

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013872.D
 Acq On : 25 May 2023 14:49
 Operator : KP/MD
 Sample : 02894-01
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-40A

Quant Time: May 26 04:33:40 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	169288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289584	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	295316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112633	57.510	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.020%
35) Dibromofluoromethane	7.716	113	98753	52.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.600%
50) Toluene-d8	10.179	98	364319	51.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.477	95	125087	52.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.880%

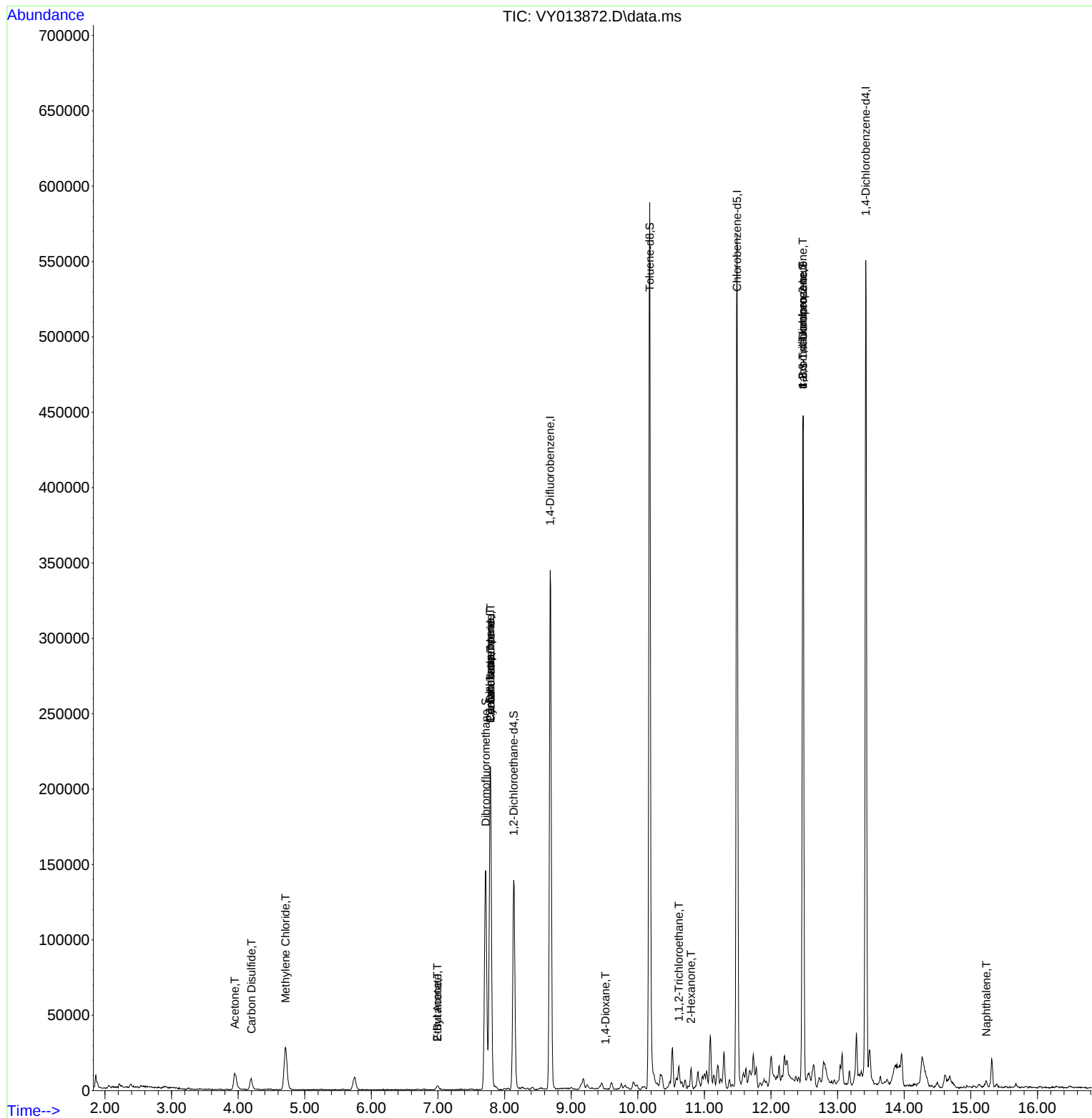
Target Compounds					Qvalue
16) Acetone	3.948	43	22457	38.634	ug/l # 89
17) Carbon Disulfide	4.198	76	13693	2.770	ug/l # 92
20) Methylene Chloride	4.710	84	20126	7.612	ug/l # 96
25) 2-Butanone	6.990	43	5016	7.072	ug/l # 79
31) Cyclohexane	7.789	56	4148	1.378	ug/l # 7
36) 1,1-Dichloropropene	7.783	75	13059	4.585	ug/l # 51
37) Ethyl Acetate	6.990	43	5016	2.887	ug/l # 71
38) Carbon Tetrachloride	7.789	117	16444	5.076	ug/l # 17
49) 1,4-Dioxane	9.514	88	22	1.560	ug/l # 13
55) 1,1,2-Trichloroethane	10.618	97	4803	2.974	ug/l # 16
59) 2-Hexanone	10.801	43	5181	4.317	ug/l # 33
76) 1,2,3-Trichloropropane	12.477	75	70002	42.739	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	70002	92.773	ug/l # 11
95) Naphthalene	15.233	128	2099	4.871	ug/l # 93

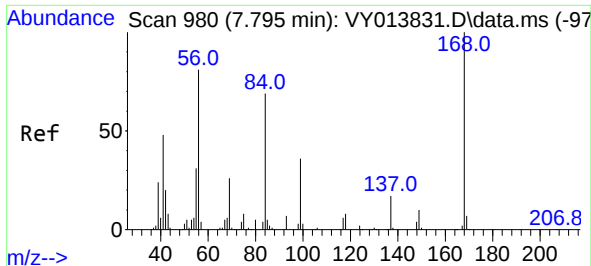
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

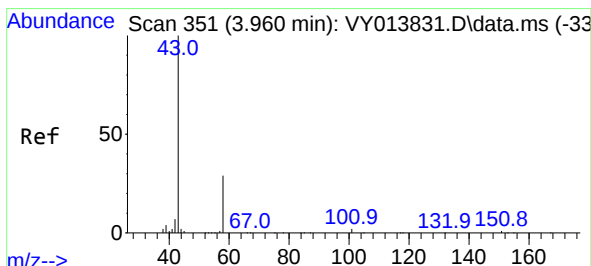
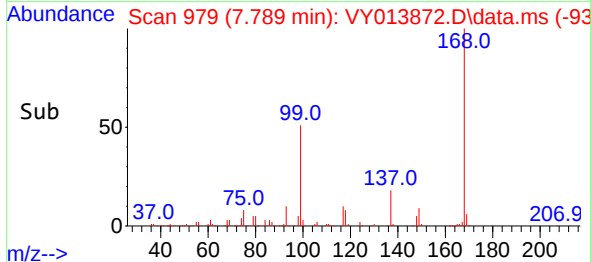
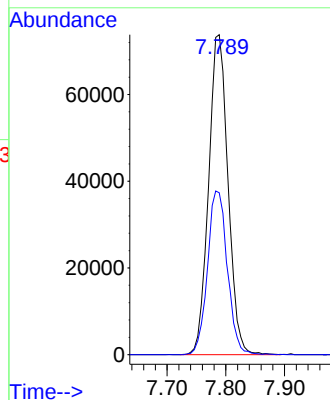
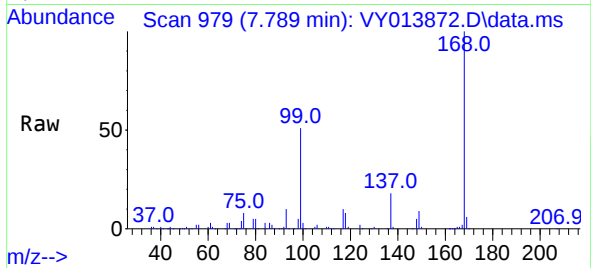




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

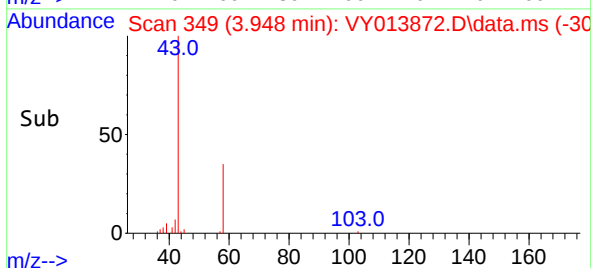
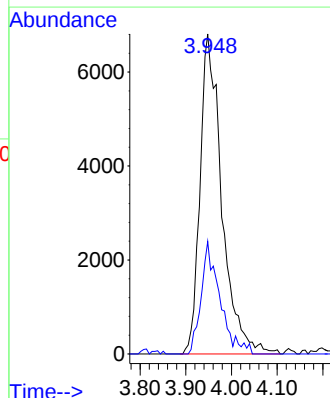
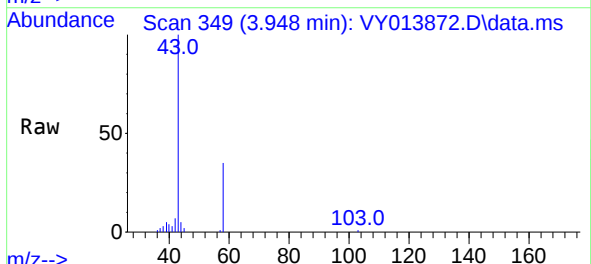
Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

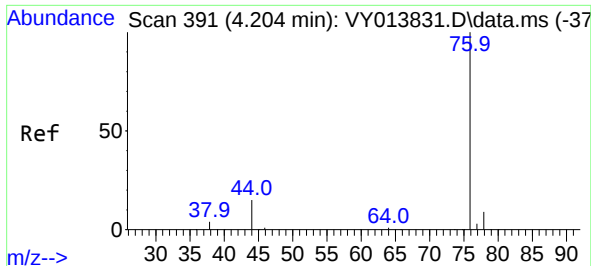
Tgt Ion:168 Resp: 169288
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.2



#16
Acetone
Concen: 38.634 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 43 Resp: 22457
Ion Ratio Lower Upper
43 100
58 35.2 23.3 34.9#

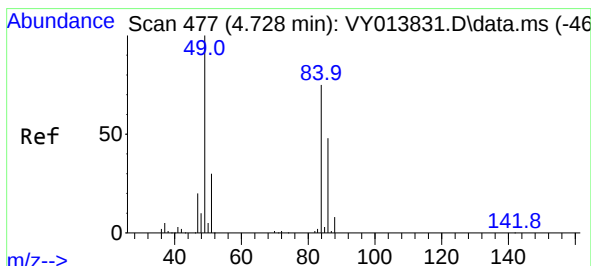
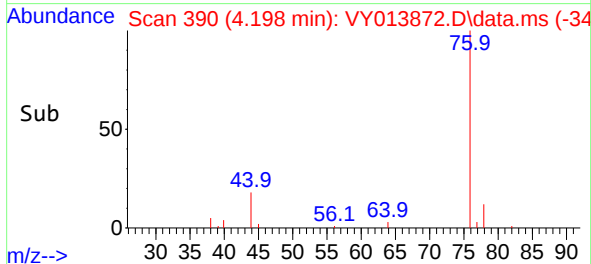
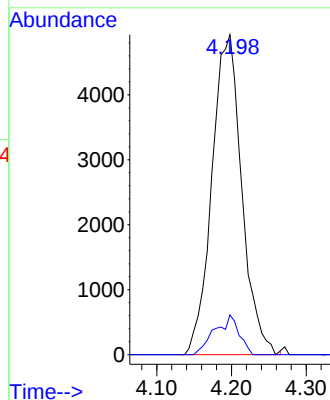
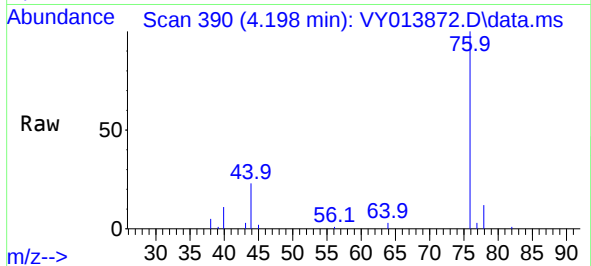




#17
Carbon Disulfide
Concen: 2.770 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

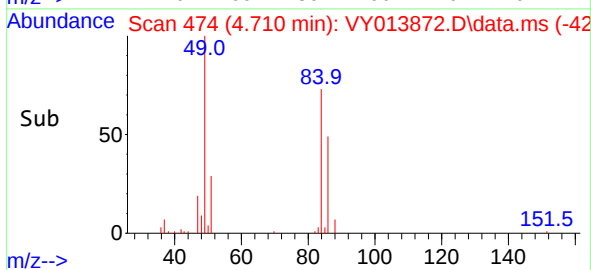
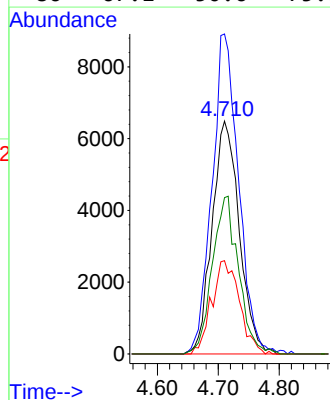
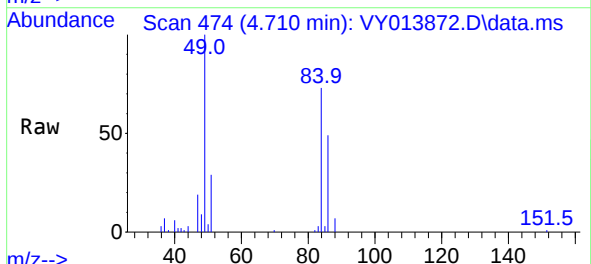
Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

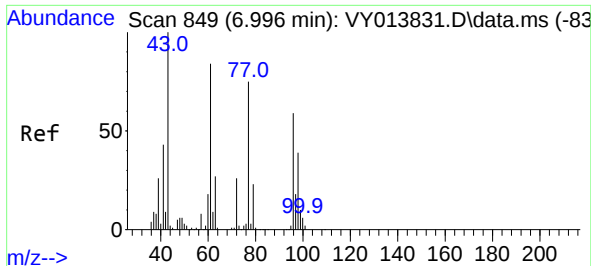
Tgt Ion: 76 Resp: 13693
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3#



#20
Methylene Chloride
Concen: 7.612 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 84 Resp: 20126
Ion Ratio Lower Upper
84 100
49 137.5 106.2 159.2
51 40.1 31.4 47.0
86 67.1 50.6 75.8

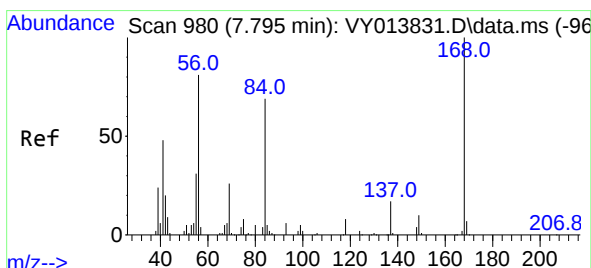
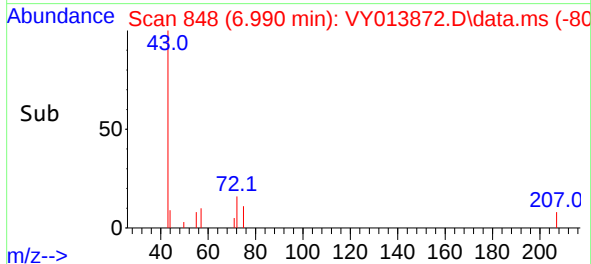
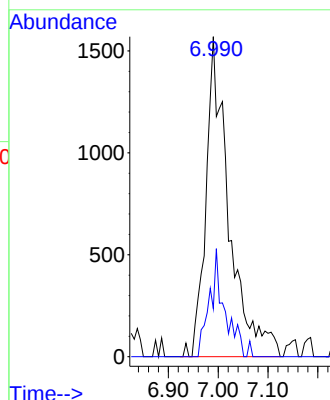
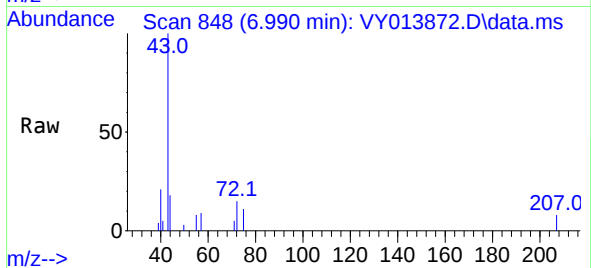




#25
2-Butanone
Concen: 7.072 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

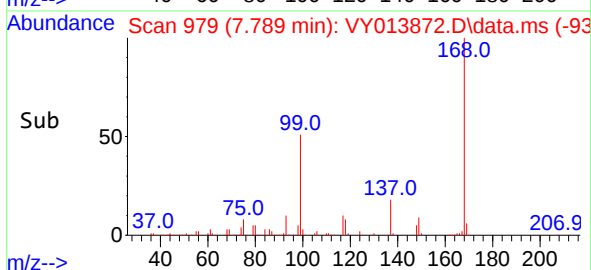
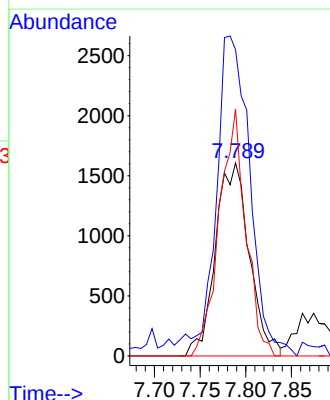
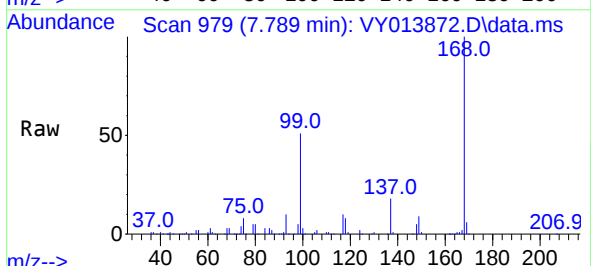
Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

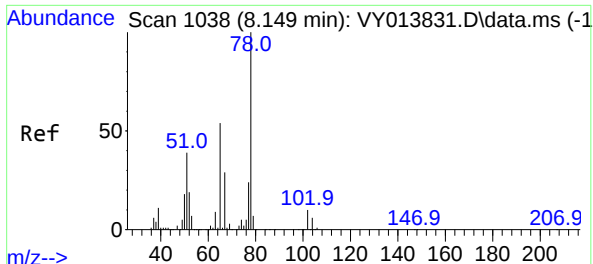
Tgt Ion: 43 Resp: 5016
Ion Ratio Lower Upper
43 100
72 15.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 56 Resp: 4148
Ion Ratio Lower Upper
56 100
69 151.8 25.8 38.8#
84 128.0 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 57.510 ug/l

RT: 8.136 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013872.D

Acq: 25 May 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

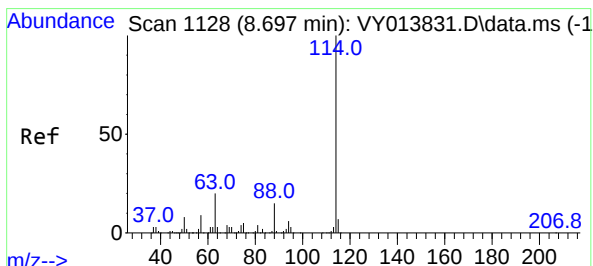
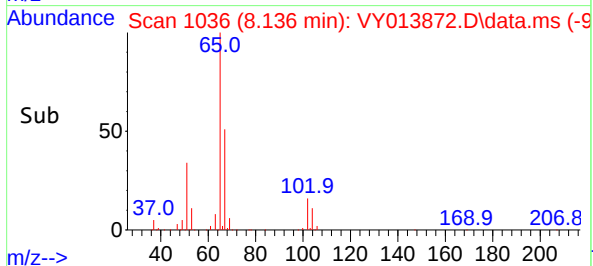
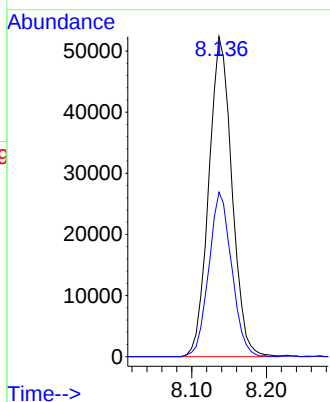
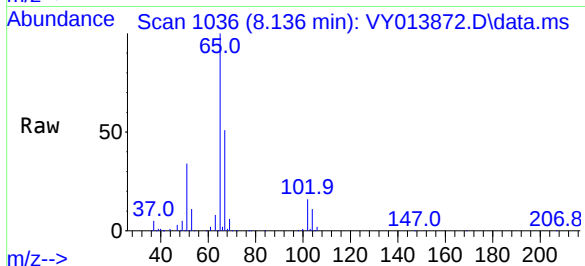
TP-40A

Tgt Ion: 65 Resp: 112633

Ion Ratio Lower Upper

65 100

67 50.9 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: VY013872.D

Acq: 25 May 2023 14:49

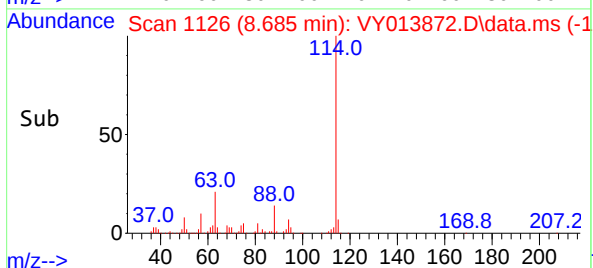
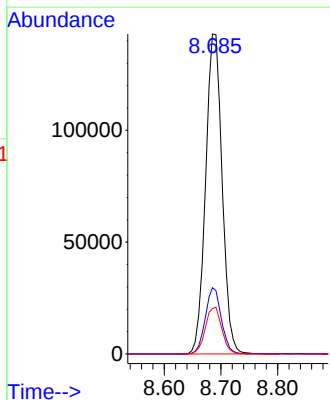
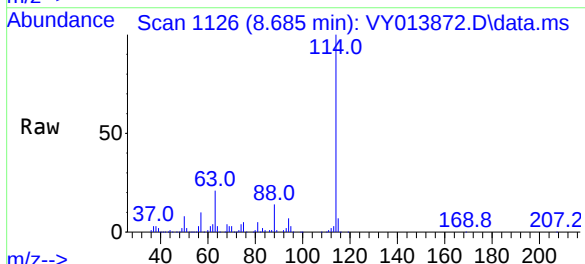
Tgt Ion:114 Resp: 289584

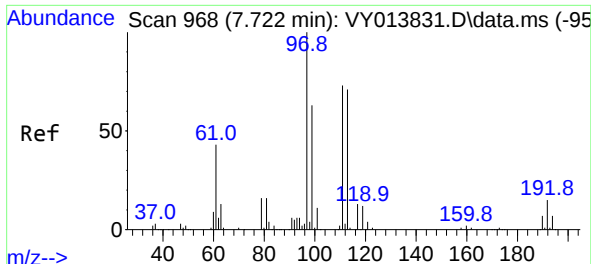
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 14.1 0.0 30.0

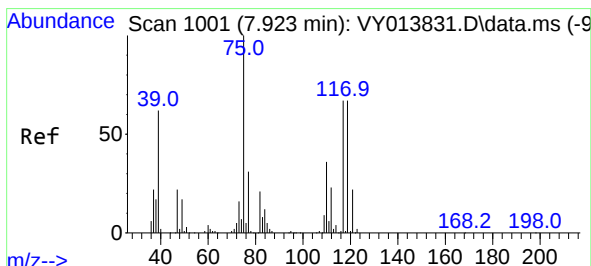
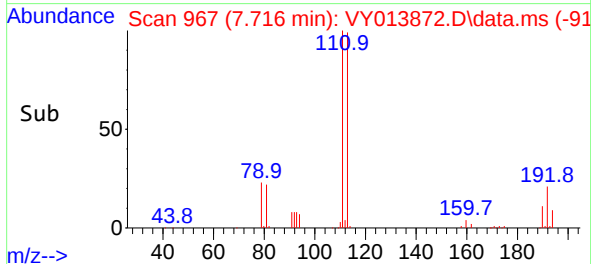
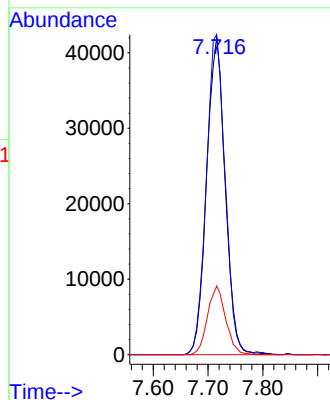
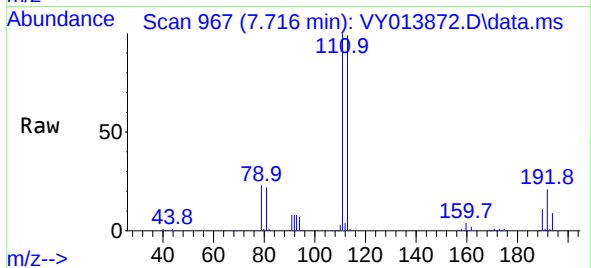




#35
Dibromofluoromethane
Concen: 52.805 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

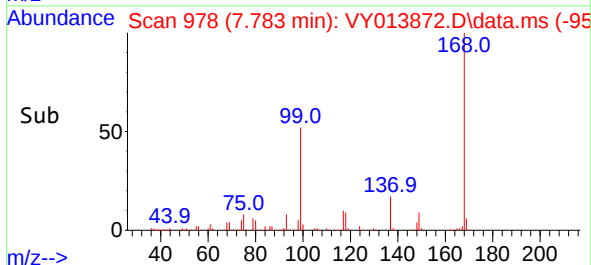
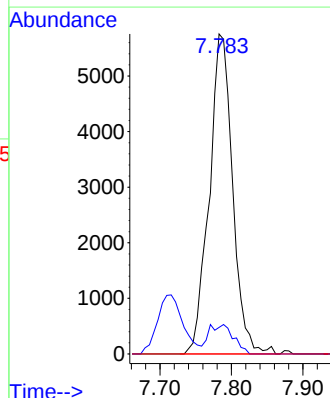
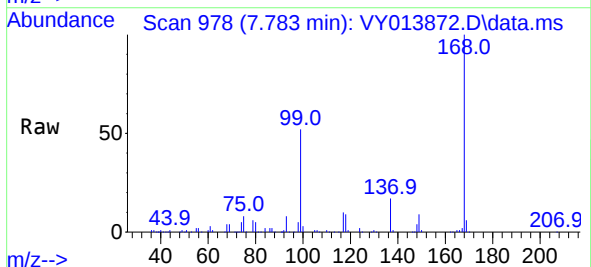
Instrument :
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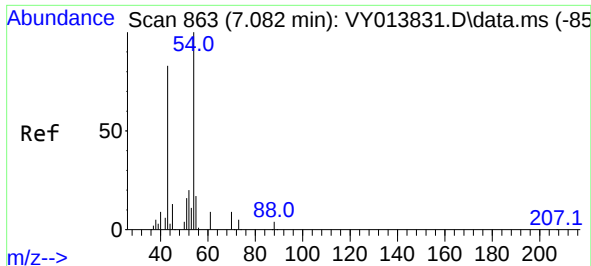
Tgt Ion:113 Resp: 98753
Ion Ratio Lower Upper
113 100
111 102.6 80.4 120.6
192 21.1 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.585 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 75 Resp: 13059
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.6#
77 0.0 24.4 36.6#

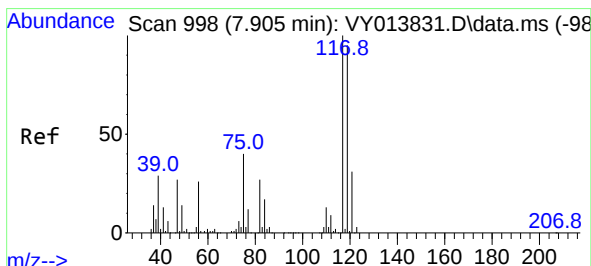
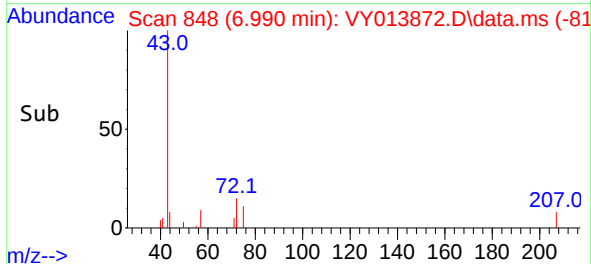
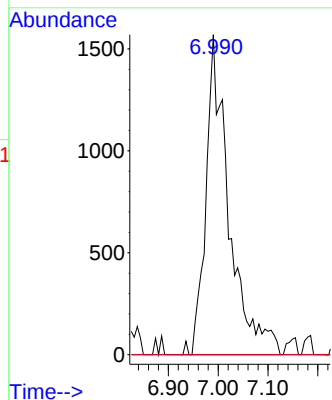
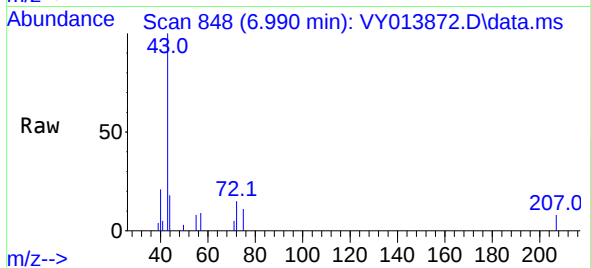




#37
Ethyl Acetate
Concen: 2.887 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.091 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

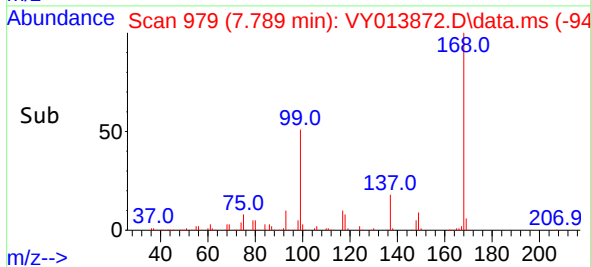
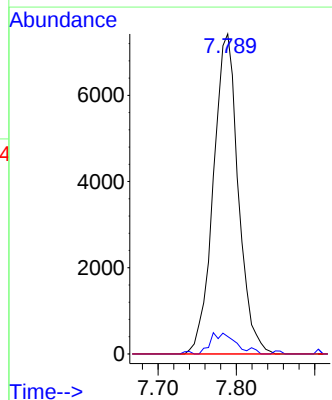
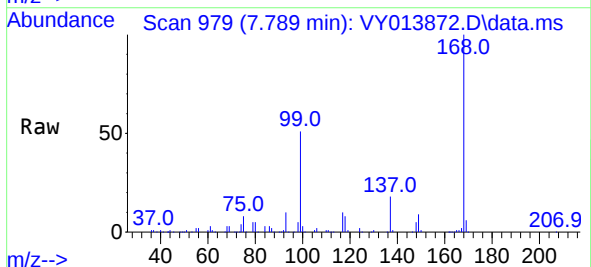
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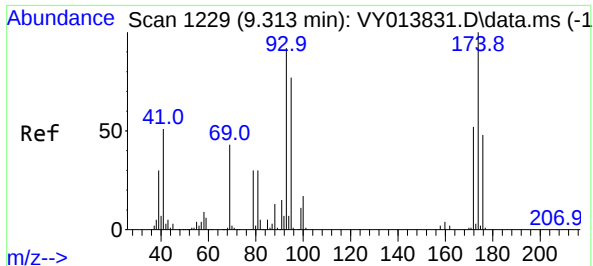
Tgt Ion: 43 Resp: 5016
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.076 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 117 Resp: 16444
Ion Ratio Lower Upper
117 100
119 5.4 75.6 113.4#
121 0.0 24.8 37.2#

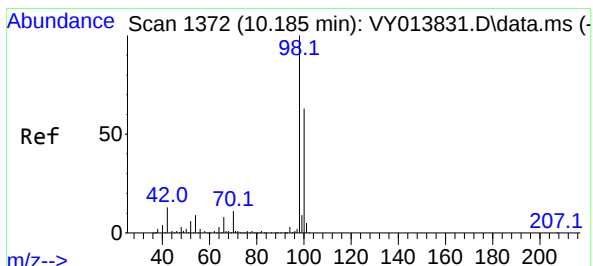
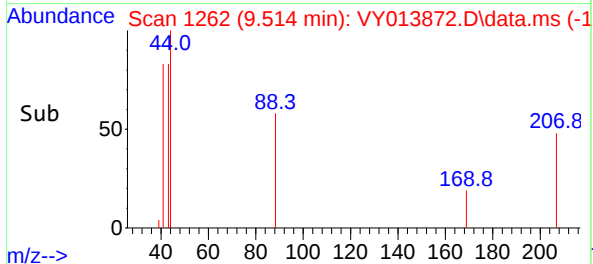
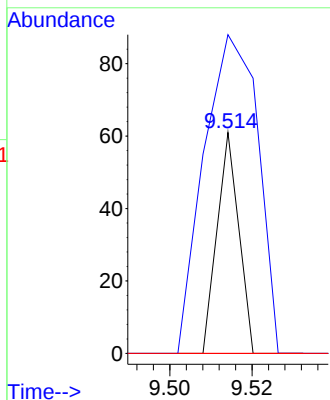
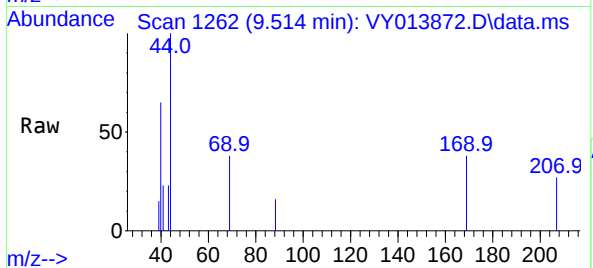




#49
1,4-Dioxane
Concen: 1.560 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.201 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

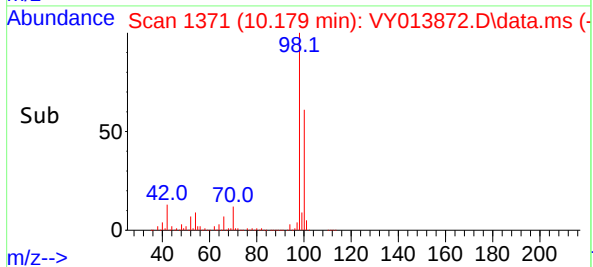
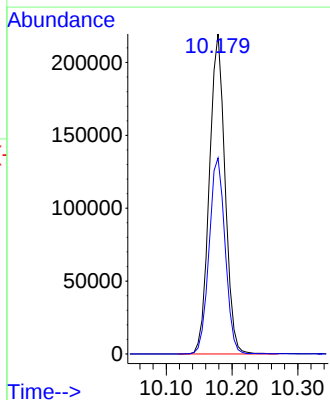
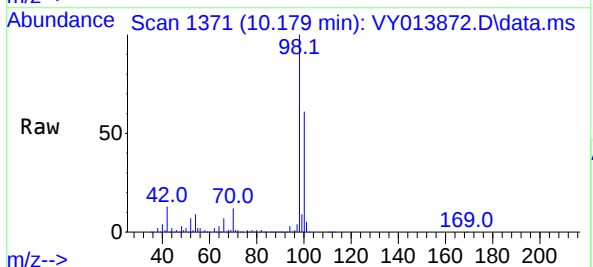
Instrument :
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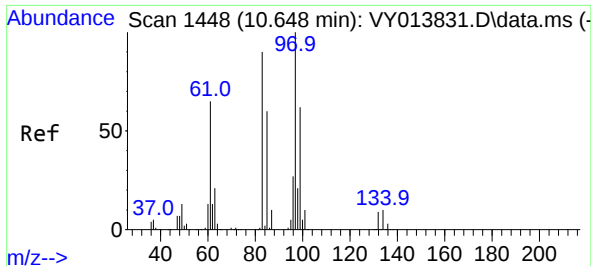
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 363.6 0.0 0.0#
58 0.0 59.0 88.6#



#50
Toluene-d8
Concen: 51.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

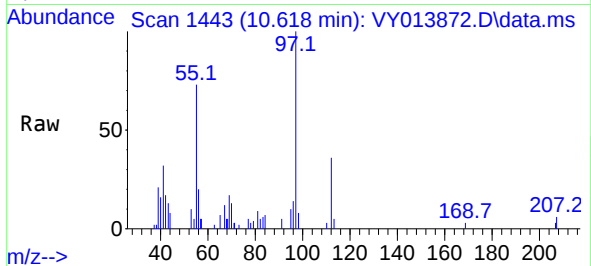
Tgt Ion: 98 Resp: 364319
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2



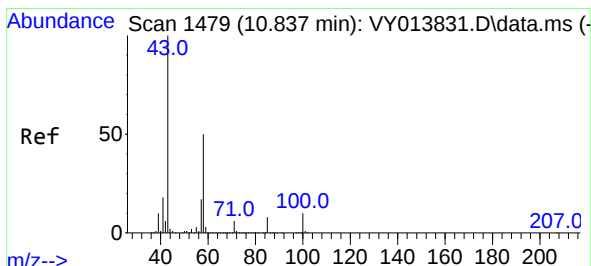
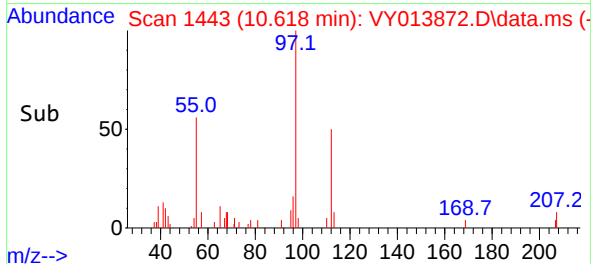
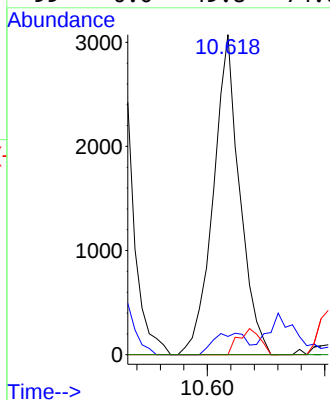


#55
1,1,2-Trichloroethane
Concen: 2.974 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.031 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

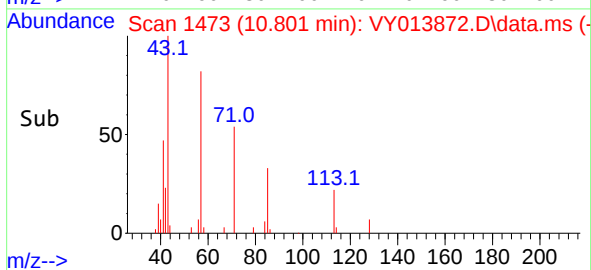
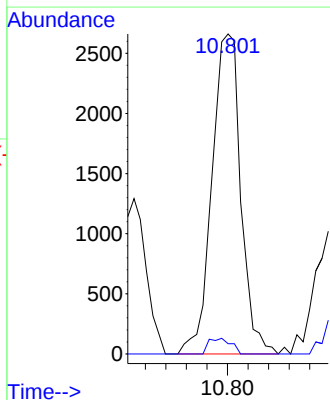
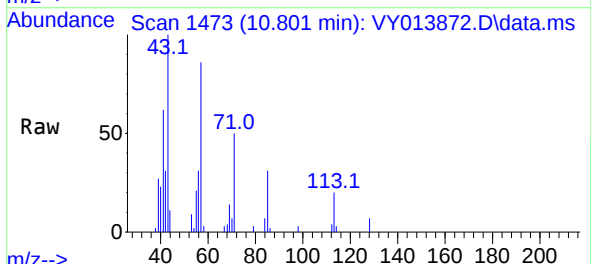


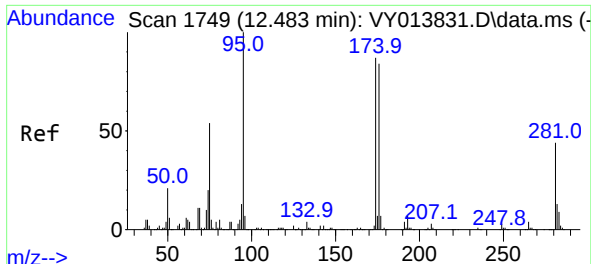
Tgt Ion: 97 Resp: 4803
Ion Ratio Lower Upper
97 100
83 5.7 71.9 107.9#
85 0.0 47.6 71.4#
99 0.0 49.8 74.6#



#59
2-Hexanone
Concen: 4.317 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.037 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 43 Resp: 5181
Ion Ratio Lower Upper
43 100
58 3.8 24.8 74.3#

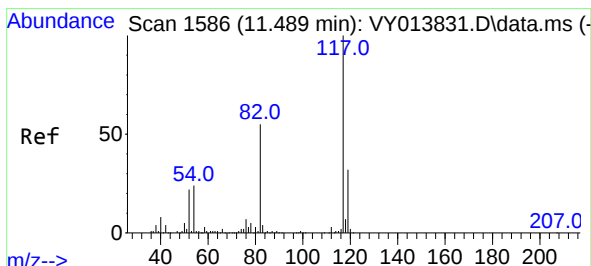
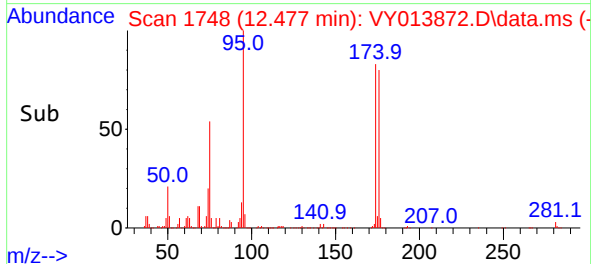
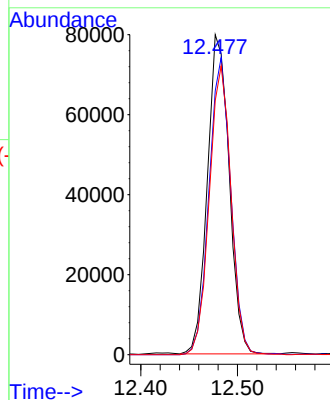
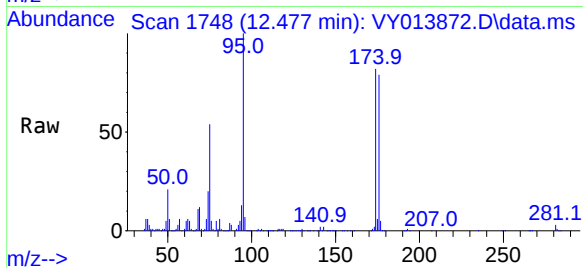




#62
4-Bromofluorobenzene
Concen: 52.944 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

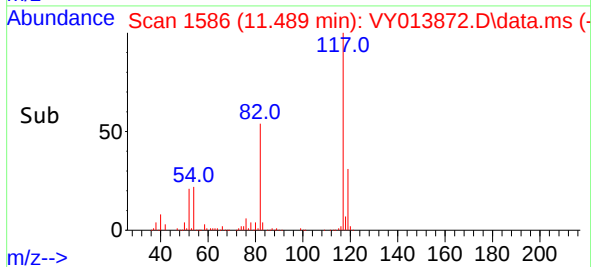
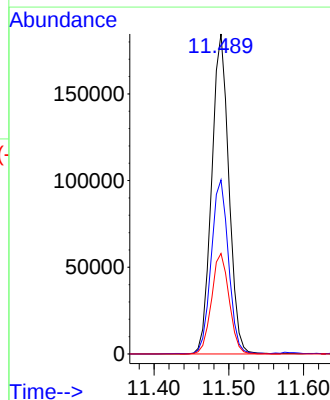
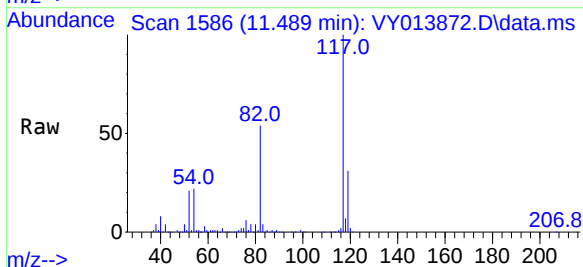
Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

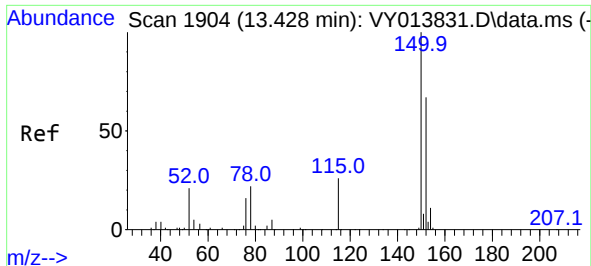
Tgt Ion: 95 Resp: 125087
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.0
176 90.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

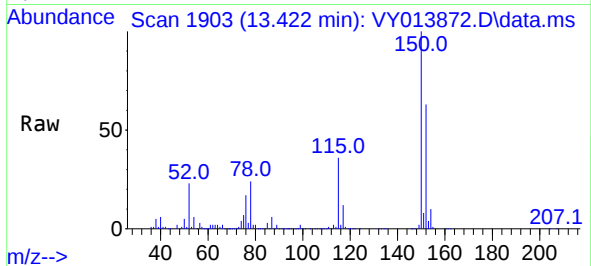
Tgt Ion: 117 Resp: 295316
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.4
119 31.4 25.7 38.5



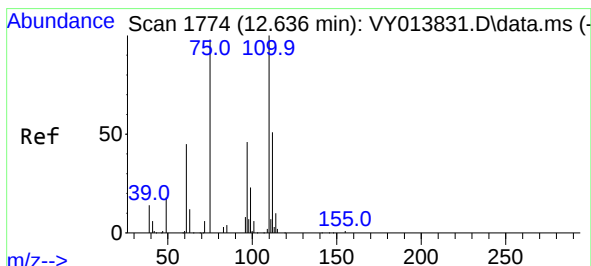
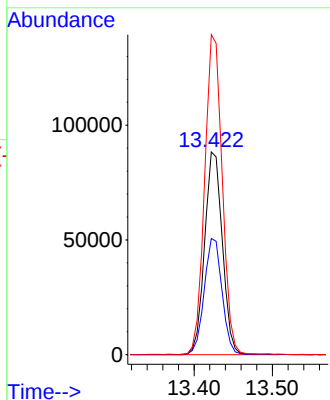
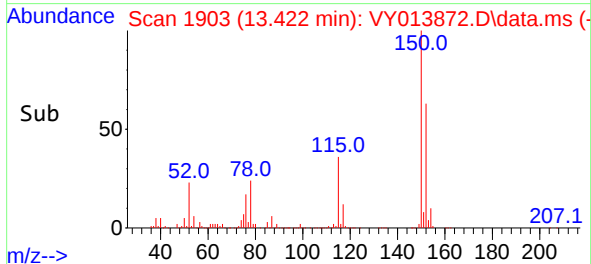


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

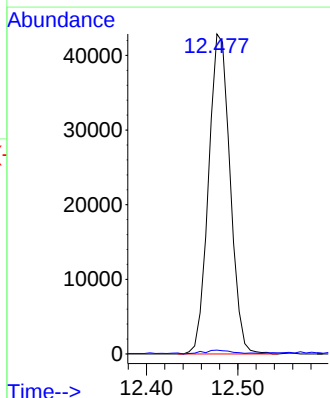
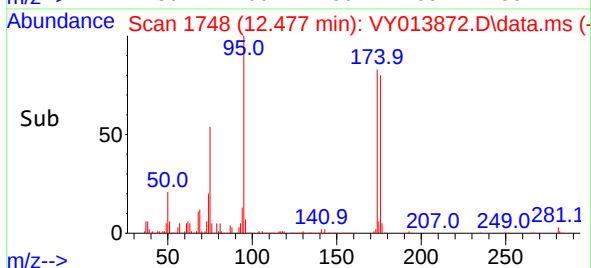
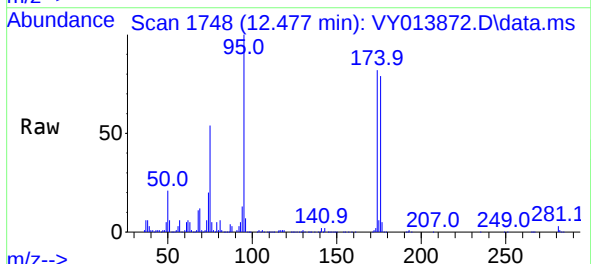


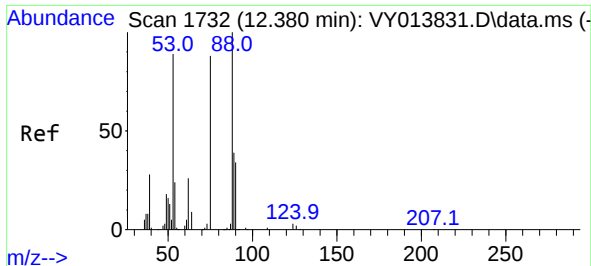
Tgt Ion:152 Resp: 138907
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 155.9 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 42.739 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 75 Resp: 70002
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

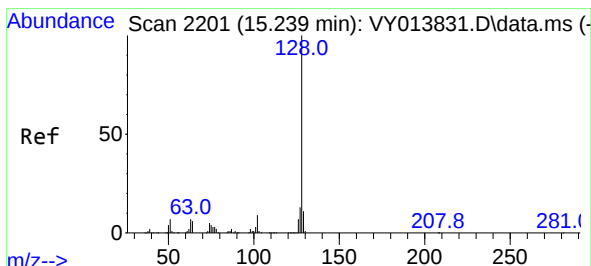
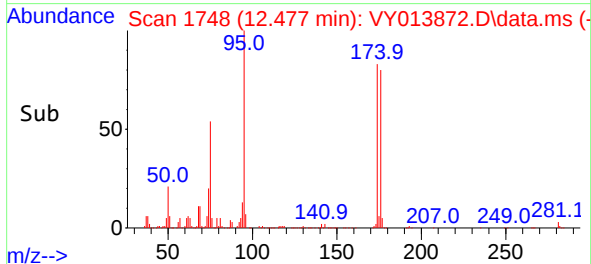
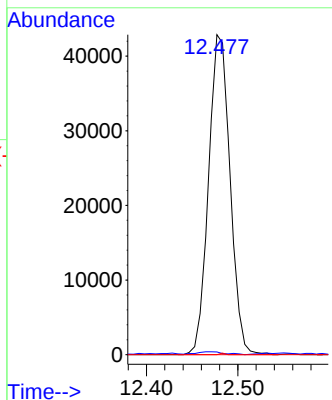
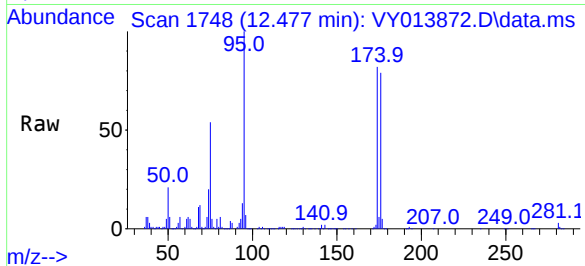




#81
trans-1,4-Dichloro-2-butene
Concen: 92.773 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

Tgt Ion: 75 Resp: 70002
Ion Ratio Lower Upper
75 100
53 1.2 79.7 119.5#
89 0.1 36.4 54.6#



#95
Naphthalene
Concen: 4.871 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 128 Resp: 2099
Ion Ratio Lower Upper
128 100
127 8.7 10.7 16.1#
129 11.0 9.0 13.4

