

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013890.D
 Acq On : 26 May 2023 14:02
 Operator : KP/MD
 Sample : VY0526SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0526SBL01

Quant Time: May 26 16:44:27 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)

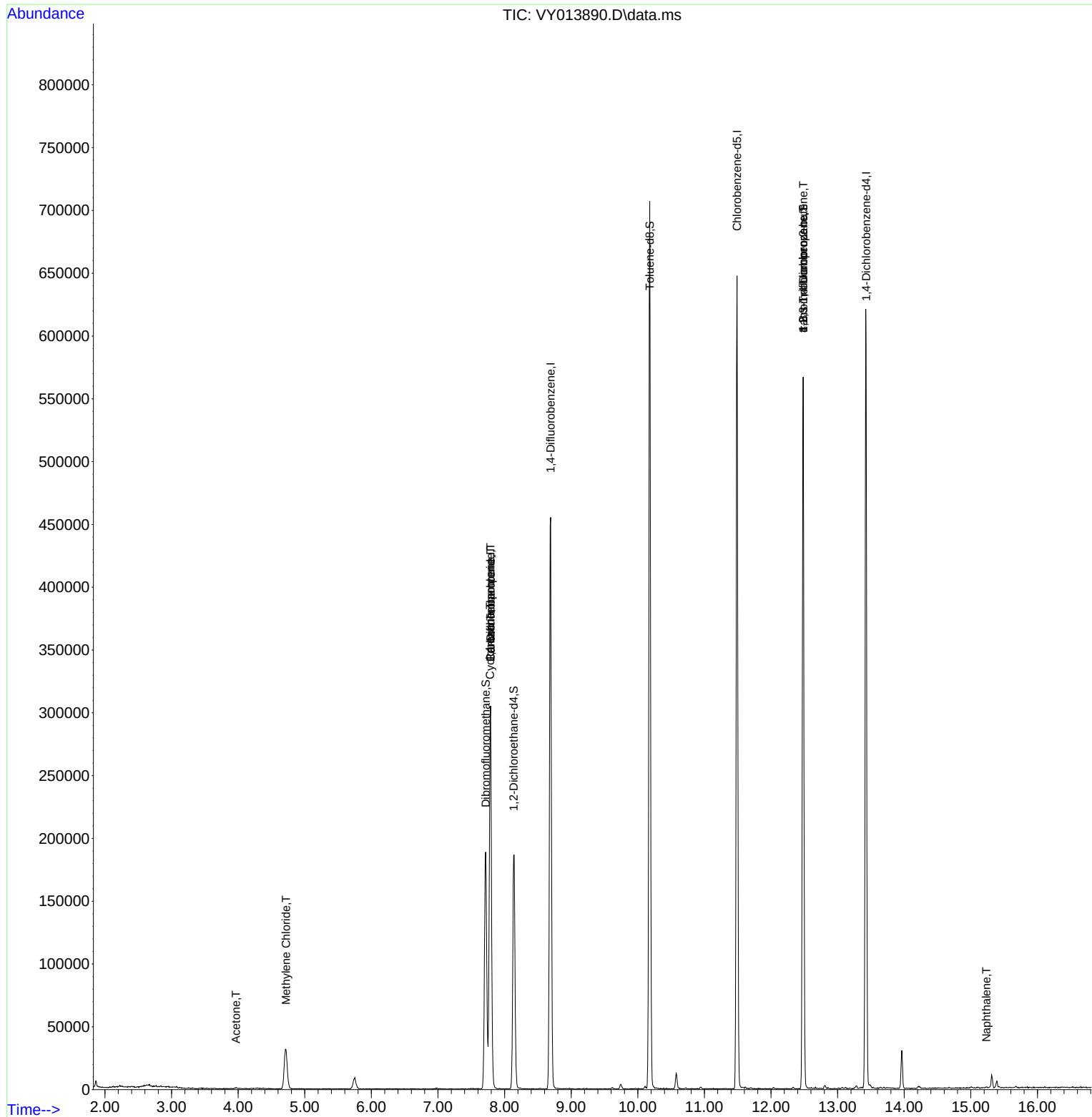
Internal Standards						
1) Pentafluorobenzene	7.789	168	233851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	158708	58.663	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.716	113	129569	53.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.920%
50) Toluene-d8	10.179	98	453101	49.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.483	95	145932	47.659	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.320%
Target Compounds						
						Qvalue
16) Acetone	3.966	43	1319	1.643	ug/l	98
20) Methylene Chloride	4.716	84	24480	6.383	ug/l	91
31) Cyclohexane	7.783	56	5142	1.237	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	17738	4.805	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23398	5.573	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	81873	43.421	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81873	94.253	ug/l #	10
95) Naphthalene	15.233	128	931	4.673	ug/l #	68

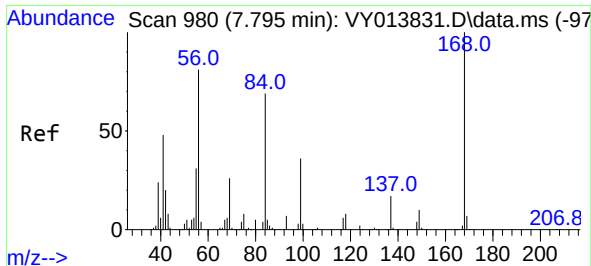
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

Quant Time: May 26 16:44:27 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

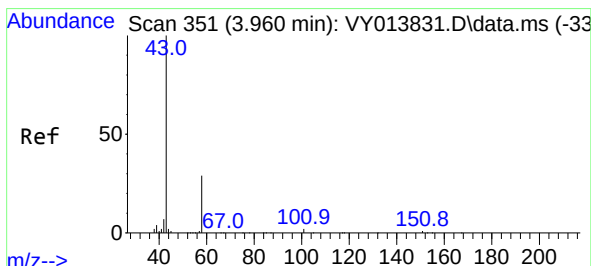
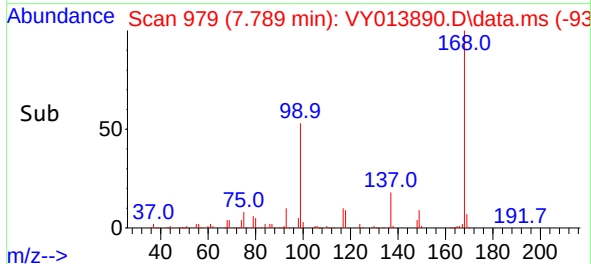
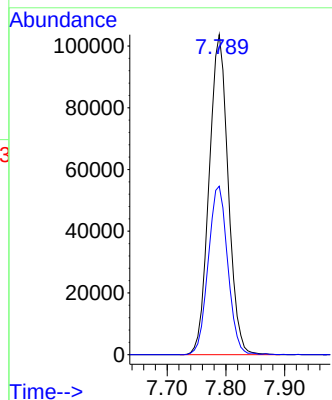
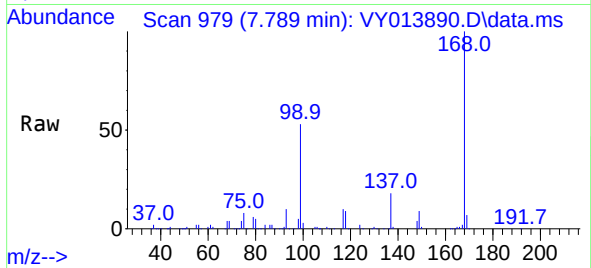




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

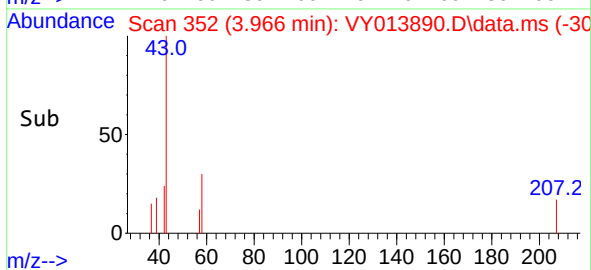
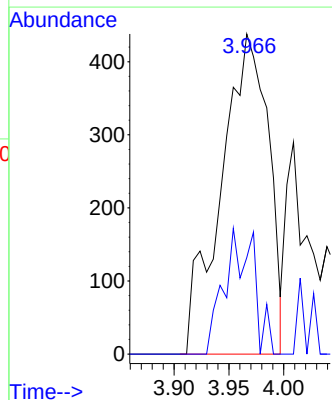
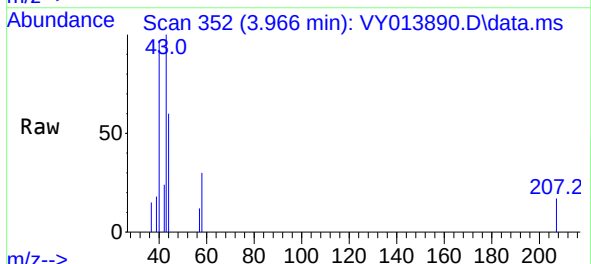
Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

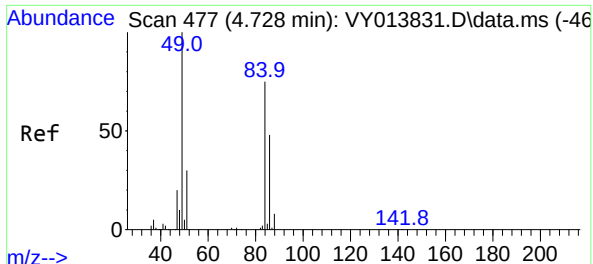
Tgt Ion:168 Resp: 233851
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.2



#16
Acetone
Concen: 1.643 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
58 30.1 23.3 34.9



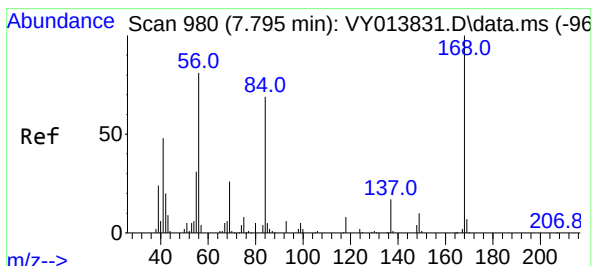
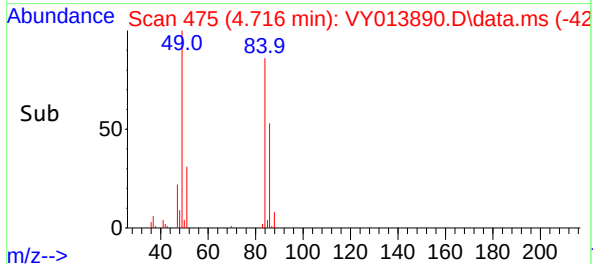
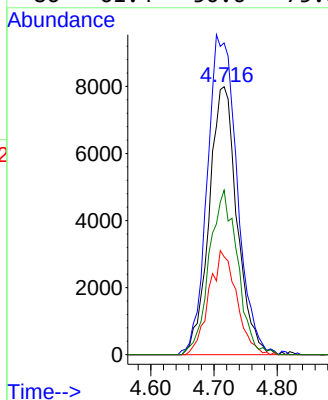
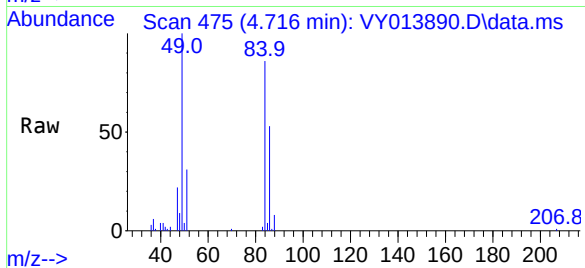


#20
Methylene Chloride
Concen: 6.383 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

Tgt Ion: 84 Resp: 24480

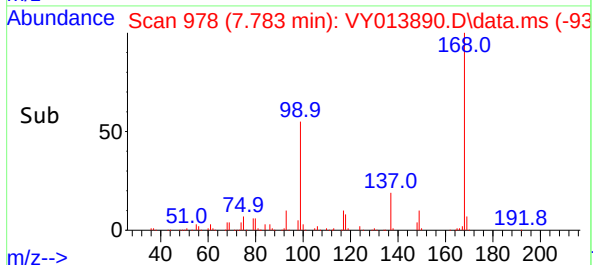
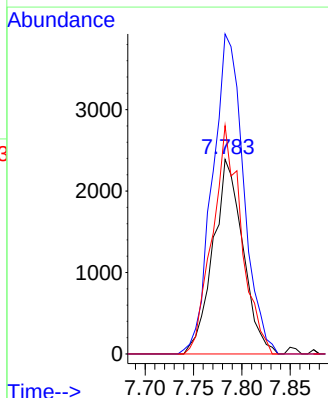
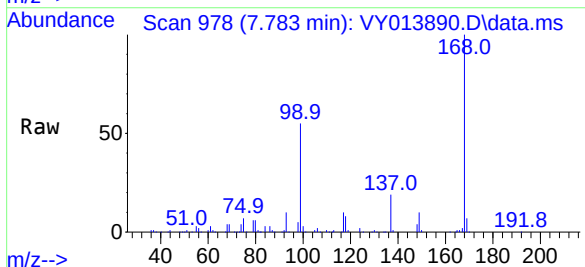
Ion	Ratio	Lower	Upper
84	100		
49	116.3	106.2	159.2
51	36.5	31.4	47.0
86	61.4	50.6	75.8

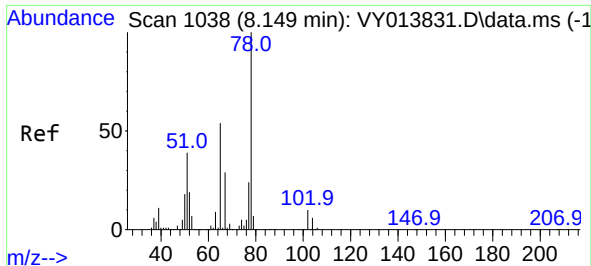


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Tgt Ion: 56 Resp: 5142

Ion	Ratio	Lower	Upper
56	100		
69	164.5	25.8	38.8#
84	117.3	68.2	102.2#





#33

1,2-Dichloroethane-d4

Concen: 58.663 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013890.D

Acq: 26 May 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

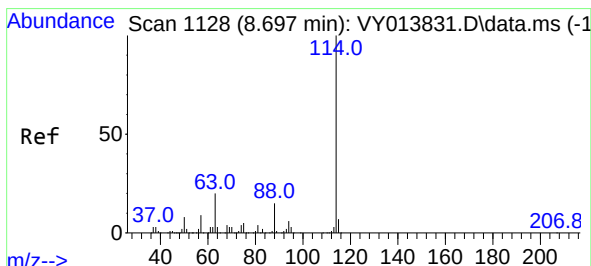
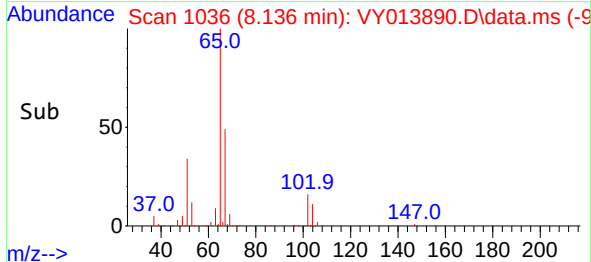
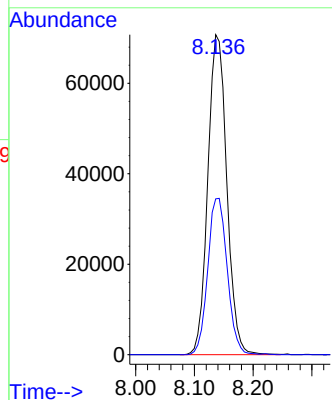
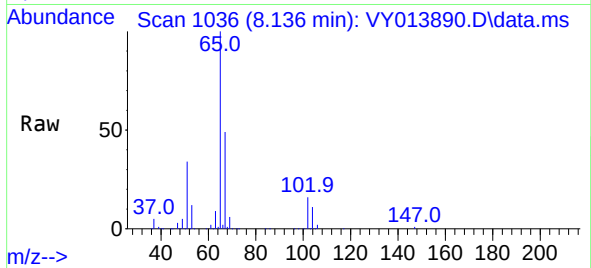
VY0526SBL01

Tgt Ion: 65 Resp: 158708

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013890.D

Acq: 26 May 2023 14:02

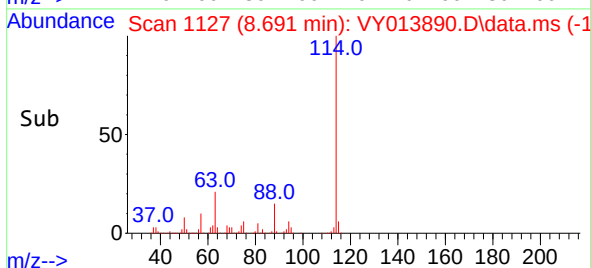
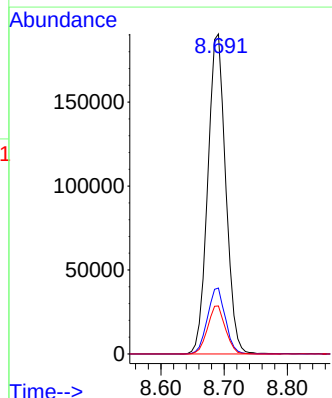
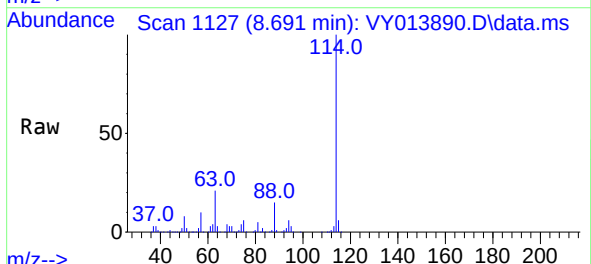
Tgt Ion:114 Resp: 375300

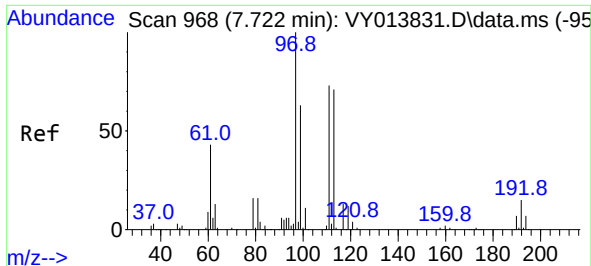
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.0 0.0 30.0

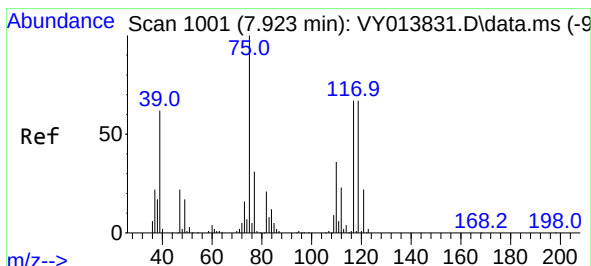
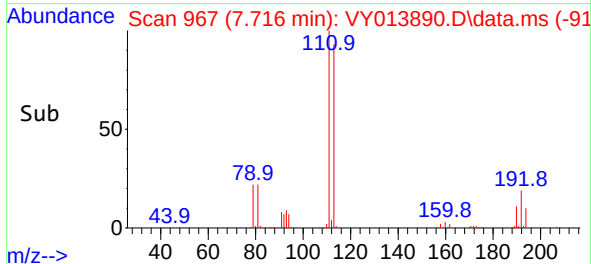
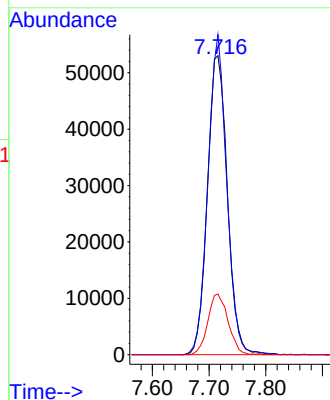
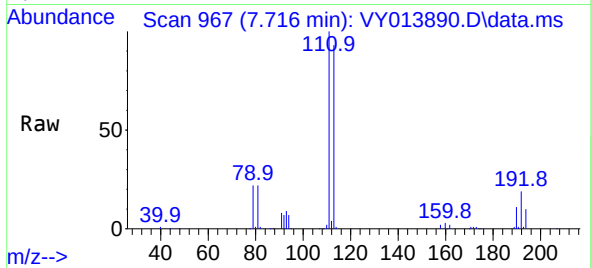




#35
Dibromofluoromethane
Concen: 53.459 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

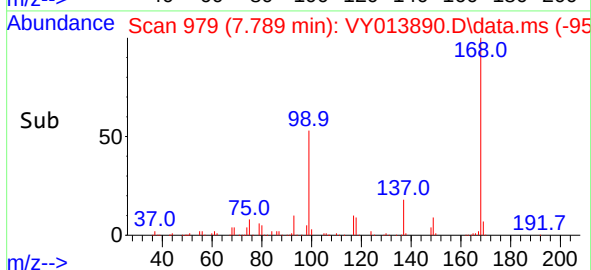
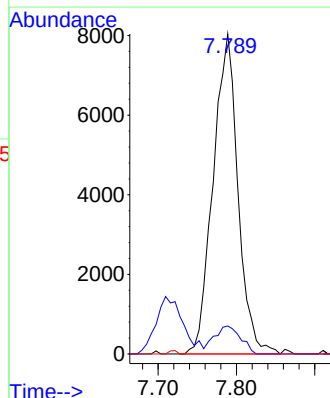
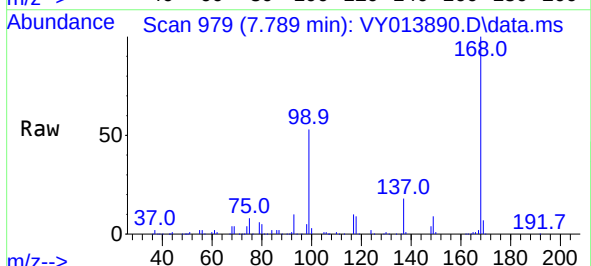
Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

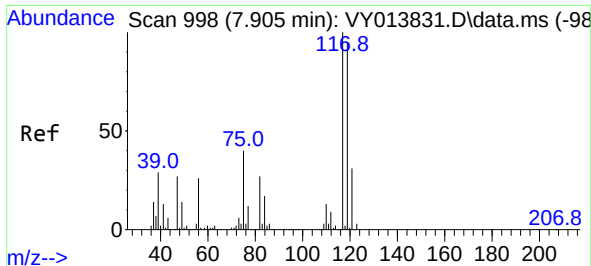
Tgt Ion:113 Resp: 129569
Ion Ratio Lower Upper
113 100
111 101.3 80.4 120.6
192 20.6 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Tgt Ion: 75 Resp: 17738
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.6#
77 0.0 24.4 36.6#

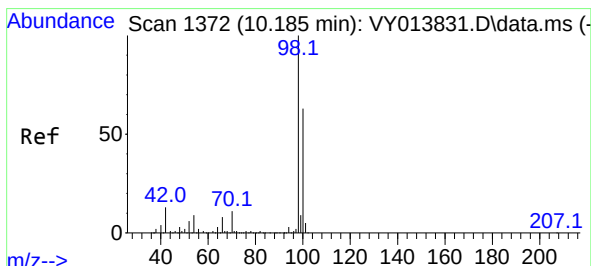
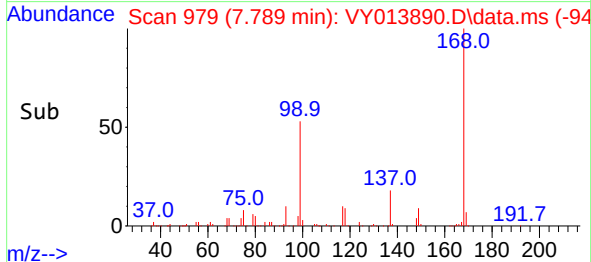
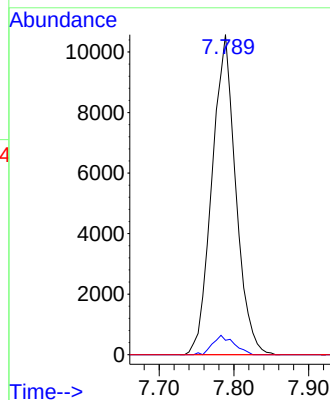
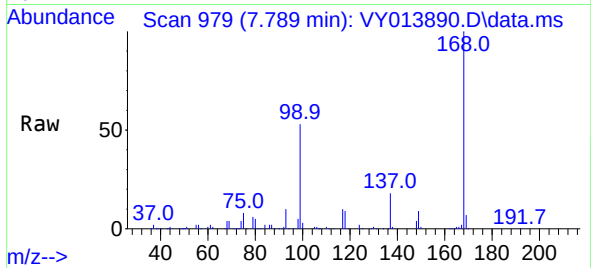




#38
Carbon Tetrachloride
Concen: 5.573 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

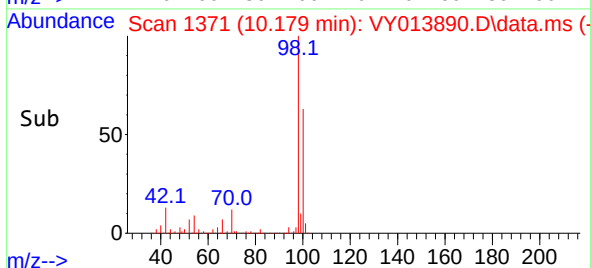
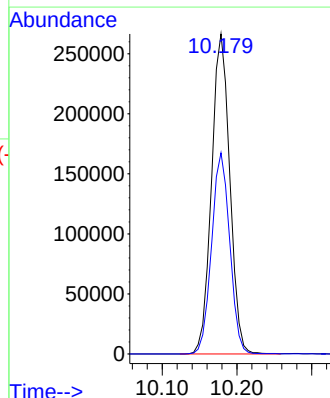
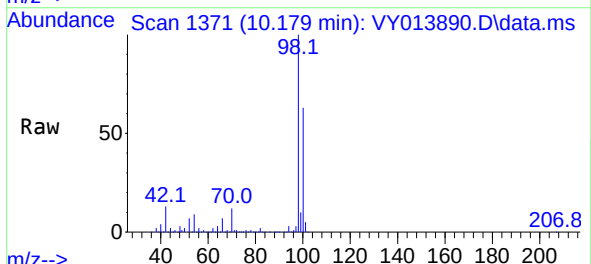
Instrument :
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ClientSampleId :
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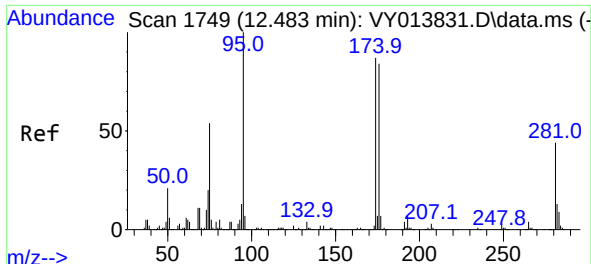
Tgt Ion:117 Resp: 23398
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.187 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Tgt Ion: 98 Resp: 453101
Ion Ratio Lower Upper
98 100
100 62.5 50.8 76.2

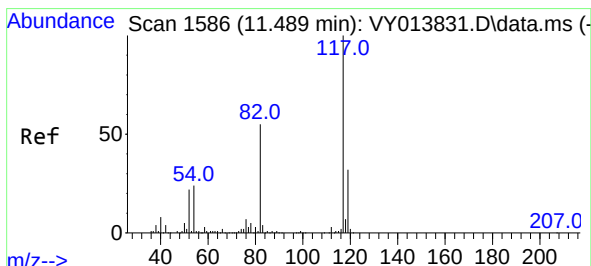
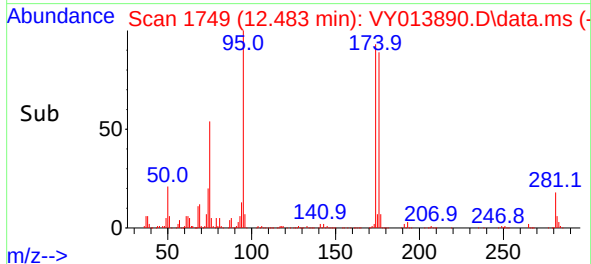
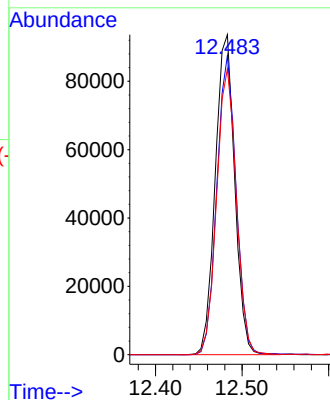
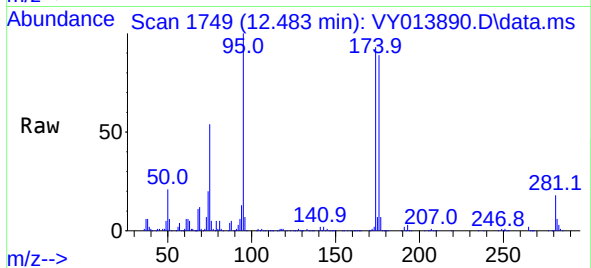




#62
4-Bromofluorobenzene
Concen: 47.659 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

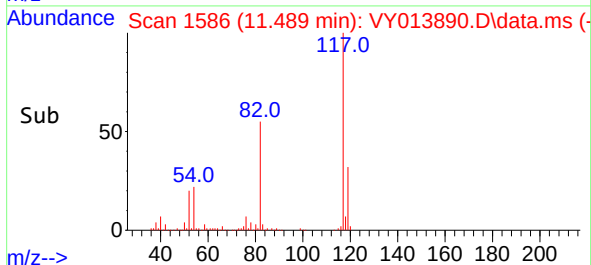
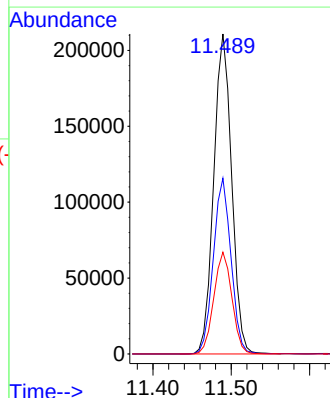
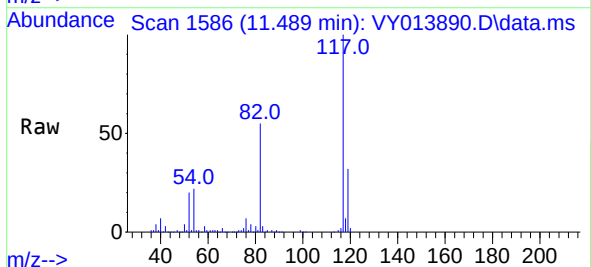
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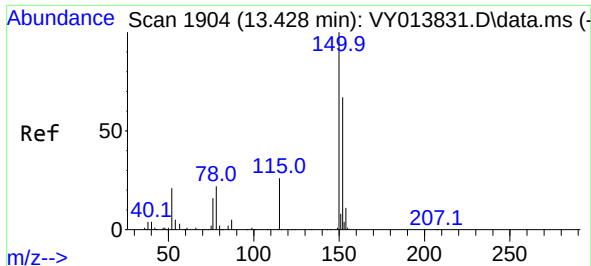
Tgt Ion: 95 Resp: 145932
Ion Ratio Lower Upper
95 100
174 93.1 0.0 176.0
176 90.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Tgt Ion: 117 Resp: 334914
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.8 25.7 38.5

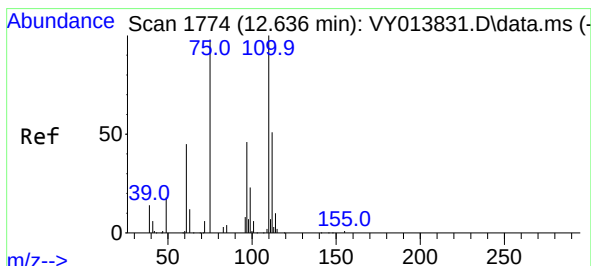
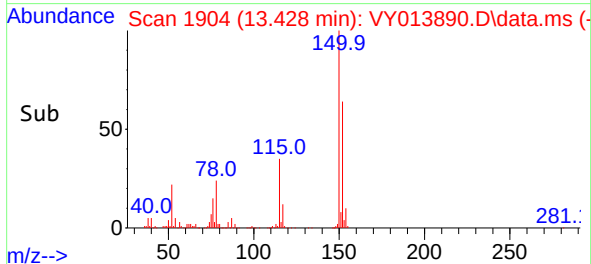
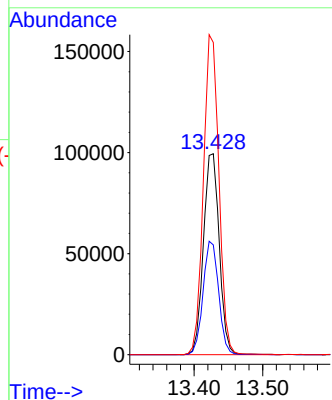
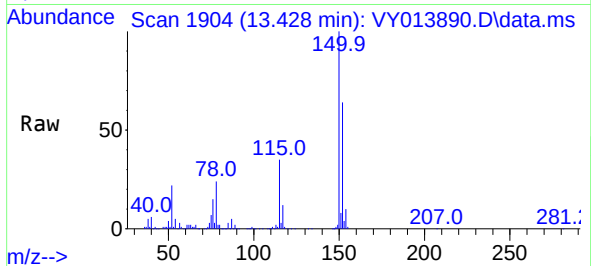




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013890.D
 Acq: 26 May 2023 14:02

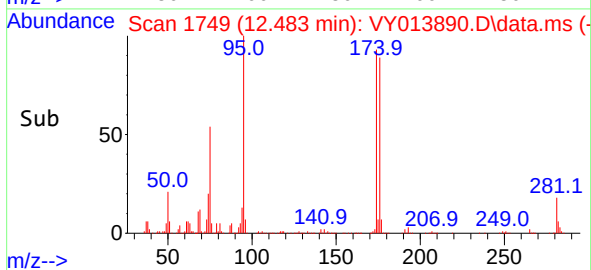
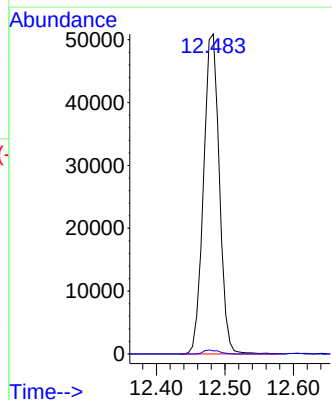
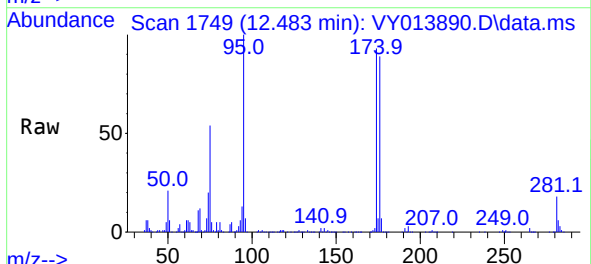
Instrument :
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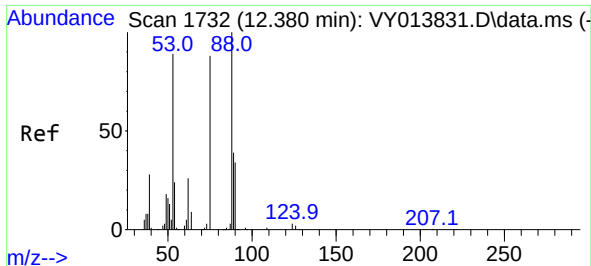
Tgt Ion:152 Resp: 159911
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.8 86.5
 150 156.0 0.0 353.4



#76
 1,2,3-Trichloropropane
 Concen: 43.421 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY013890.D
 Acq: 26 May 2023 14:02

Tgt Ion: 75 Resp: 81873
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

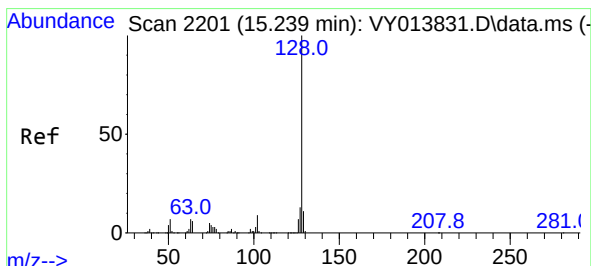
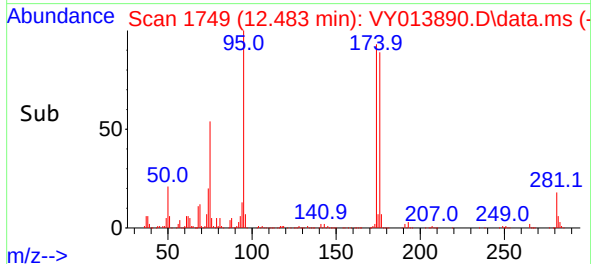
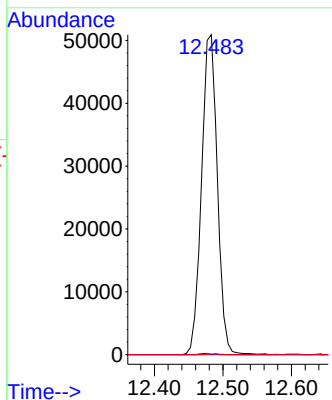
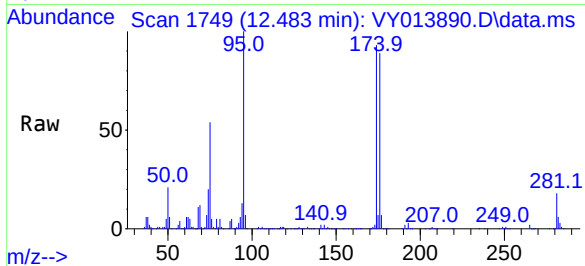




#81
trans-1,4-Dichloro-2-butene
Concen: 94.253 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

Tgt Ion: 75 Resp: 81873
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.2 36.4 54.6#



#95
Naphthalene
Concen: 4.673 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.007 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Tgt Ion: 128 Resp: 931
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

