

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013844.D
 Acq On : 24 May 2023 14:25
 Operator : KP/MD
 Sample : 02899-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB01

Quant Time: May 25 07:08:26 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)

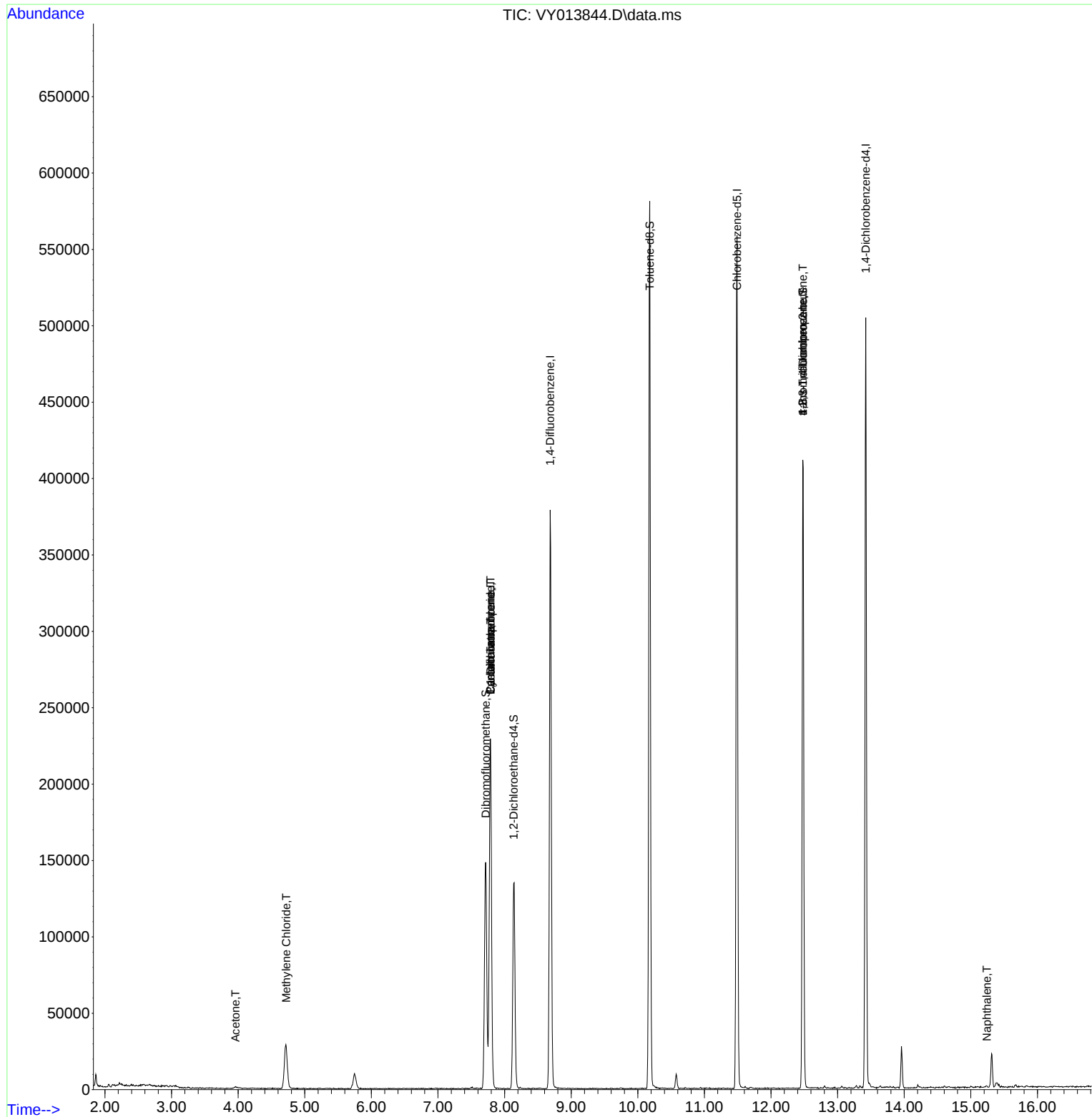
Internal Standards						
1) Pentafluorobenzene	7.789	168	181386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304437	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	291603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113816	54.238	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.480%	
35) Dibromofluoromethane	7.716	113	101756	51.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.179	98	373355	49.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	12.477	95	113595	45.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2585	4.150	ug/l #	78
20) Methylene Chloride	4.722	84	20986	7.336	ug/l #	80
31) Cyclohexane	7.789	56	4232	1.313	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	13739	4.588	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17824	5.234	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	63881	43.343	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63881	94.085	ug/l #	10
95) Naphthalene	15.239	128	1031	4.724	ug/l #	77

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

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Quant Title : SW846 8260
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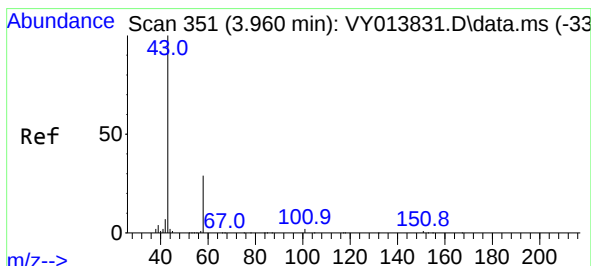
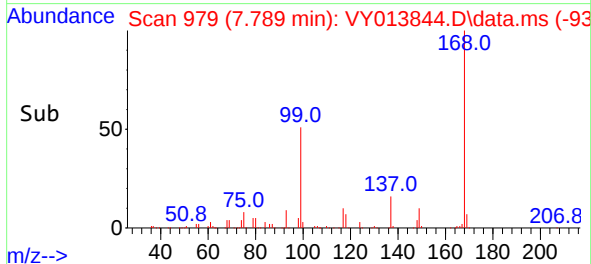
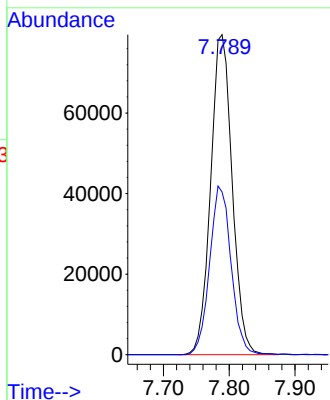
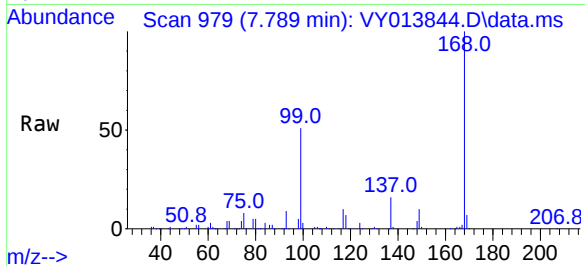




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

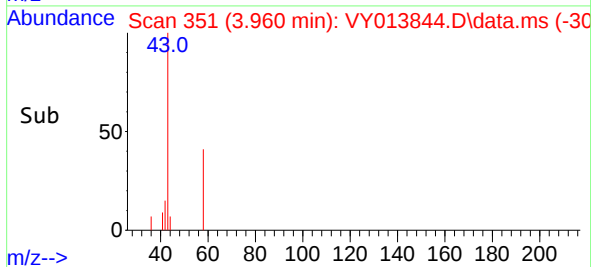
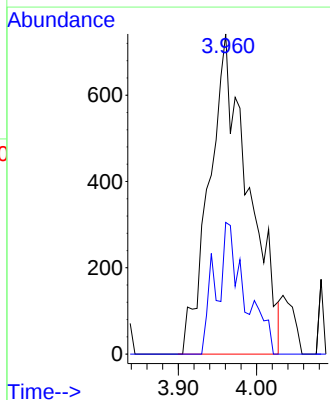
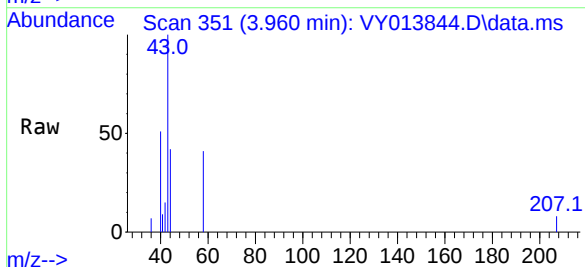
Instrument :
MSVOA_Y
ClientSampleId :
SB01

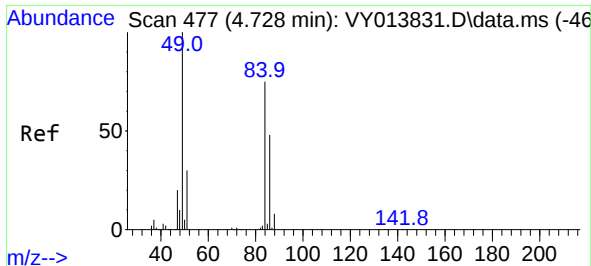
Tgt Ion:168 Resp: 181386
Ion Ratio Lower Upper
168 100
99 50.8 43.4 65.2



#16
Acetone
Concen: 4.150 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

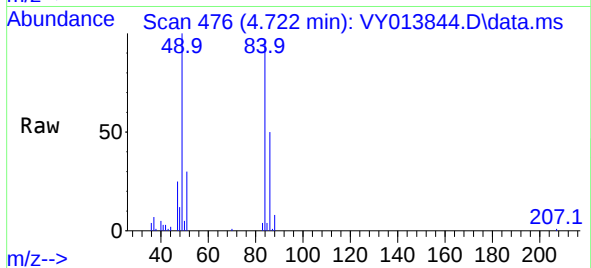
Tgt Ion: 43 Resp: 2585
Ion Ratio Lower Upper
43 100
58 41.1 23.3 34.9#



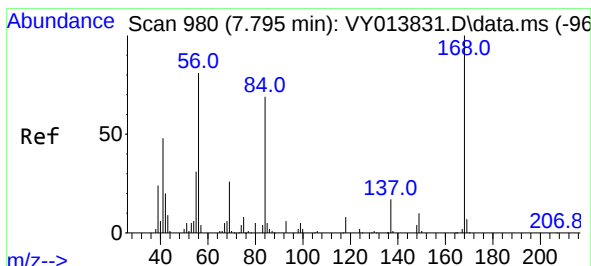
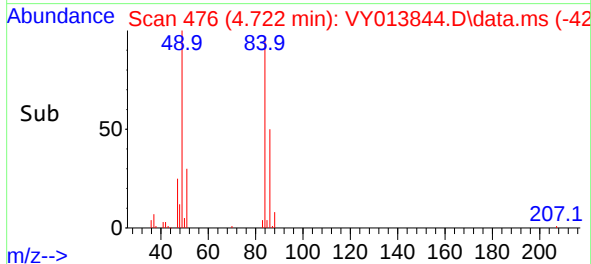
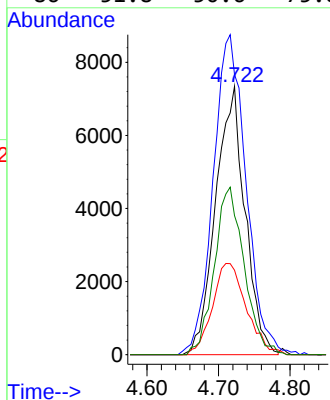


#20
Methylene Chloride
Concen: 7.336 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
SB01

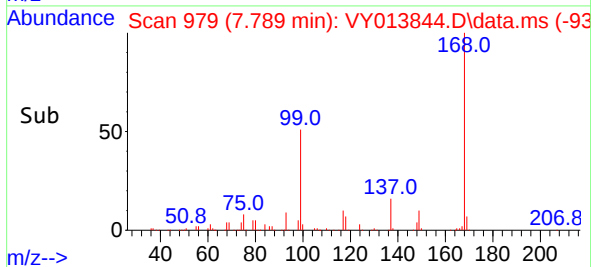
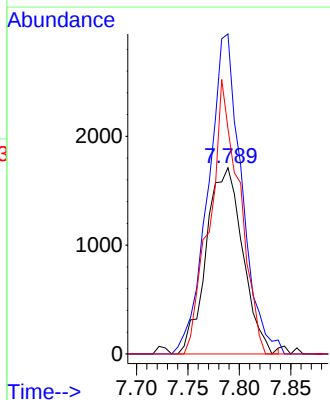
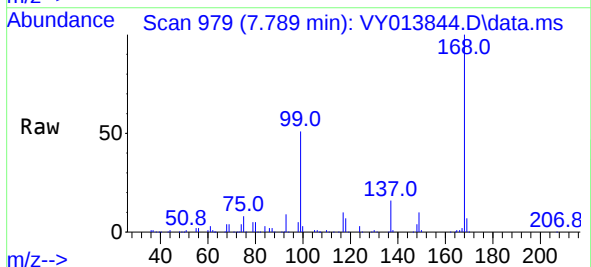


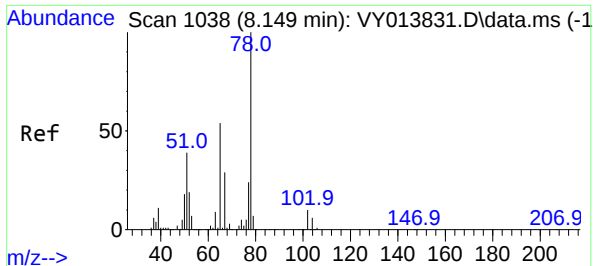
Tgt Ion: 84 Resp: 20986
Ion Ratio Lower Upper
84 100
49 104.4 106.2 159.2#
51 31.5 31.4 47.0
86 51.8 50.6 75.8



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Tgt Ion: 56 Resp: 4232
Ion Ratio Lower Upper
56 100
69 168.0 25.8 38.8#
84 121.1 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 54.238 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY013844.D

Acq: 24 May 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

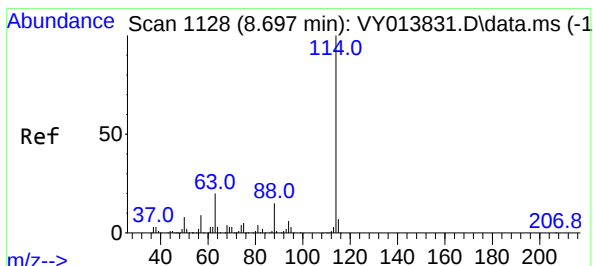
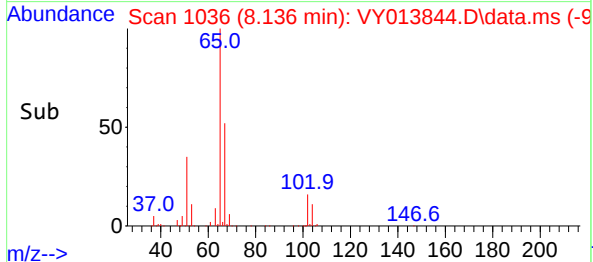
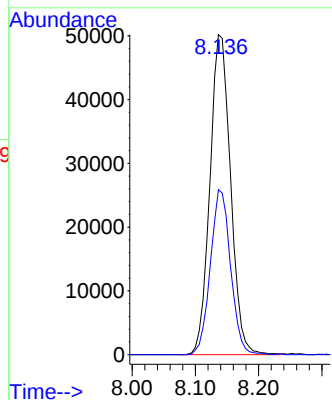
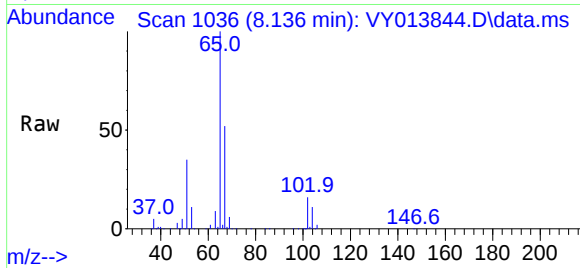
SB01

Tgt Ion: 65 Resp: 113816

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013844.D

Acq: 24 May 2023 14:25

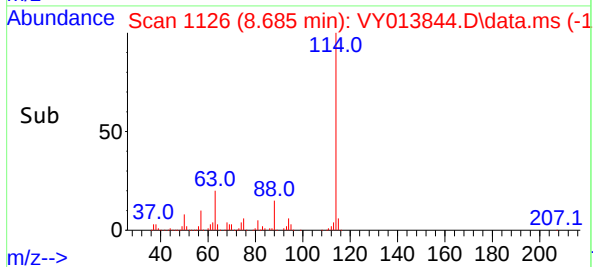
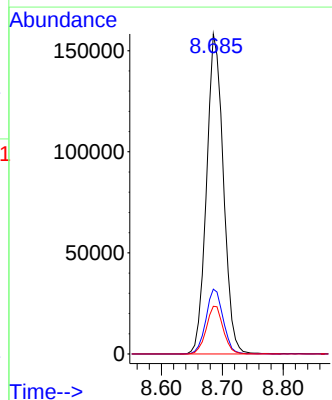
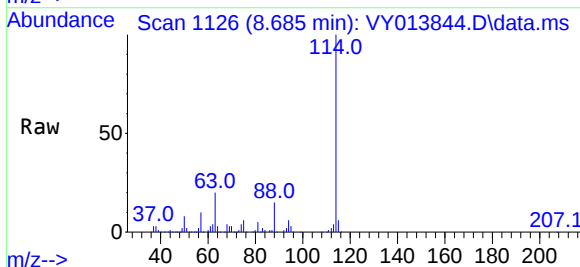
Tgt Ion: 114 Resp: 304437

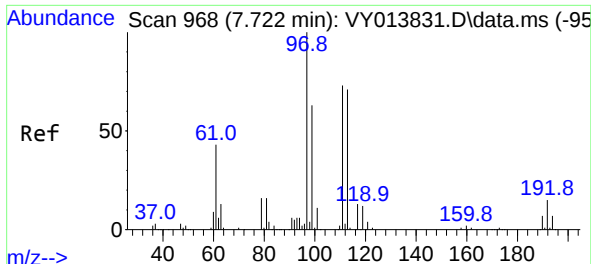
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 14.9 0.0 30.0

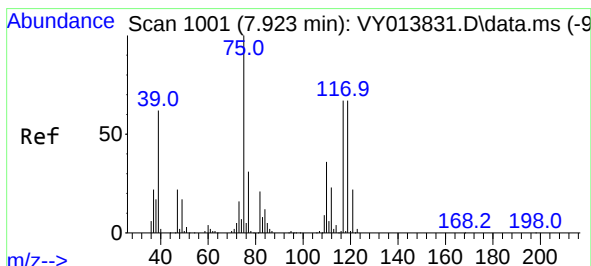
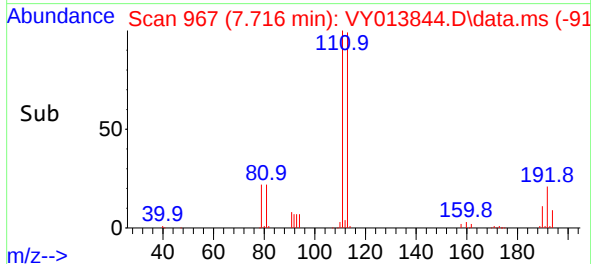
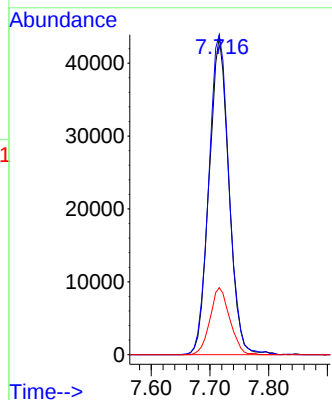
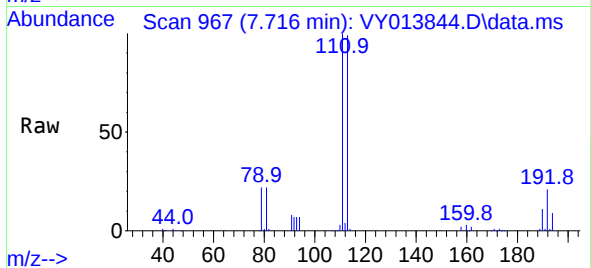




#35
Dibromofluoromethane
Concen: 51.756 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

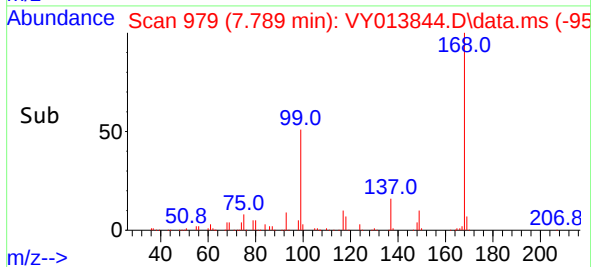
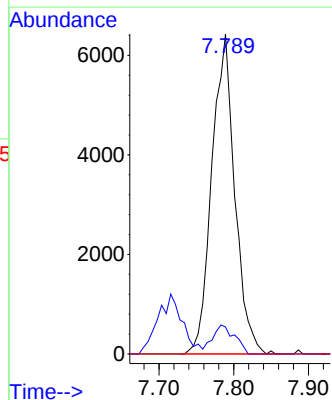
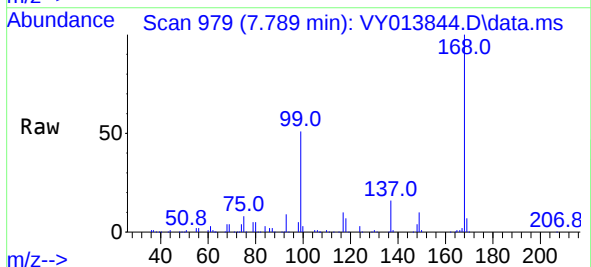
Instrument :
MSVOA_Y
ClientSampleId :
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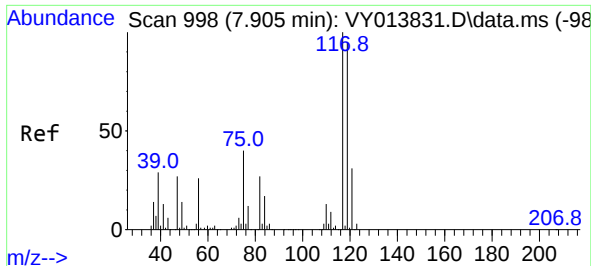
Tgt Ion:113 Resp: 101756
Ion Ratio Lower Upper
113 100
111 103.4 80.4 120.6
192 21.1 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Tgt Ion: 75 Resp: 13739
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.6#
77 0.0 24.4 36.6#

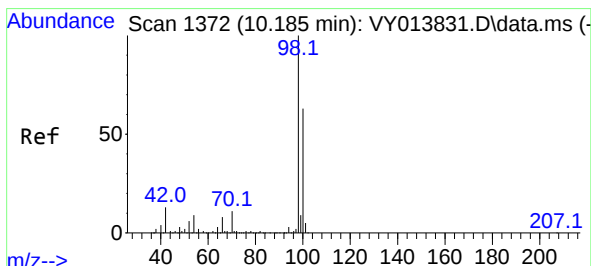
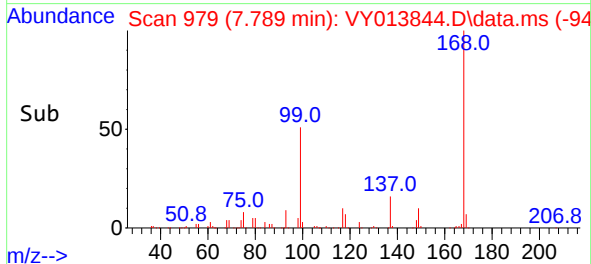
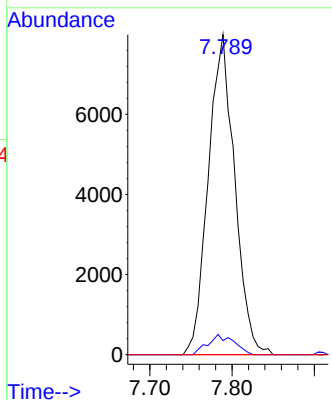
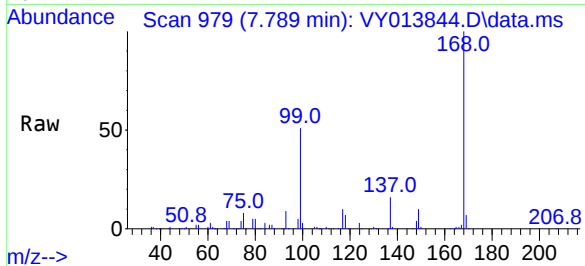




#38
Carbon Tetrachloride
Concen: 5.234 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

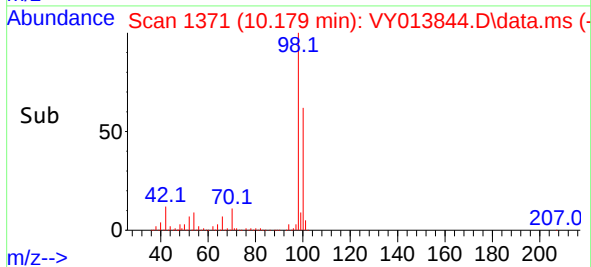
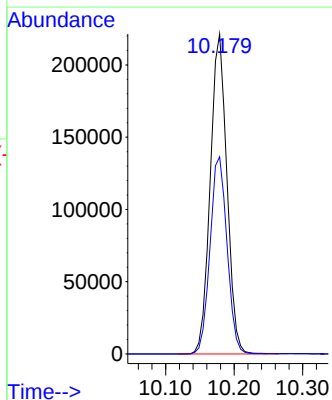
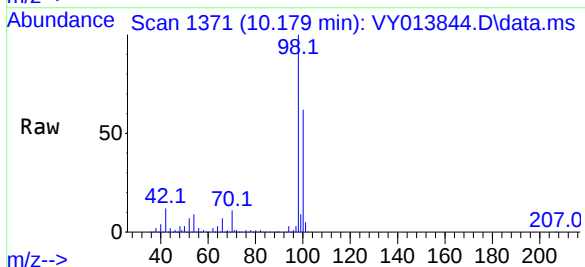
Instrument :
MSVOA_Y
ClientSampleId :
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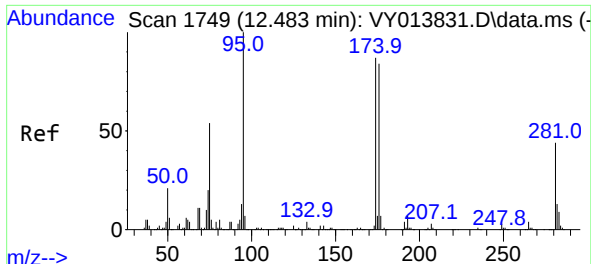
Tgt Ion:117 Resp: 17824
Ion Ratio Lower Upper
117 100
119 4.4 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.964 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Tgt Ion: 98 Resp: 373355
Ion Ratio Lower Upper
98 100
100 62.9 50.8 76.2

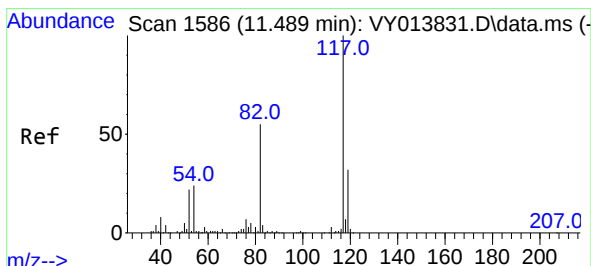
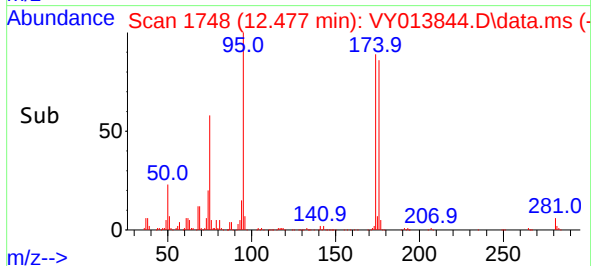
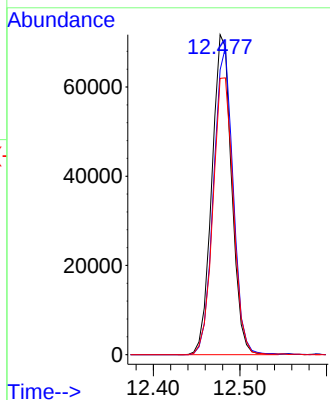
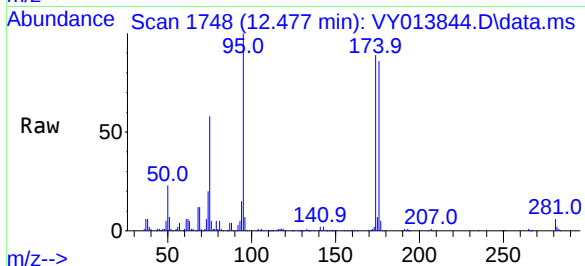




#62
4-Bromofluorobenzene
Concen: 45.734 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

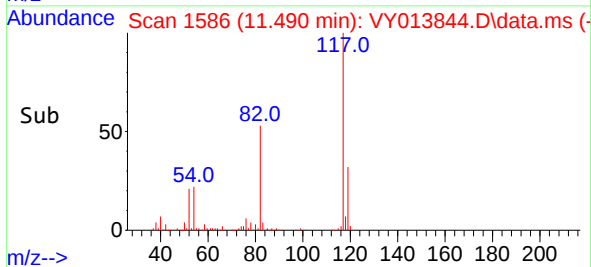
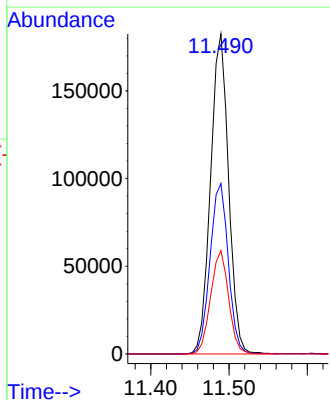
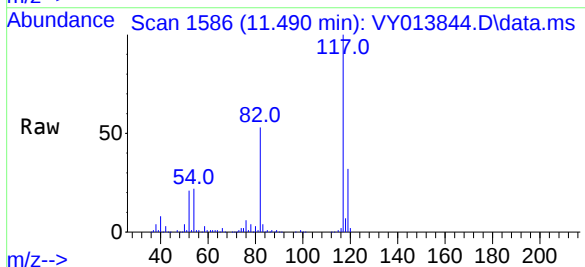
Instrument :
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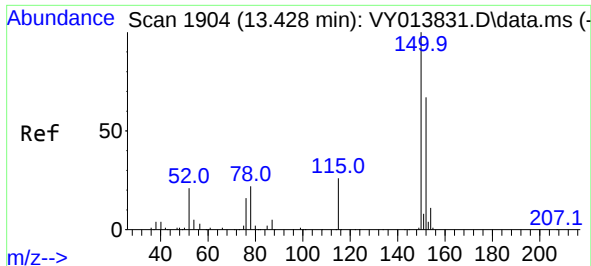
Tgt Ion: 95 Resp: 113595
Ion Ratio Lower Upper
95 100
174 95.1 0.0 176.0
176 89.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Tgt Ion: 117 Resp: 291603
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.4
119 32.3 25.7 38.5

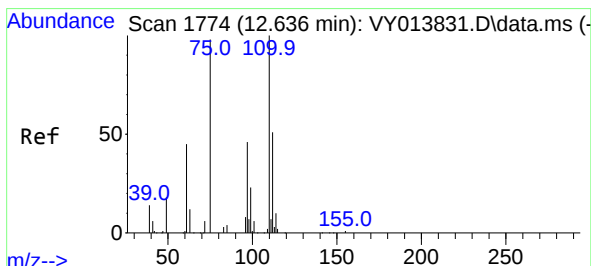
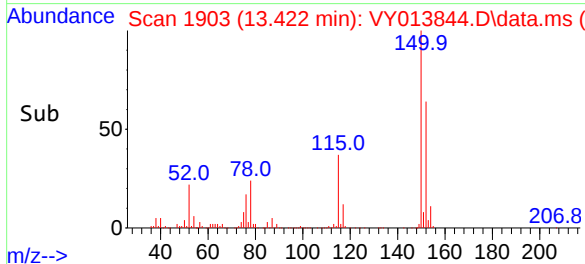
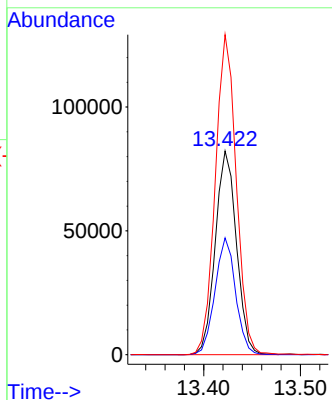
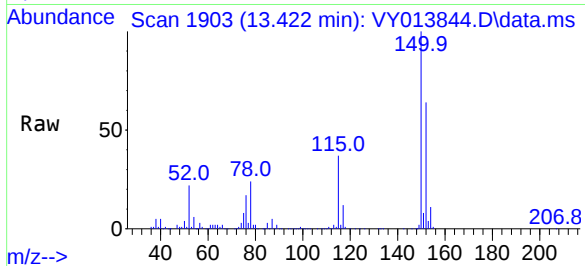




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

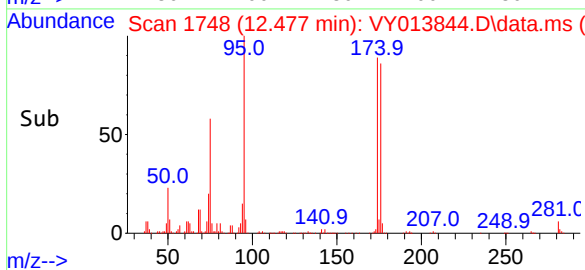
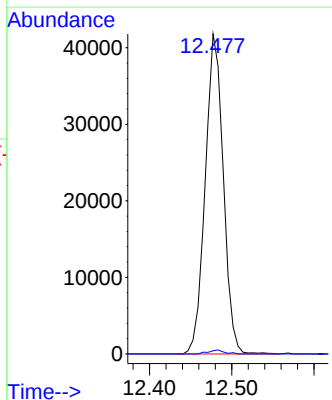
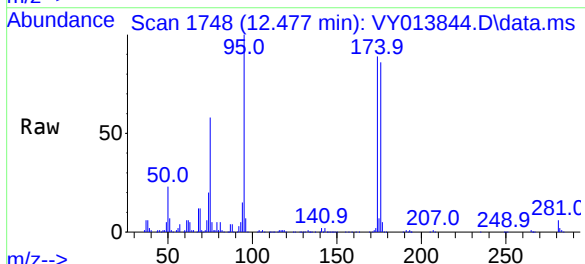
Instrument :
MSVOA_Y
ClientSampleId :
SB01

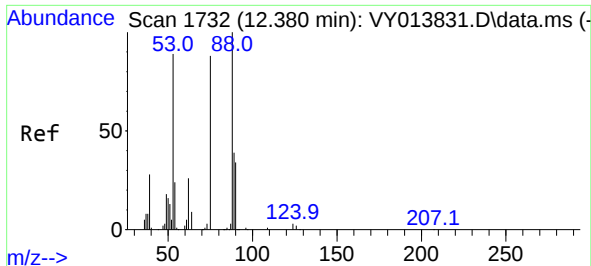
Tgt Ion:152 Resp: 124993
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 156.2 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 43.343 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Tgt Ion: 75 Resp: 63881
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

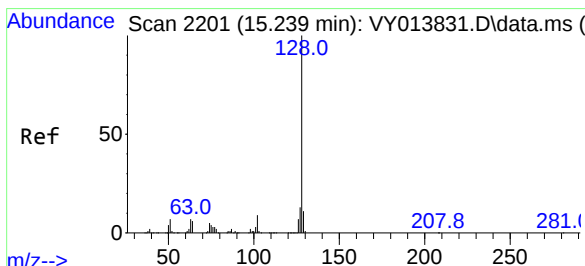
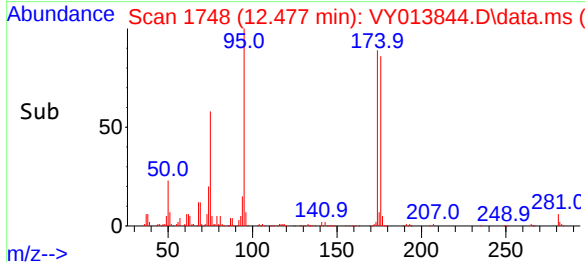
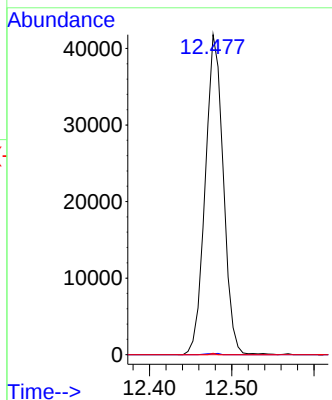
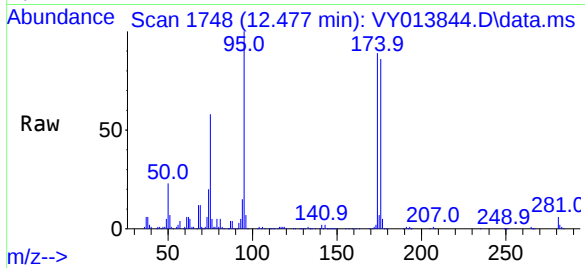




#81
trans-1,4-Dichloro-2-butene
Concen: 94.085 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
SB01

Tgt Ion: 75 Resp: 63881
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.1 36.4 54.6#



#95
Naphthalene
Concen: 4.724 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Tgt Ion: 128 Resp: 1031
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 15.5 9.0 13.4#

