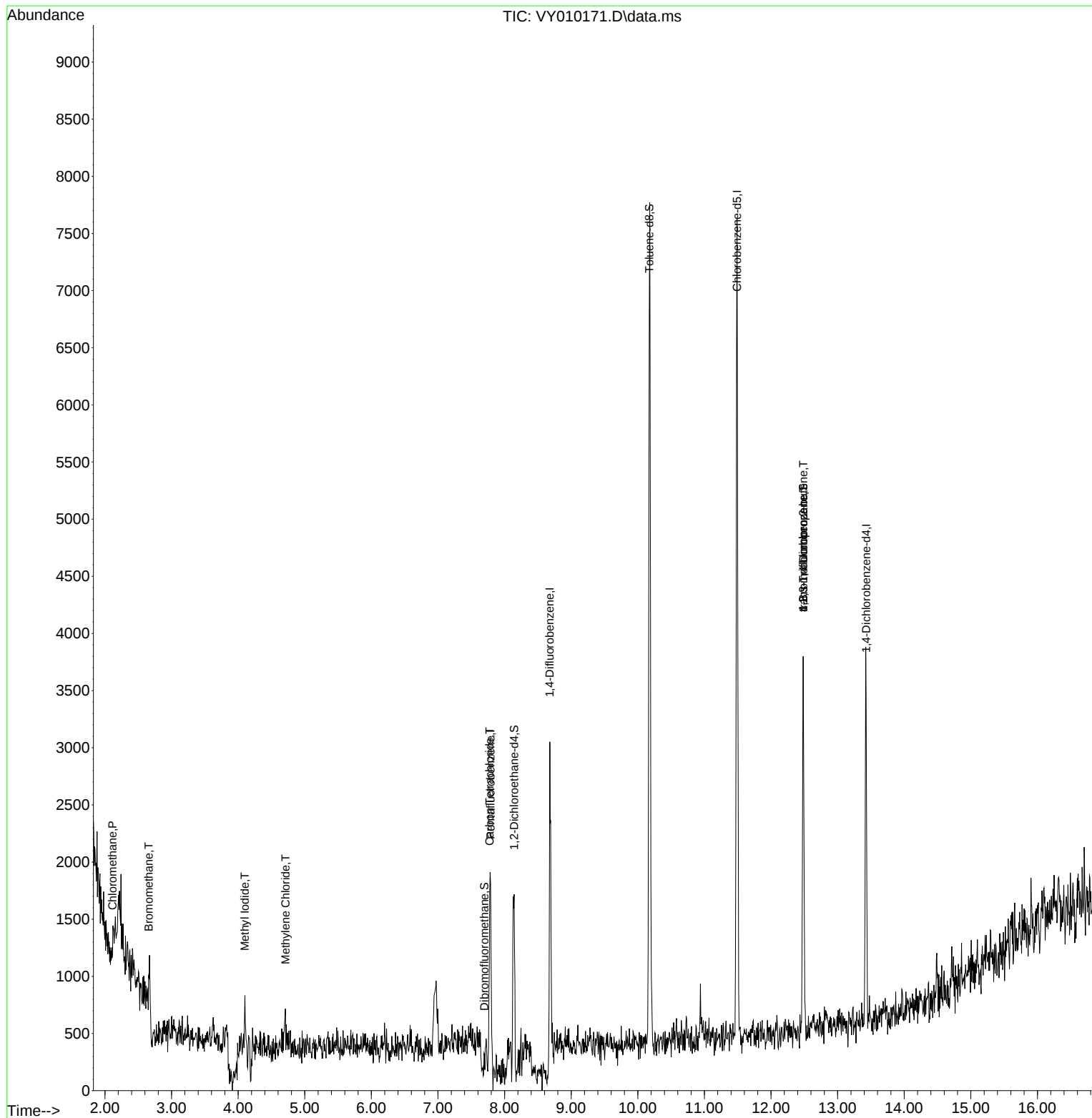
Internal Standards						
1) Pentafluorobenzene	7.789	168	1906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	2926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1141	73.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.180%	
35) Dibromofluoromethane	7.697	113	47	2.851	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 5.700%#	
50) Toluene-d8	10.173	98	5489	88.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 177.700%#	
62) 4-Bromofluorobenzene	12.483	95	1071	48.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	134	8.384	ug/l #	43
5) Bromomethane	2.656	94	227	17.222	ug/l #	72
10) Methyl Iodide	4.100	142	282	12.465	ug/l #	62
20) Methylene Chloride	4.710	84	229	2.676	ug/l #	40
38) Carbon Tetrachloride	7.777	117	139	5.036	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	613	64.935	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	613	130.422	ug/l #	18

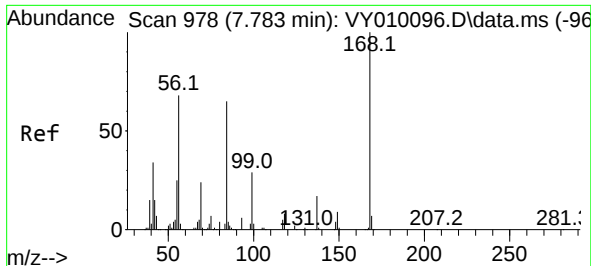
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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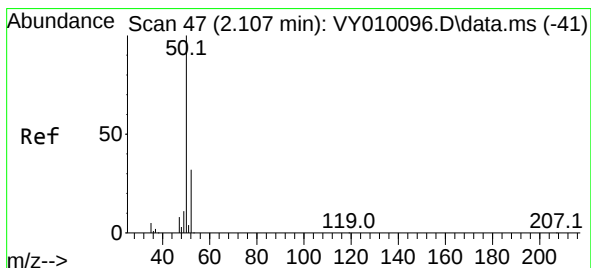
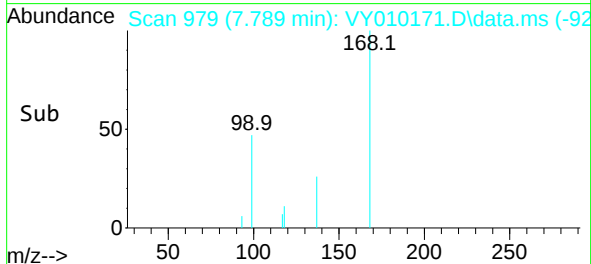
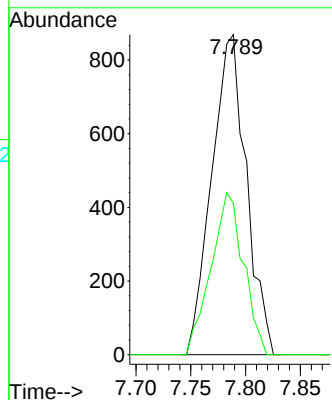
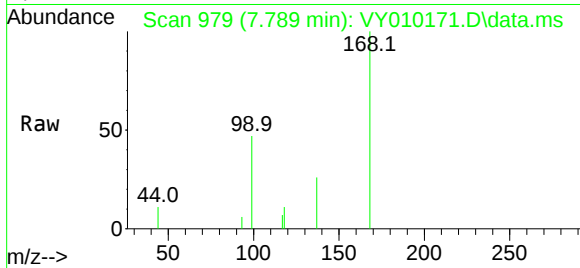




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

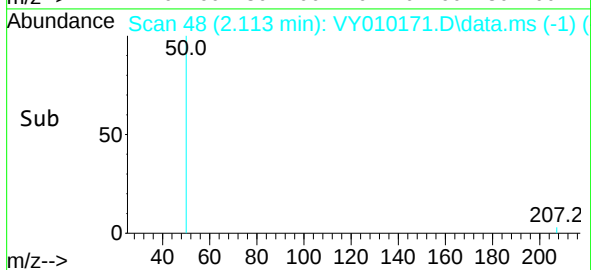
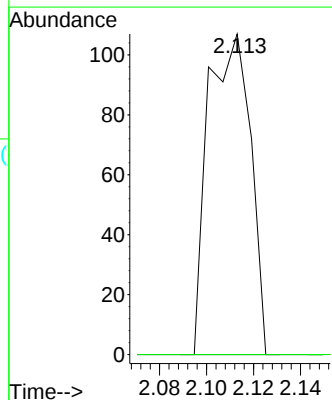
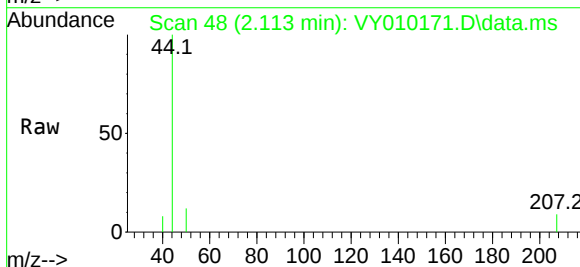
Instrument :
MSVOA_Y
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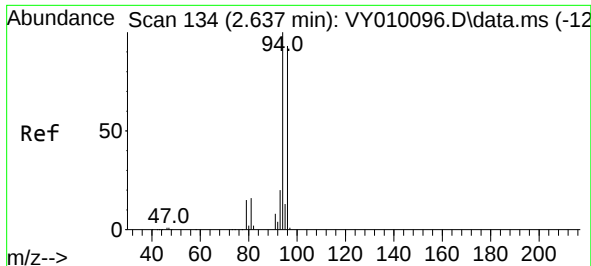
Tgt Ion:168 Resp: 1906
Ion Ratio Lower Upper
168 100
99 47.4 40.7 61.1



#3
Chloromethane
Concen: 8.384 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

Tgt Ion: 50 Resp: 134
Ion Ratio Lower Upper
50 100
52 0.0 25.3 37.9

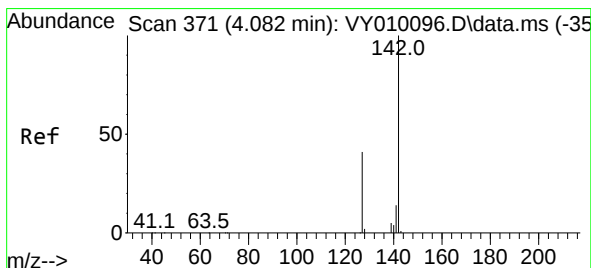
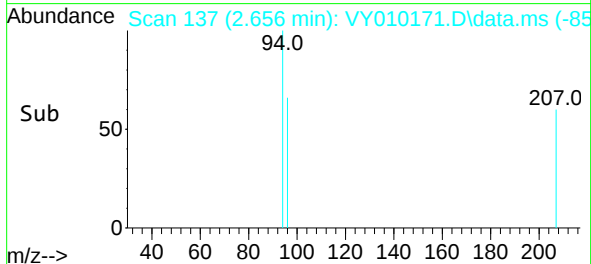
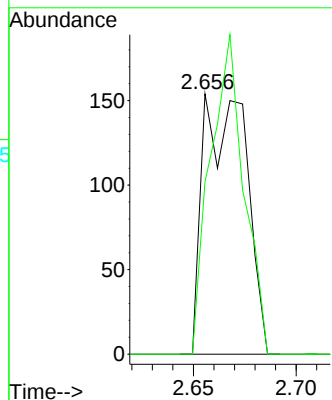
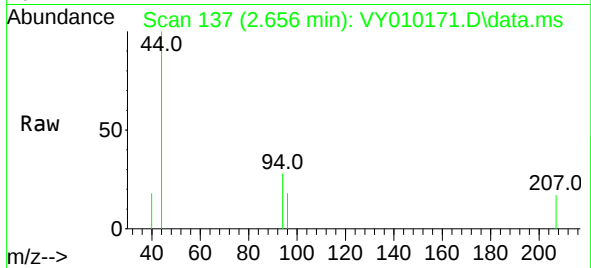




#5
Bromomethane
Concen: 17.222 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

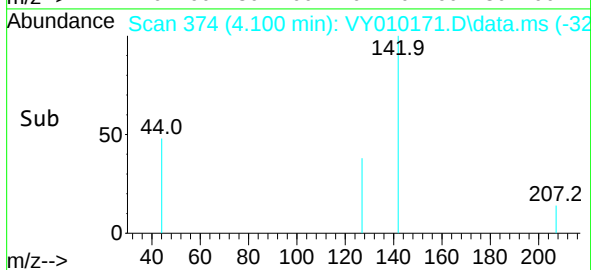
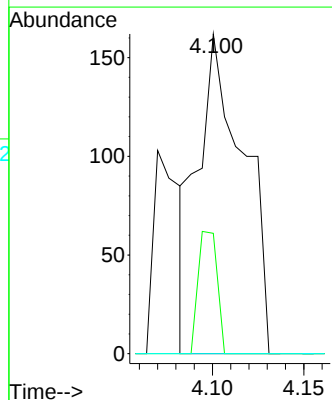
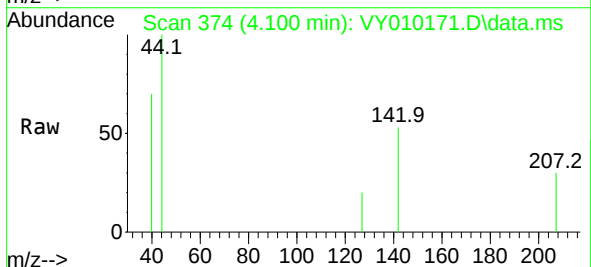
Instrument :
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ClientSampleId :
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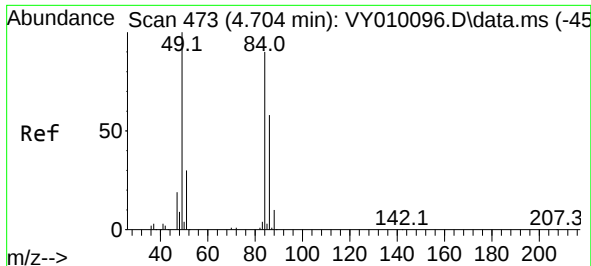
Tgt Ion: 94 Resp: 227
Ion Ratio Lower Upper
94 100
96 66.2 74.3 111.5#



#10
Methyl Iodide
Concen: 12.465 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

Tgt Ion:142 Resp: 282
Ion Ratio Lower Upper
142 100
127 16.0 32.2 48.4#
141 0.0 11.7 17.5#

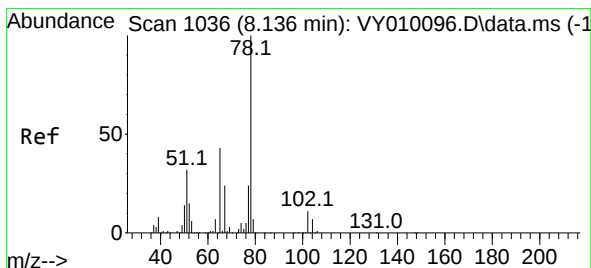
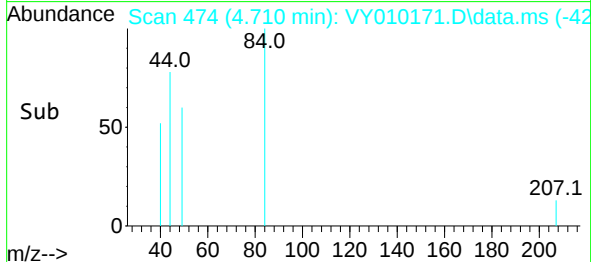
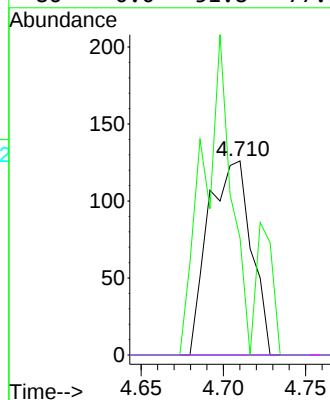
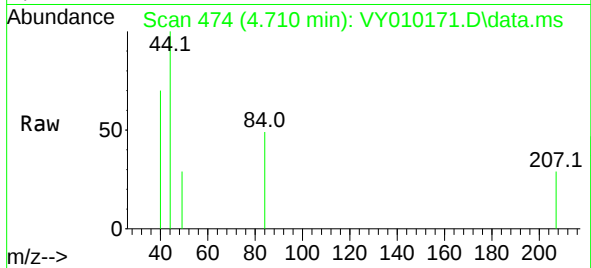




#20
Methylene Chloride
Concen: 2.676 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

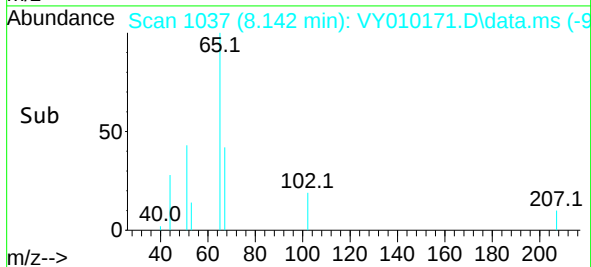
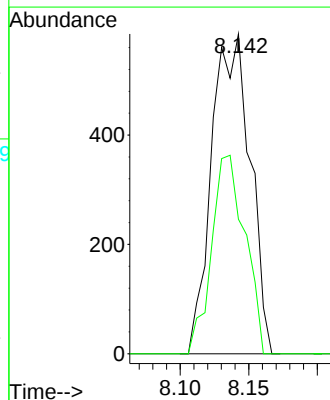
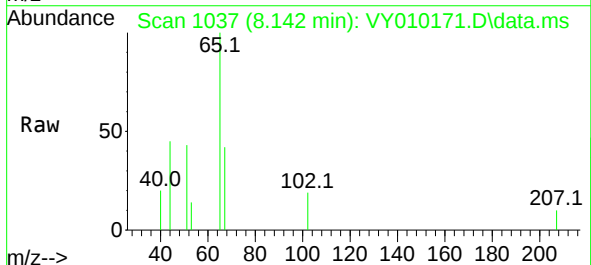
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

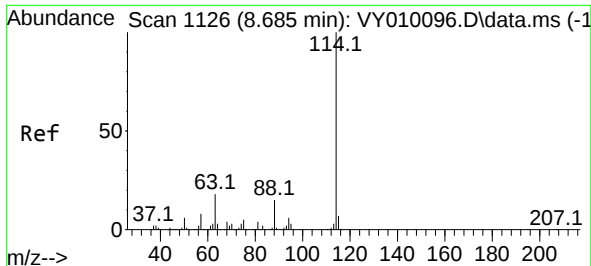
Tgt Ion: 84 Resp: 229
Ion Ratio Lower Upper
84 100
49 60.3 89.0 133.4#
51 0.0 27.0 40.6#
86 0.0 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: 73.085 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

Tgt Ion: 65 Resp: 1141
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY010171.D

Acq: 23 Aug 2022 17:33

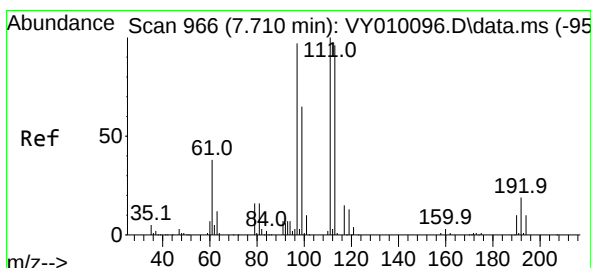
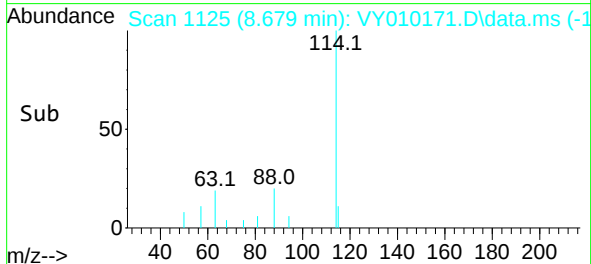
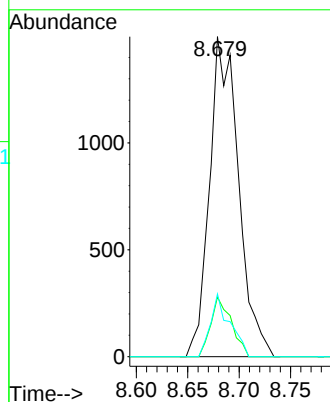
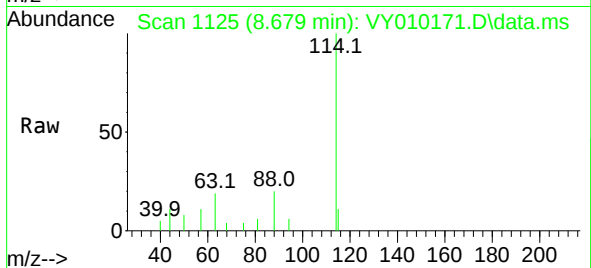
Instrument :

MSVOA_Y

ClientSampleId :

PSC-124055

Tgt Ion:114	Resp:	2926
Ion	Ratio	Lower Upper
114	100	
63	18.6	0.0 35.6
88	19.6	0.0 29.6



#35

Dibromofluoromethane

Concen: 2.851 ug/l

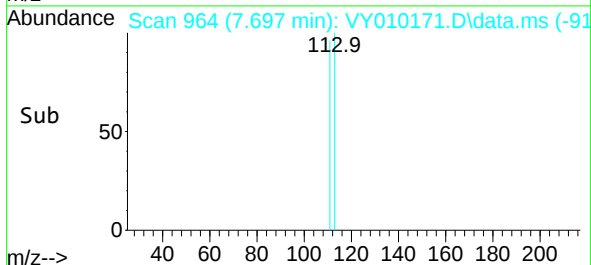
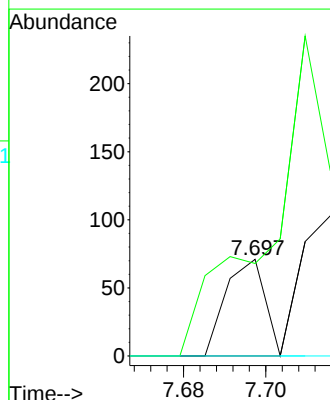
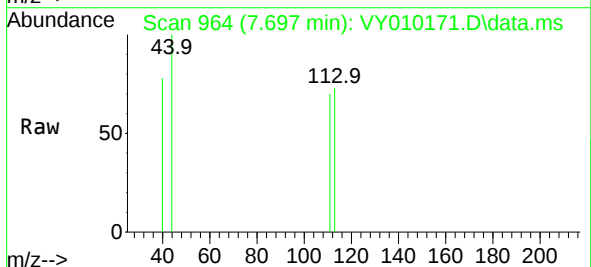
RT: 7.697 min Scan# 964

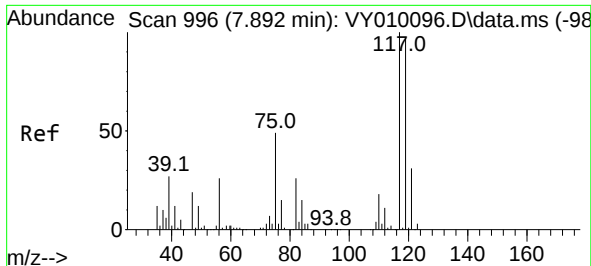
Delta R.T. -0.013 min

Lab File: VY010171.D

Acq: 23 Aug 2022 17:33

Tgt Ion:113	Resp:	47
Ion	Ratio	Lower Upper
113	100	
111	0.0	82.8 124.2#
192	0.0	16.3 24.5#

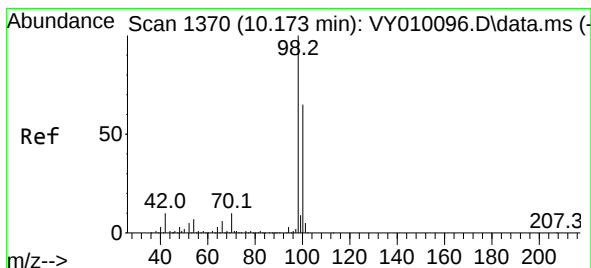
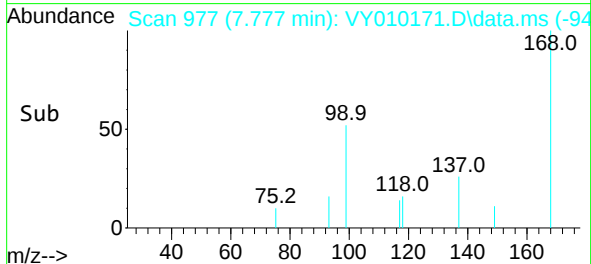
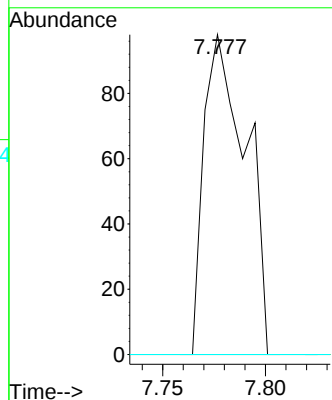
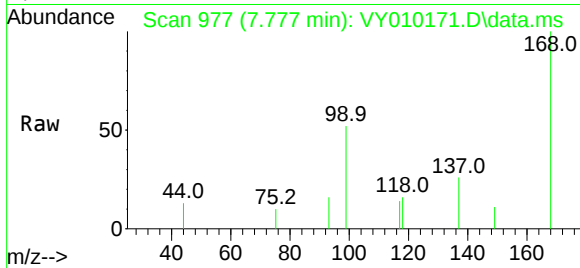




#38
Carbon Tetrachloride
Concen: 5.036 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

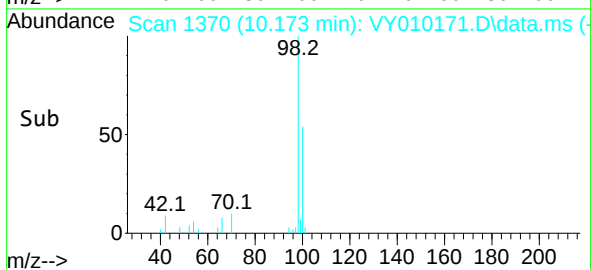
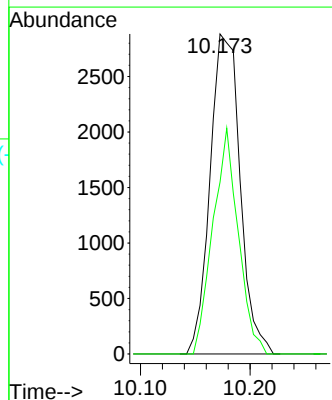
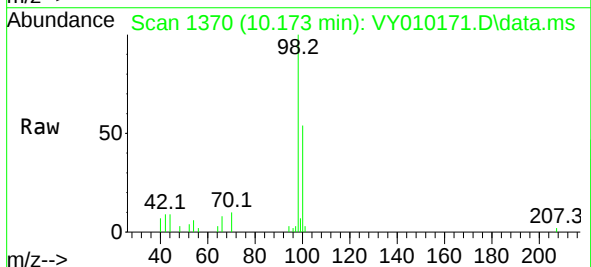
Instrument :
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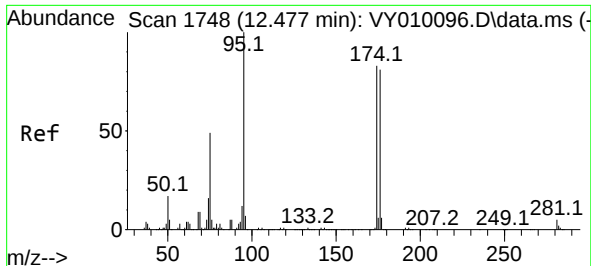
Tgt Ion:117 Resp: 139
Ion Ratio Lower Upper
117 100
119 0.0 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 88.848 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

Tgt Ion: 98 Resp: 5489
Ion Ratio Lower Upper
98 100
100 59.7 51.9 77.9

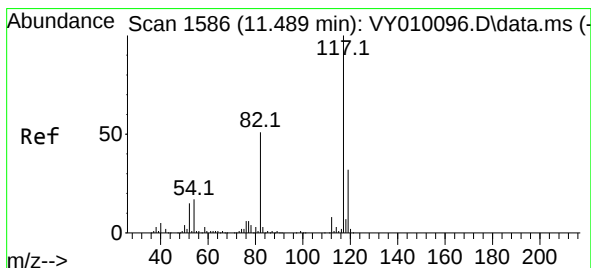
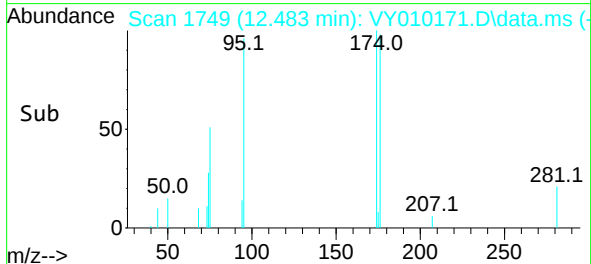
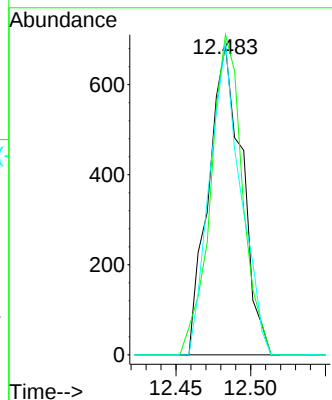
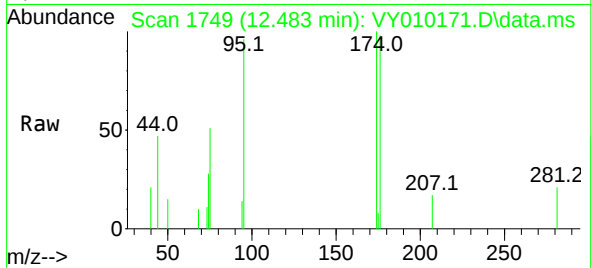




#62
4-Bromofluorobenzene
Concen: 48.520 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

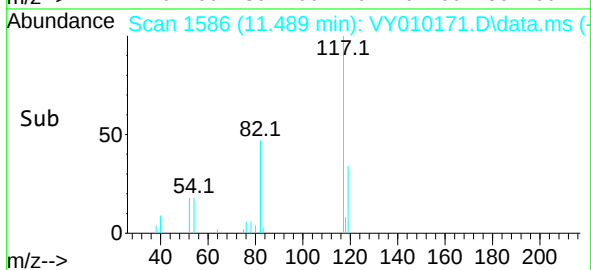
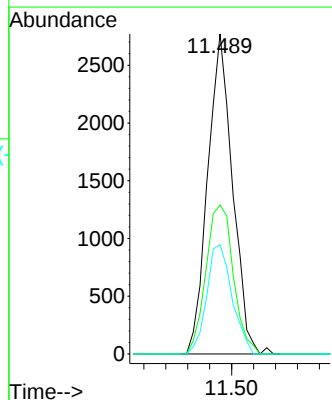
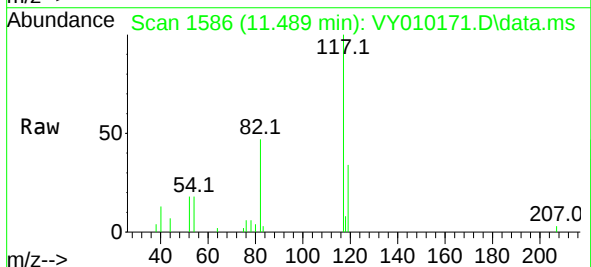
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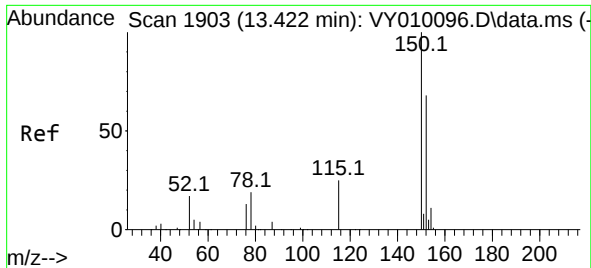
Tgt Ion: 95 Resp: 1071
Ion Ratio Lower Upper
95 100
174 98.1 0.0 173.8
176 93.7 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

Tgt Ion: 117 Resp: 4356
Ion Ratio Lower Upper
117 100
82 46.6 40.6 61.0
119 34.1 25.8 38.8

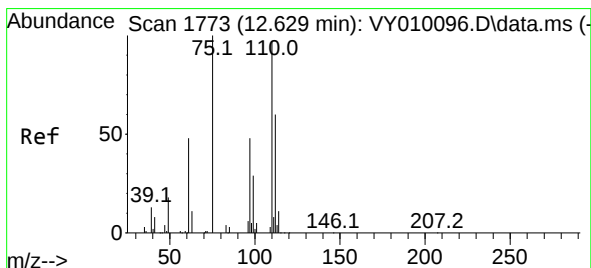
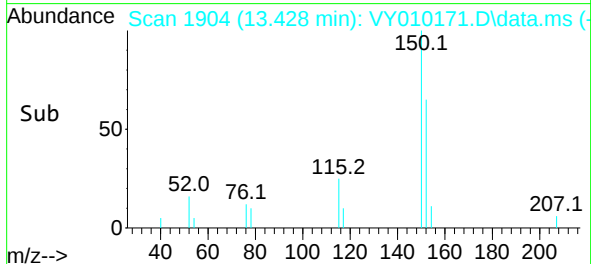
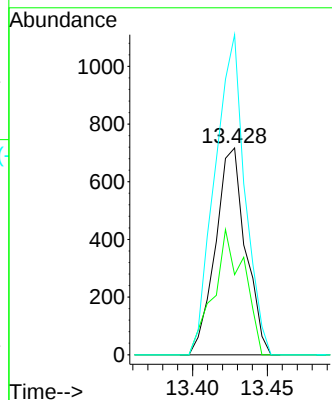
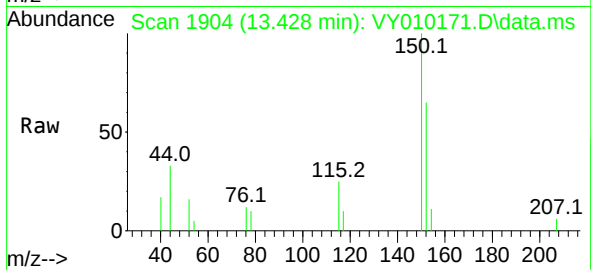




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VY010171.D
 Acq: 23 Aug 2022 17:33

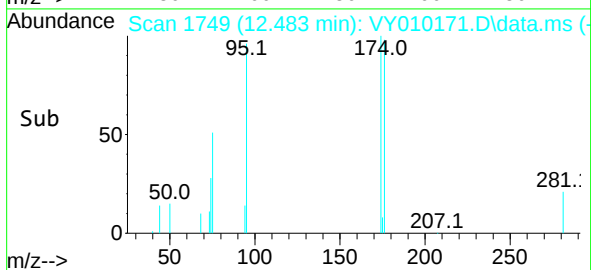
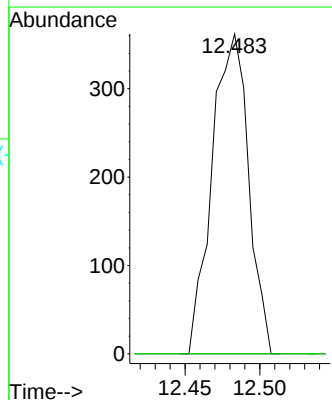
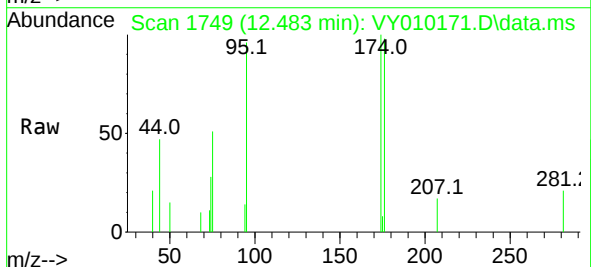
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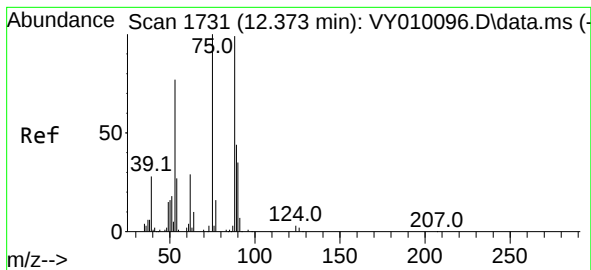
Tgt Ion:152 Resp: 1008
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.1 84.2
 150 154.0 0.0 346.2



#76
 1,2,3-Trichloropropane
 Concen: 64.935 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY010171.D
 Acq: 23 Aug 2022 17:33

Tgt Ion: 75 Resp: 613
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.422 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY010171.D
 Acq: 23 Aug 2022 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124055

Tgt Ion: 75 Resp: 613
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.0 36.8 55.2#

