

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013919.D
 Acq On : 30 May 2023 15:08
 Operator : KP/MD
 Sample : 02945-06RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB23RE

Quant Time: May 30 16:08:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

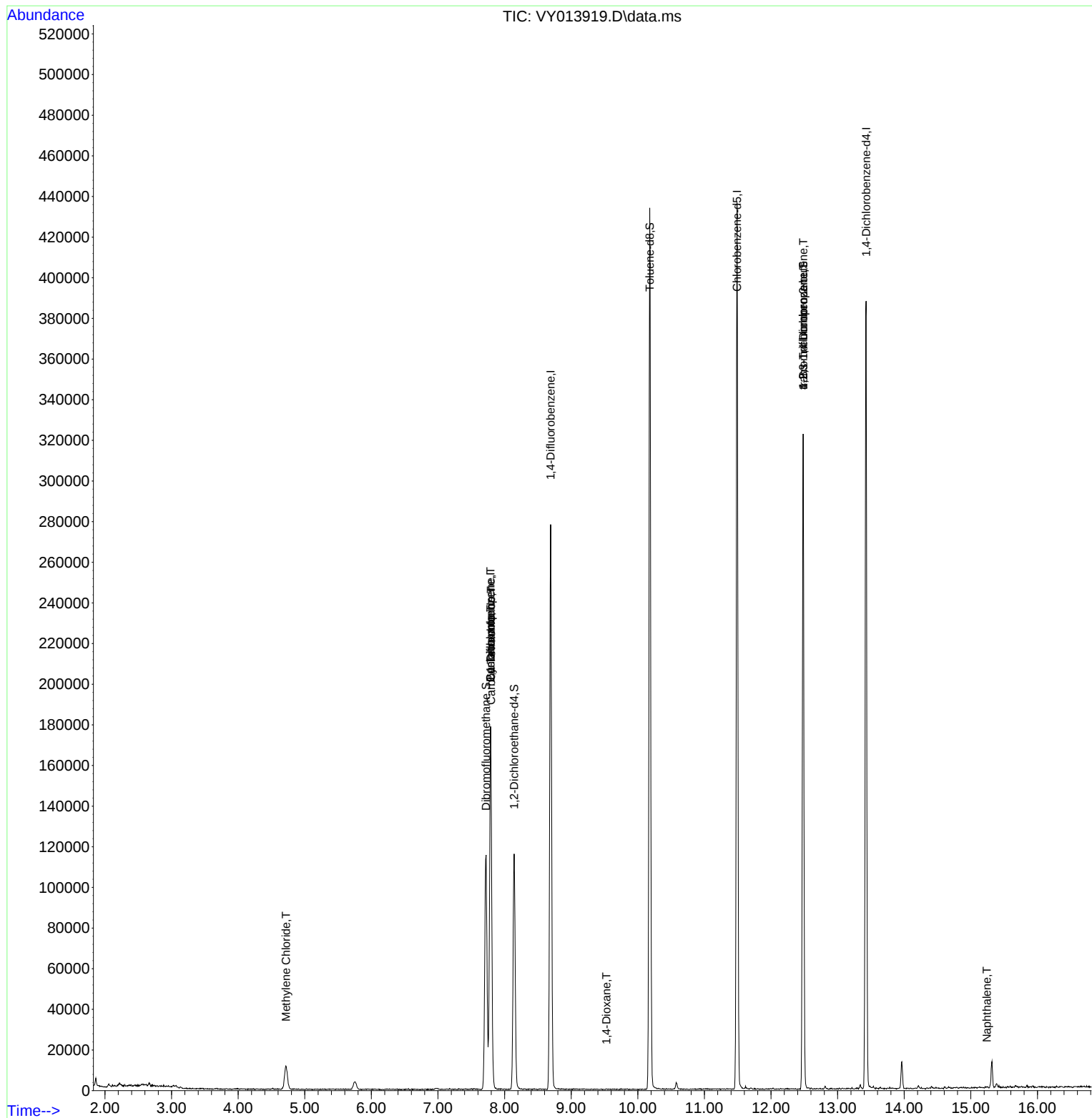
Internal Standards						
1) Pentafluorobenzene	7.789	168	135309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95441	60.969	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.940%			
35) Dibromofluoromethane	7.722	113	79792	54.106	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.220%			
50) Toluene-d8	10.179	98	280298	50.009	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.020%			
62) 4-Bromofluorobenzene	12.483	95	88972	47.755	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.520%			
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	8171	2.550	ug/l #	93
31) Cyclohexane	7.789	56	3152	1.311	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	10472	4.662	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13536	5.299	ug/l #	16
49) 1,4-Dioxane	9.526	88	21	1.888	ug/l #	58
76) 1,2,3-Trichloropropane	12.483	75	48017	39.878	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48017	86.562	ug/l #	10
95) Naphthalene	15.239	128	534	4.660	ug/l #	68

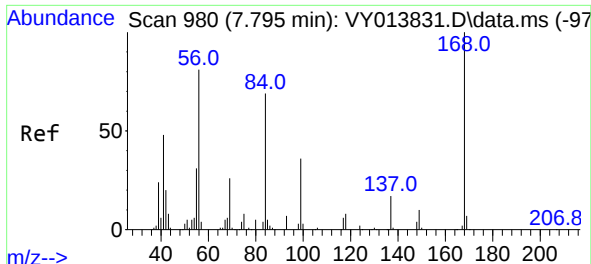
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
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Quant Title : SW846 8260
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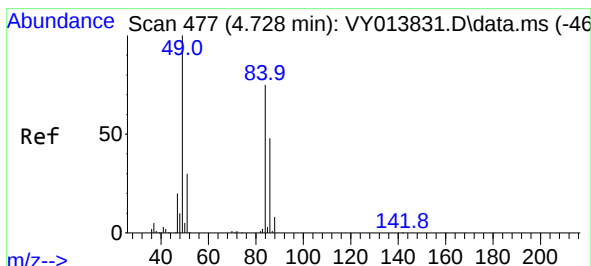
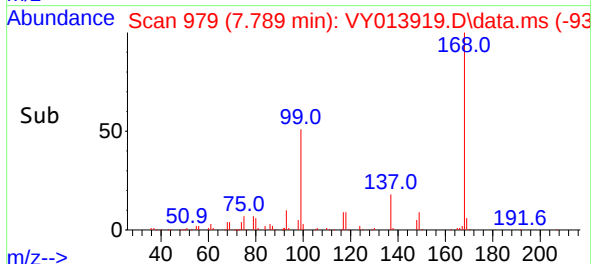
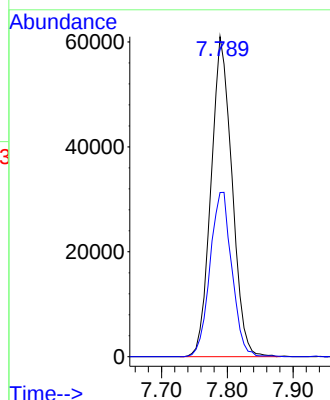
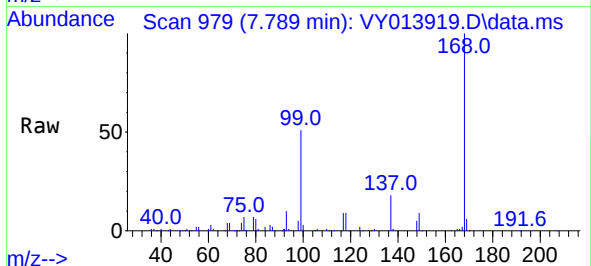




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

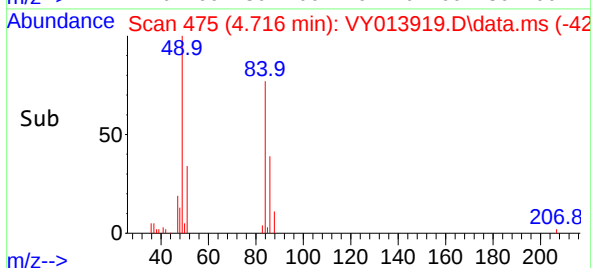
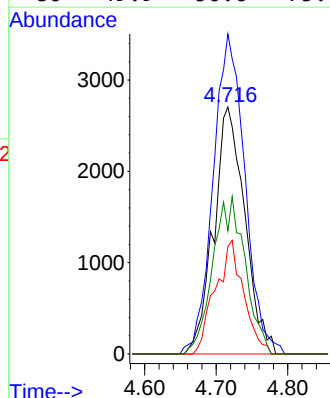
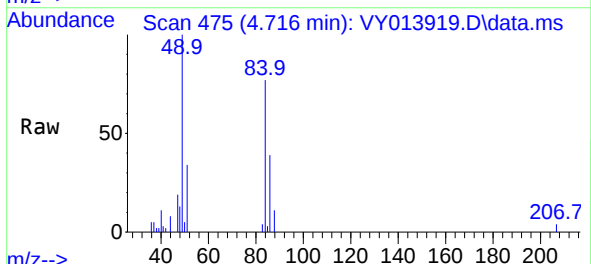
Instrument :
MSVOA_Y
ClientSampleId :
SB23RE

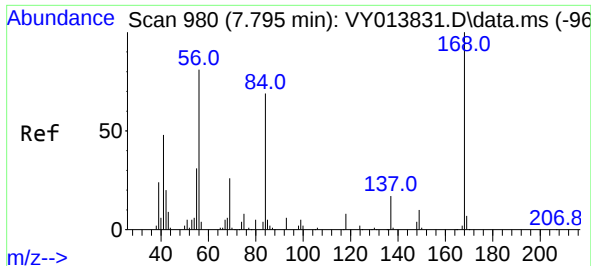
Tgt Ion:168 Resp: 135309
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.2



#20
Methylene Chloride
Concen: 2.550 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion: 84 Resp: 8171
Ion Ratio Lower Upper
84 100
49 129.6 106.2 159.2
51 43.6 31.4 47.0
86 49.9 50.6 75.8#

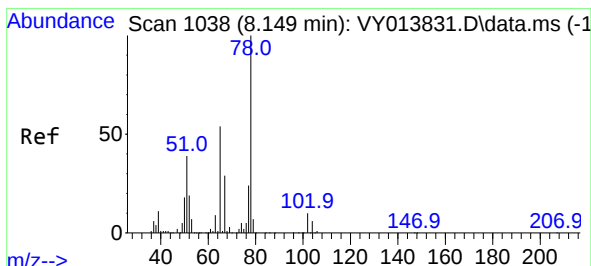
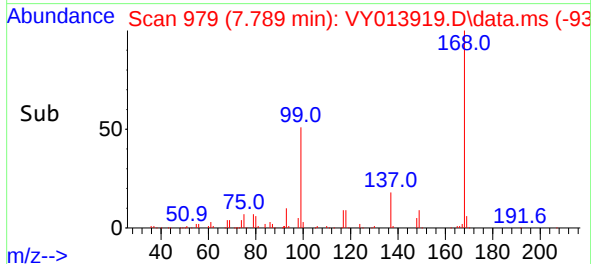
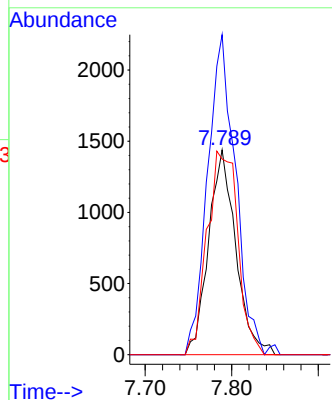
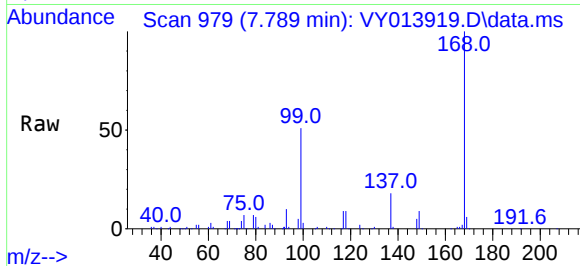




#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

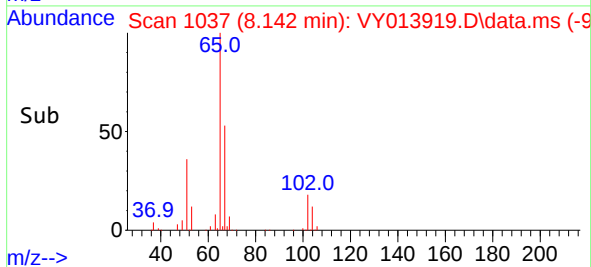
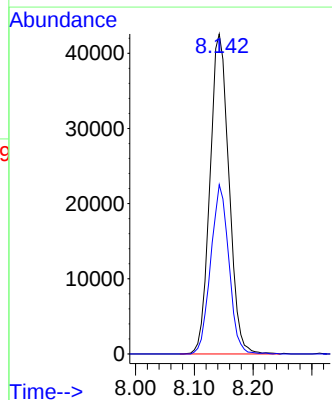
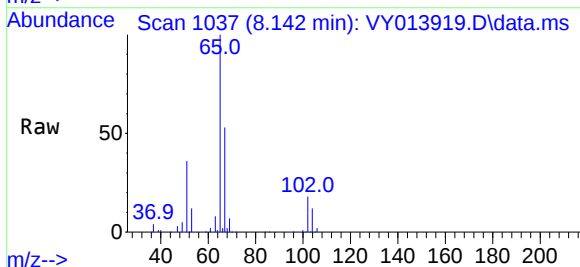
Instrument :
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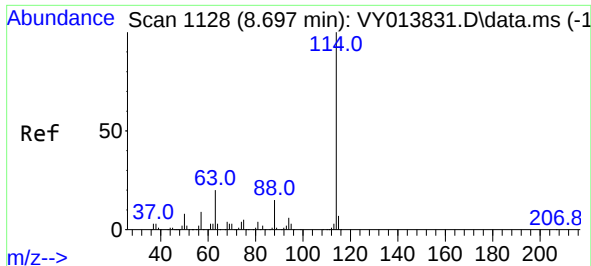
Tgt Ion: 56 Resp: 3152
Ion Ratio Lower Upper
56 100
69 156.2 25.8 38.8#
84 95.6 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 60.969 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion: 65 Resp: 95441
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013919.D

Acq: 30 May 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SB23RE

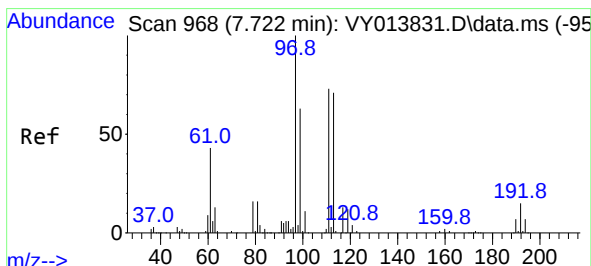
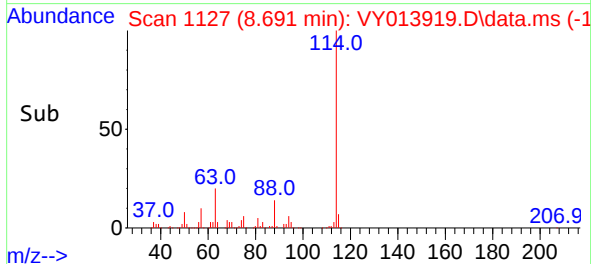
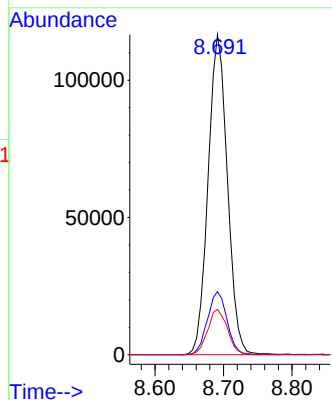
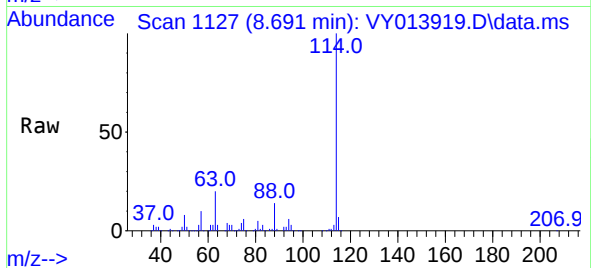
Tgt Ion:114 Resp: 228354

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 14.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.106 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY013919.D

Acq: 30 May 2023 15:08

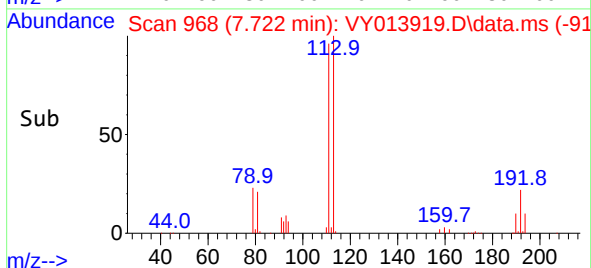
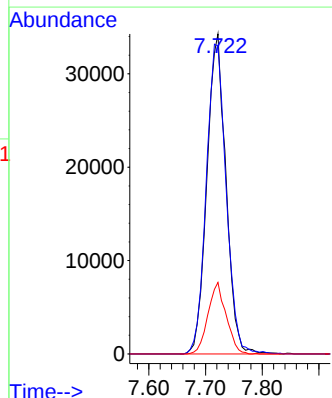
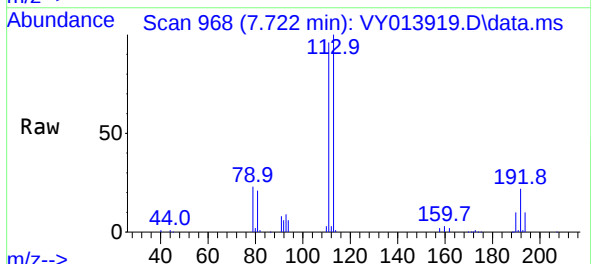
Tgt Ion:113 Resp: 79792

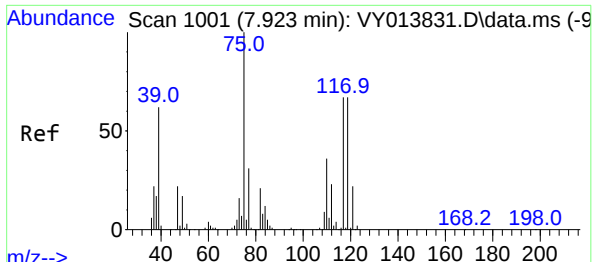
Ion Ratio Lower Upper

113 100

111 101.5 80.4 120.6

192 21.3 16.6 25.0

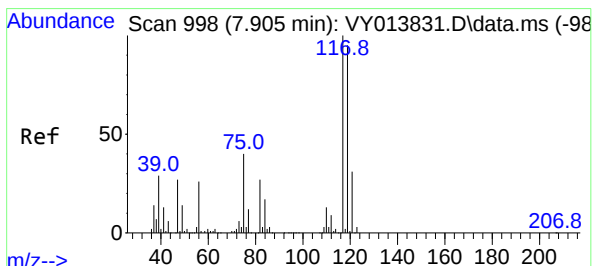
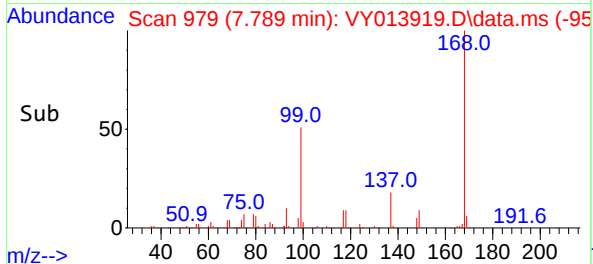
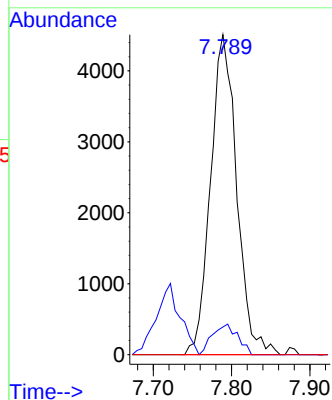
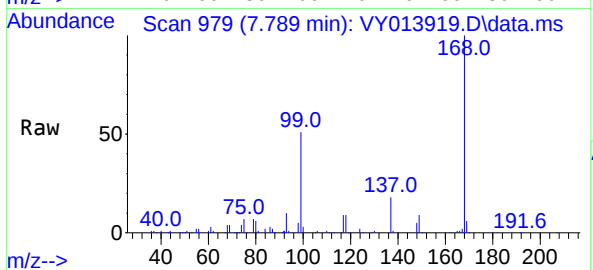




#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

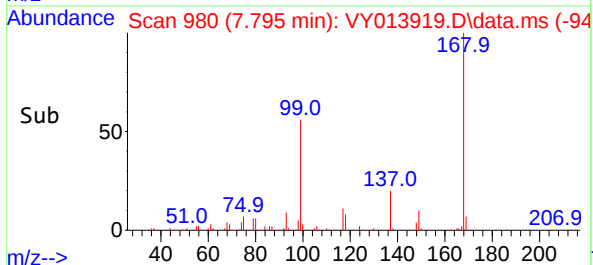
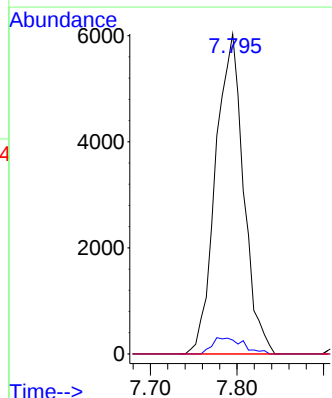
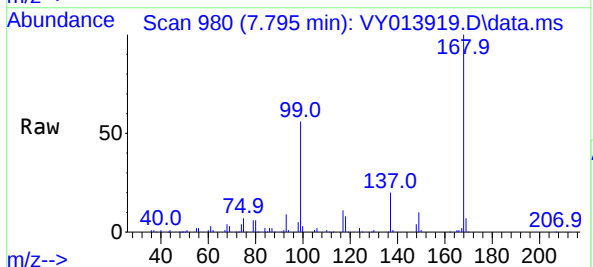
Instrument :
MSVOA_Y
ClientSampleId :
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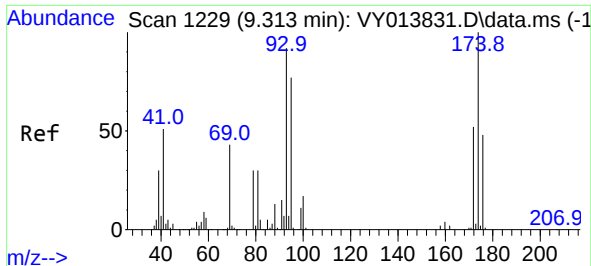
Tgt Ion: 75 Resp: 10472
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion: 117 Resp: 13536
Ion Ratio Lower Upper
117 100
119 4.4 75.6 113.4#
121 0.0 24.8 37.2#

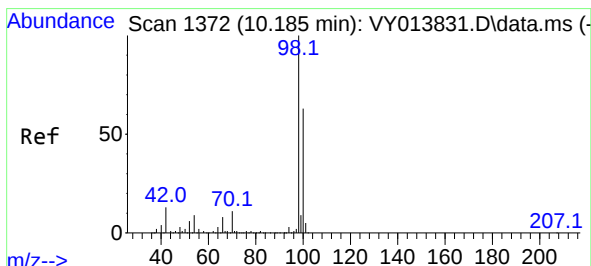
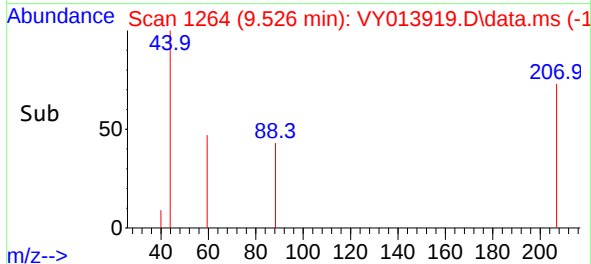
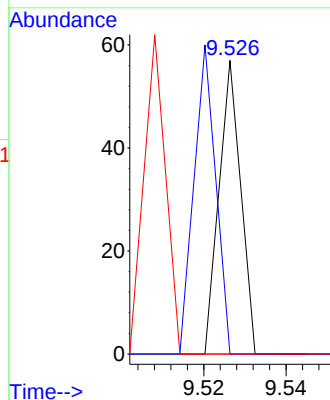
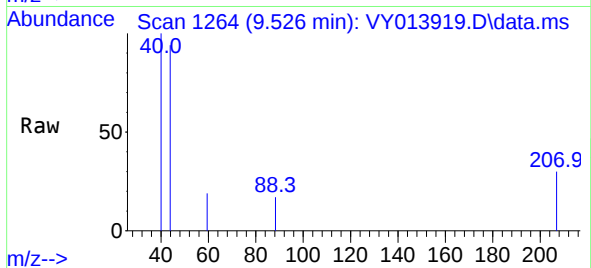




#49
1,4-Dioxane
Concen: 1.888 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.213 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

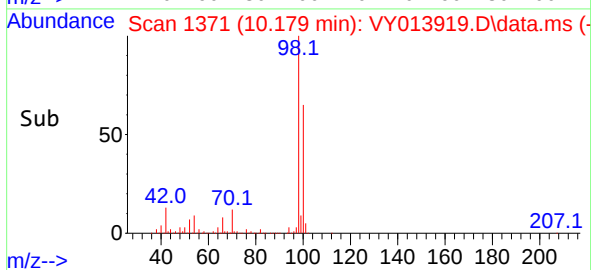
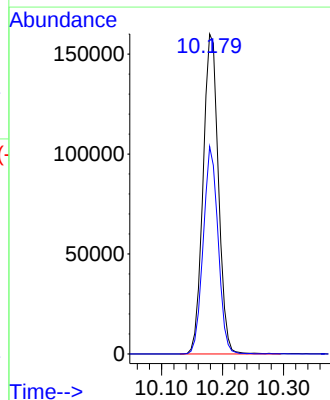
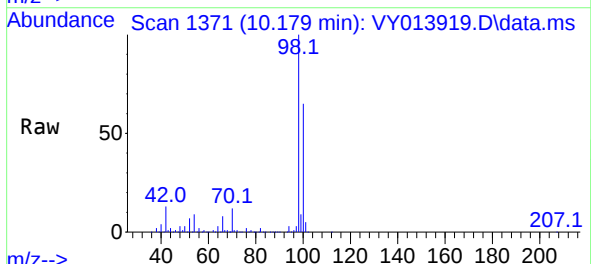
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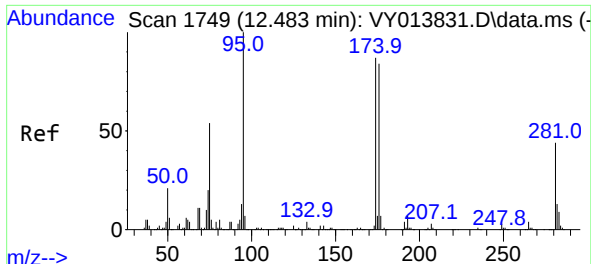
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 104.8 0.0 0.0#
58 109.5 59.0 88.6#



#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion: 98 Resp: 280298
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2

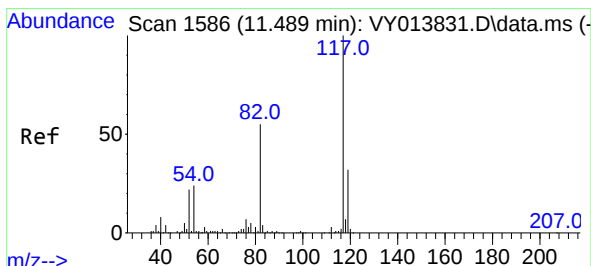
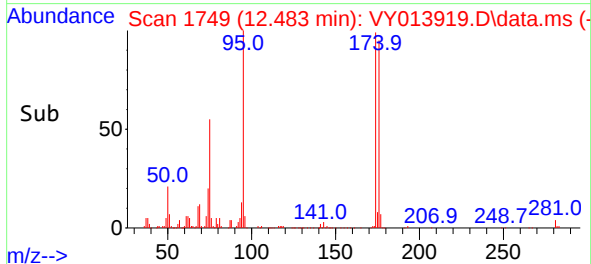
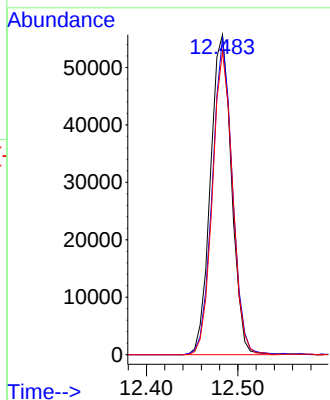
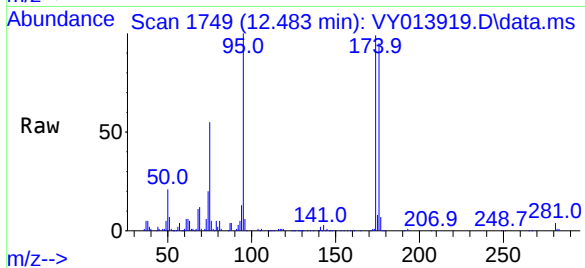




#62
4-Bromofluorobenzene
Concen: 47.755 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

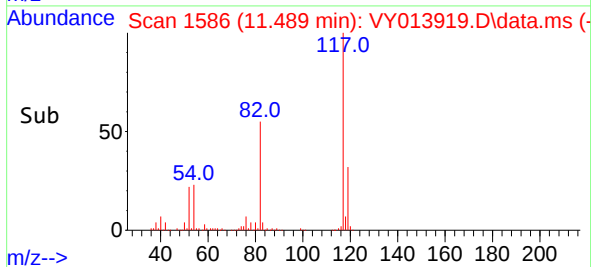
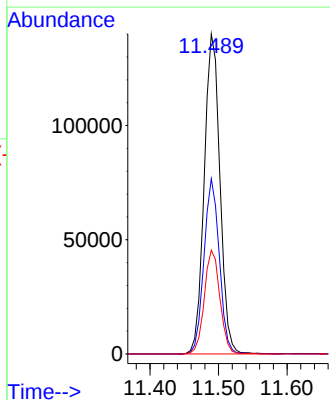
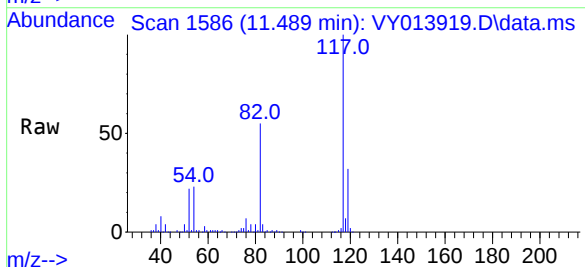
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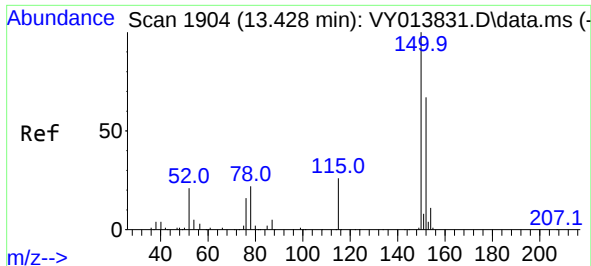
Tgt Ion: 95 Resp: 88972
Ion Ratio Lower Upper
95 100
174 94.3 0.0 176.0
176 90.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion: 117 Resp: 224664
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 32.5 25.7 38.5

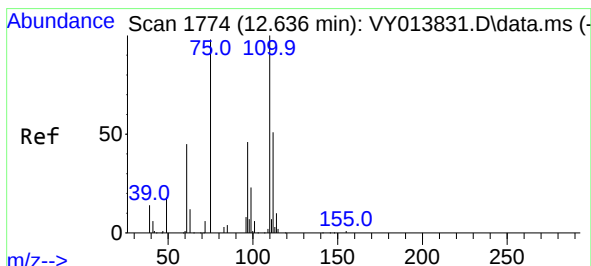
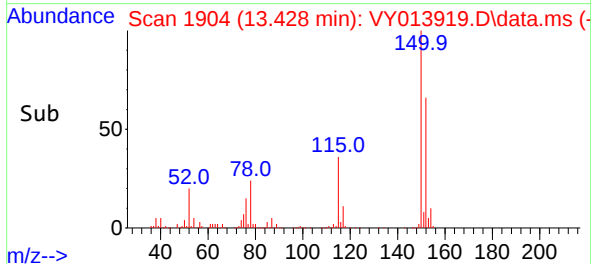
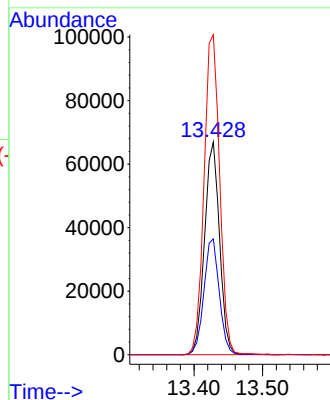
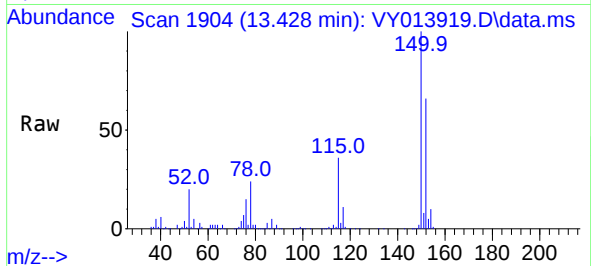




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

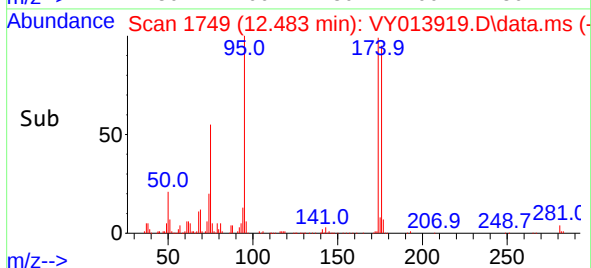
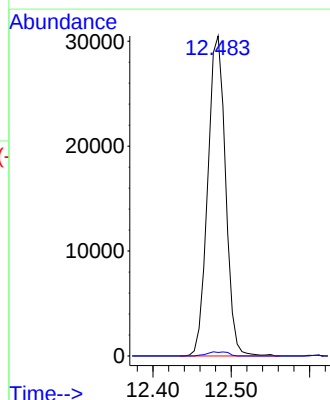
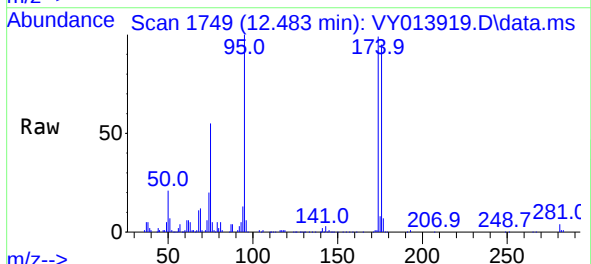
Instrument :
MSVOA_Y
ClientSampleId :
SB23RE

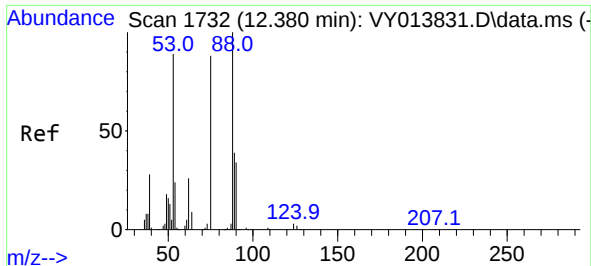
Tgt Ion:152 Resp: 102118
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 156.8 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 39.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion: 75 Resp: 48017
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

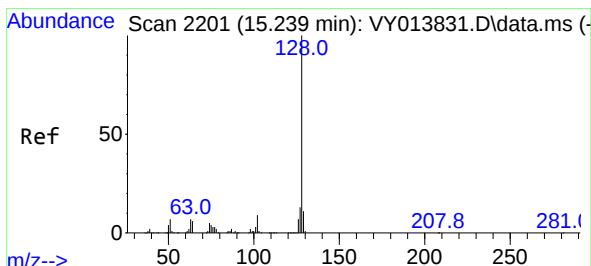
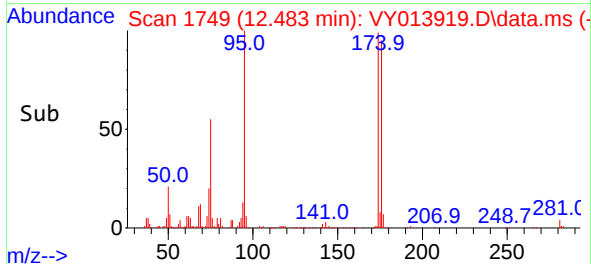
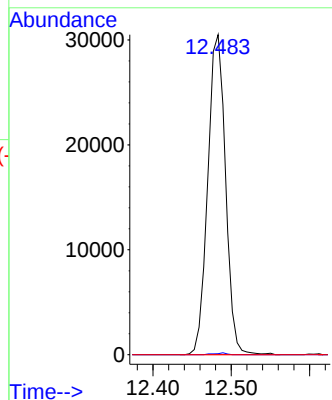
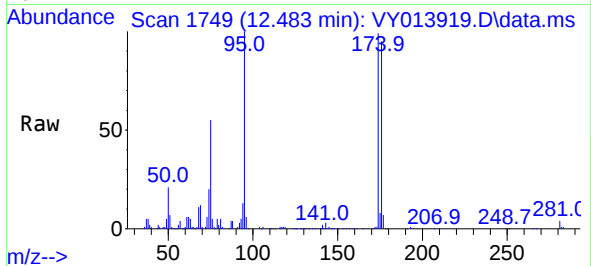




#81
trans-1,4-Dichloro-2-butene
Concen: 86.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Instrument :
MSVOA_Y
ClientSampleId :
SB23RE

Tgt Ion: 75 Resp: 48017
Ion Ratio Lower Upper
75 100
53 0.4 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.660 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion: 128 Resp: 534
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

