

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014975.D
 Acq On : 08 Aug 2023 11:16
 Operator : SY/MD
 Sample : VY0808SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBL01

Quant Time: Aug 08 15:51:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

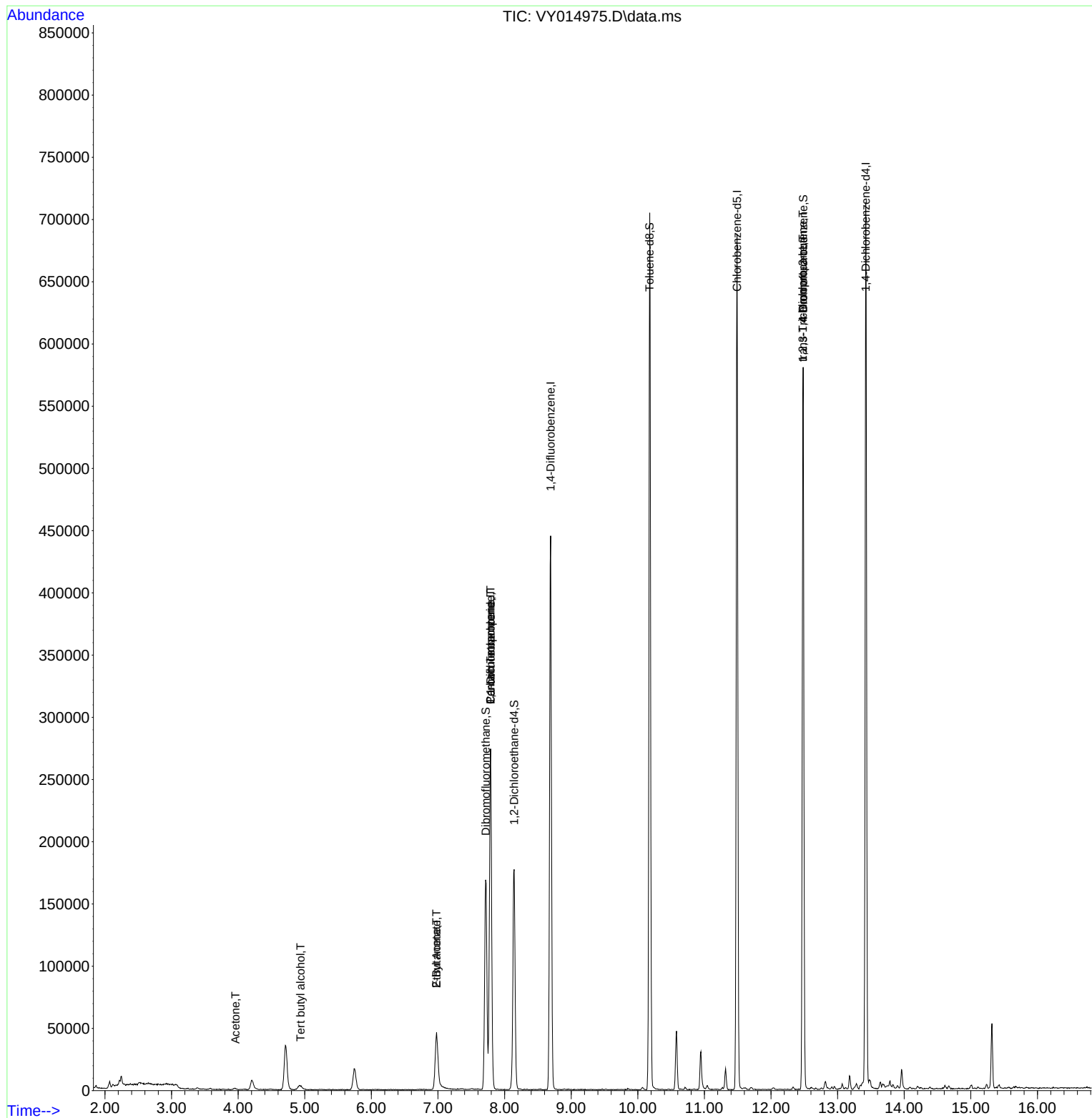
Internal Standards						
1) Pentafluorobenzene	7.789	168	214629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	380089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	368128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	138289	53.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.320%	
35) Dibromofluoromethane	7.716	113	119520	49.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.340%	
50) Toluene-d8	10.179	98	454919	49.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.483	95	166916	50.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.820%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	48	Below Cal	#	43
5) Bromomethane	2.656	94	610	Below Cal	#	69
11) Tert butyl alcohol	4.936	59	4478	7.133	ug/l #	92
16) Acetone	3.960	43	1765	2.176	ug/l #	83
20) Methylene Chloride	4.710	84	27243	Below Cal		92
25) 2-Butanone	6.978	43	3003	2.585	ug/l #	73
31) Cyclohexane	7.789	56	4618	Below Cal	#	9
36) 1,1-Dichloropropene	7.789	75	16390	5.431	ug/l #	51
37) Ethyl Acetate	6.978	43	3003	1.254	ug/l #	11
38) Carbon Tetrachloride	7.789	117	21511	6.341	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	90450	42.789	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	90450	94.266	ug/l #	11

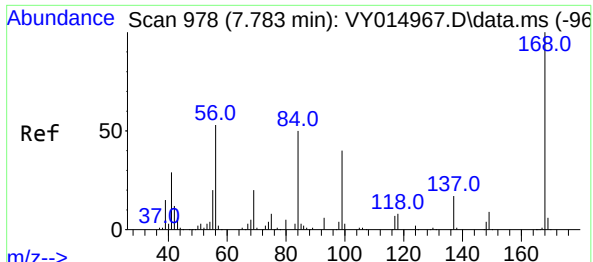
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
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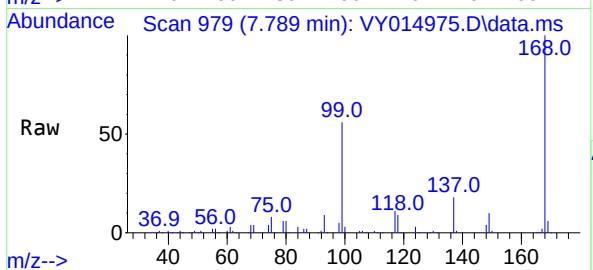
Quant Time: Aug 08 15:51:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
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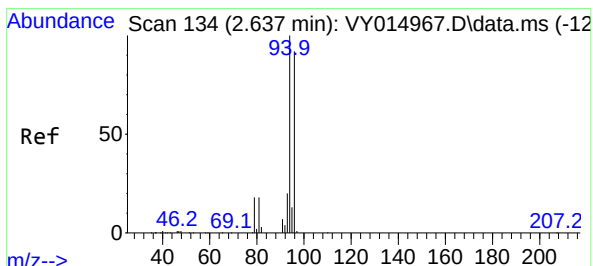
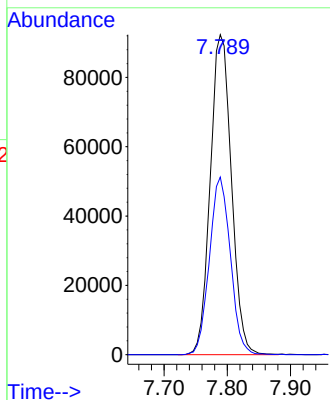
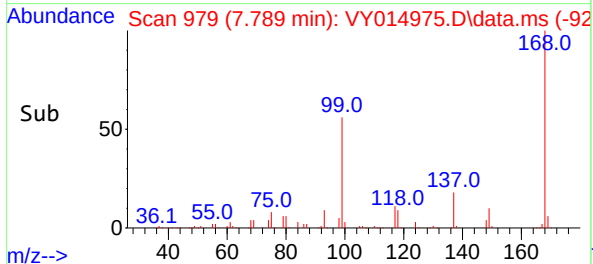


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

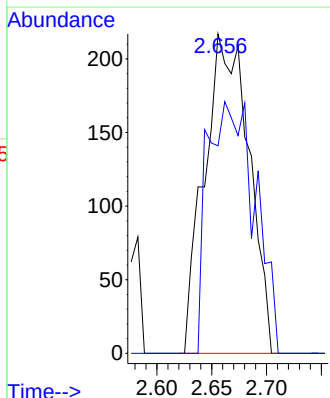
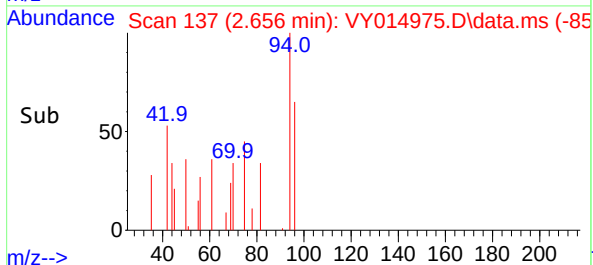
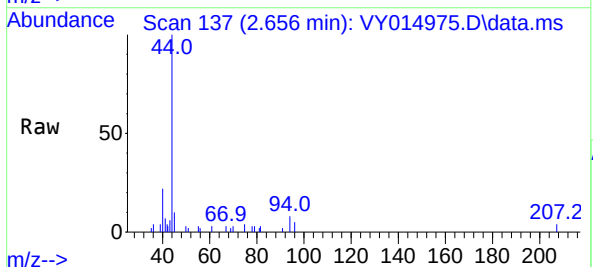


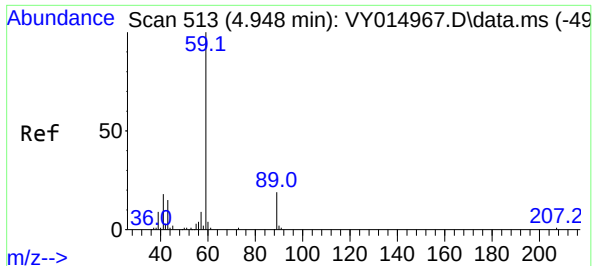
Tgt Ion:168 Resp: 214629
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 94 Resp: 610
Ion Ratio Lower Upper
94 100
96 65.0 75.8 113.6#





#11

Tert butyl alcohol

Concen: 7.133 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY014975.D

Acq: 08 Aug 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

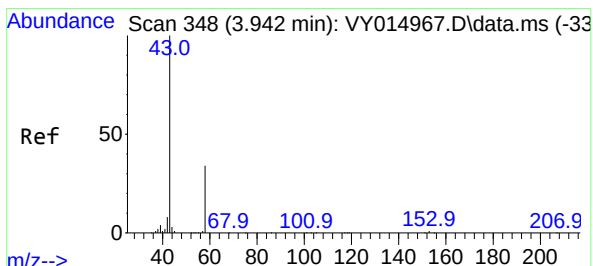
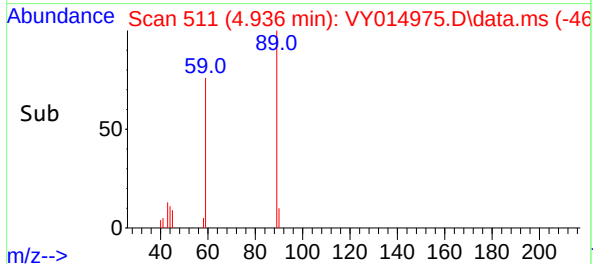
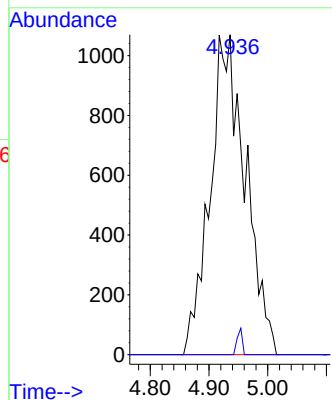
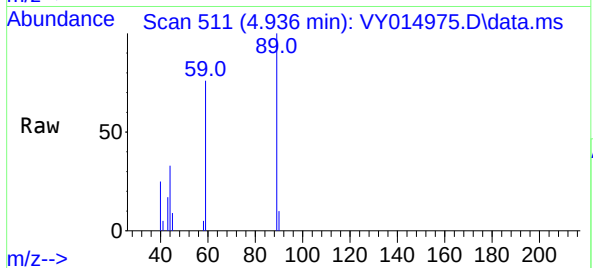
VY0808SBL01

Tgt Ion: 59 Resp: 4478

Ion Ratio Lower Upper

59 100

57 1.2 3.0 4.4#



#16

Acetone

Concen: 2.176 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.018 min

Lab File: VY014975.D

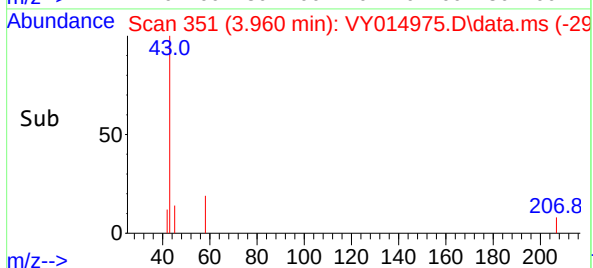
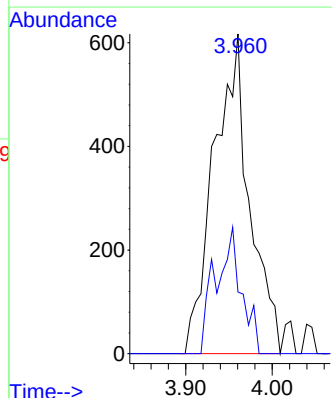
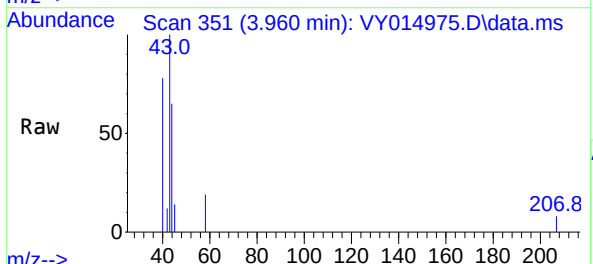
Acq: 08 Aug 2023 11:16

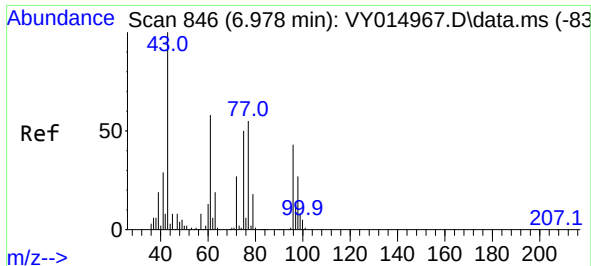
Tgt Ion: 43 Resp: 1765

Ion Ratio Lower Upper

43 100

58 19.3 22.7 34.1#

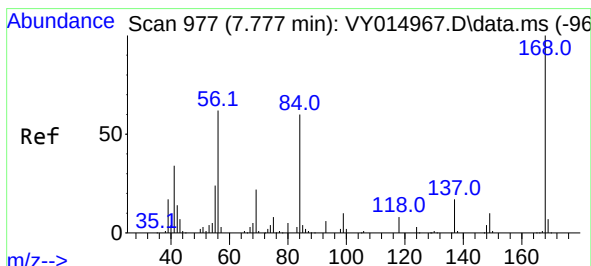
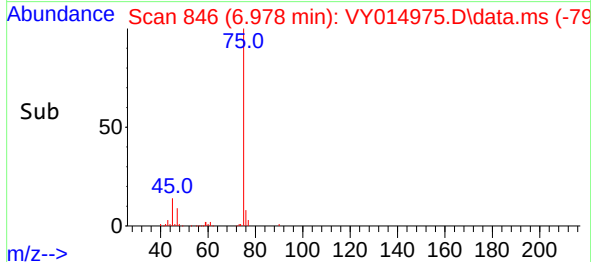
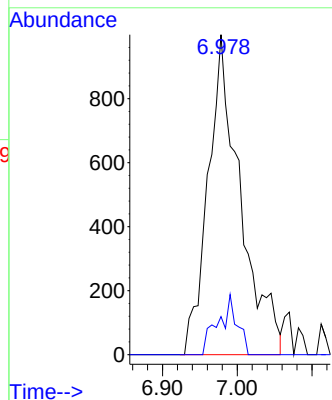
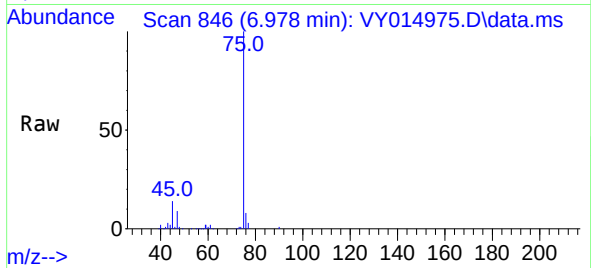




#25
2-Butanone
Concen: 2.585 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

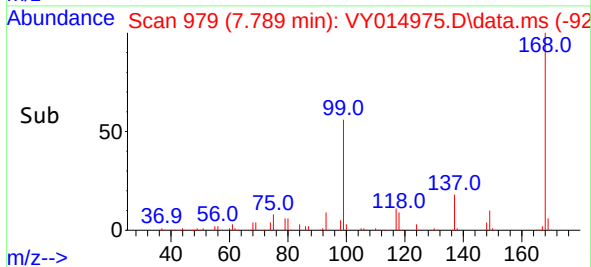
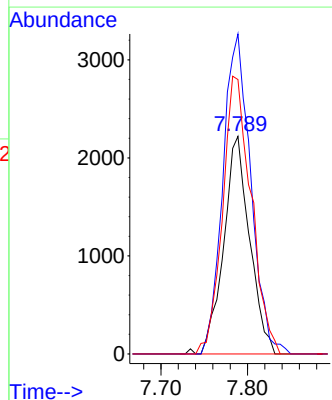
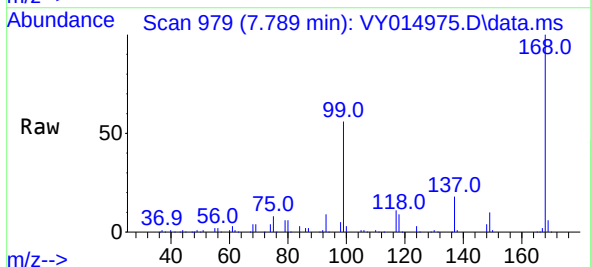
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

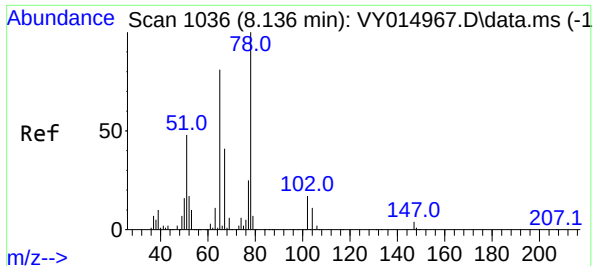
Tgt Ion: 43 Resp: 3003
Ion Ratio Lower Upper
43 100
72 11.9 20.5 30.7#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 56 Resp: 4618
Ion Ratio Lower Upper
56 100
69 147.0 27.8 41.6#
84 126.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.160 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY014975.D

Acq: 08 Aug 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

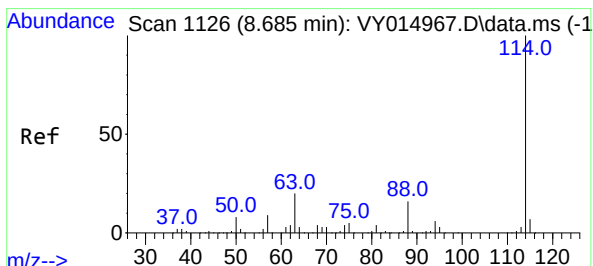
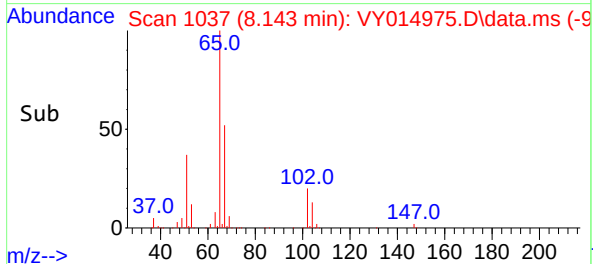
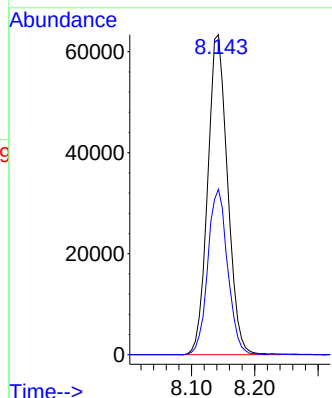
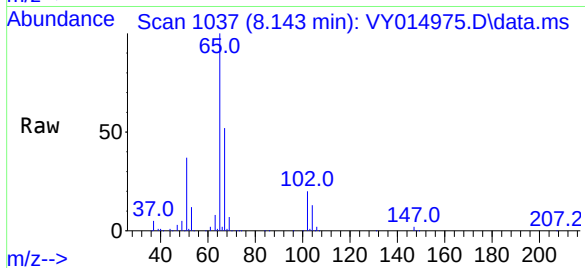
VY0808SBL01

Tgt Ion: 65 Resp: 138289

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014975.D

Acq: 08 Aug 2023 11:16

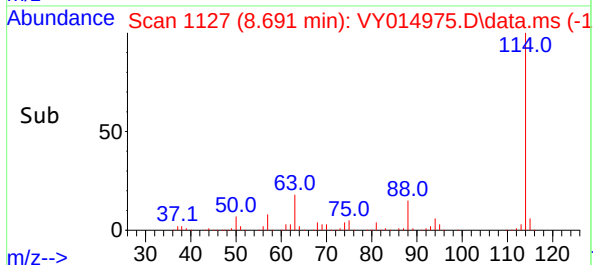
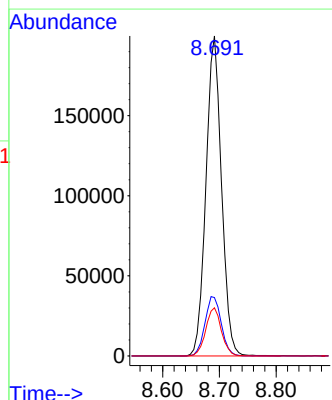
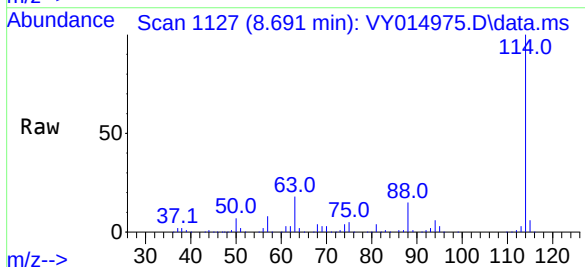
Tgt Ion: 114 Resp: 380089

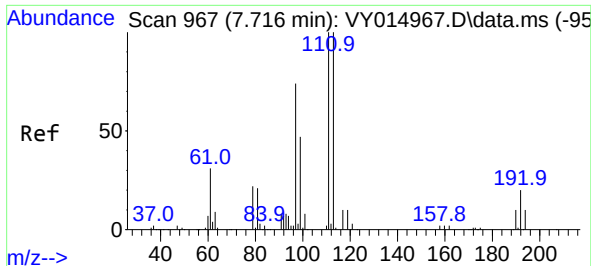
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.1 0.0 30.6

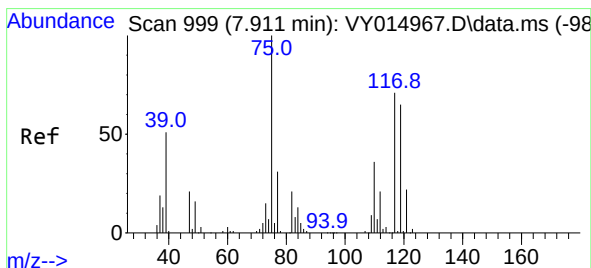
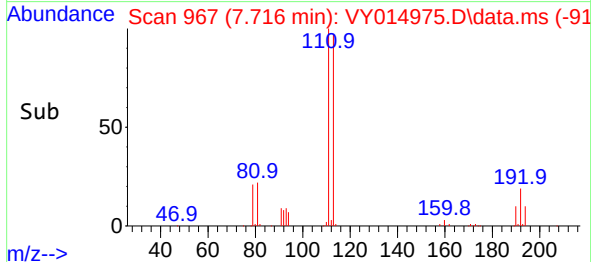
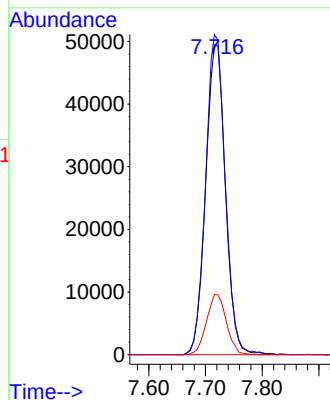
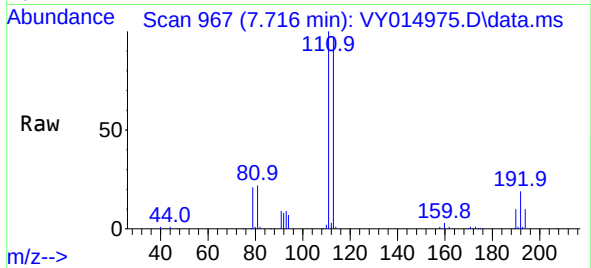




#35
Dibromofluoromethane
Concen: 49.173 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

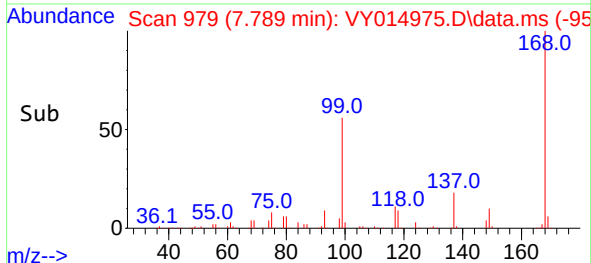
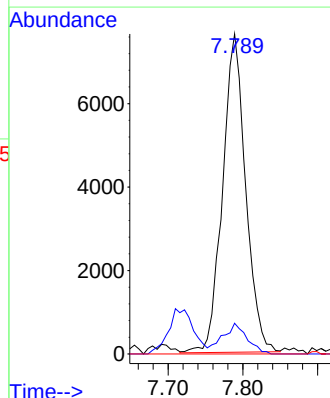
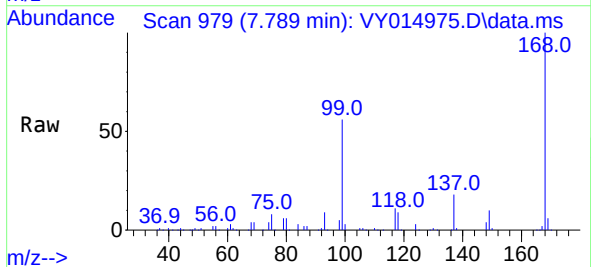
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

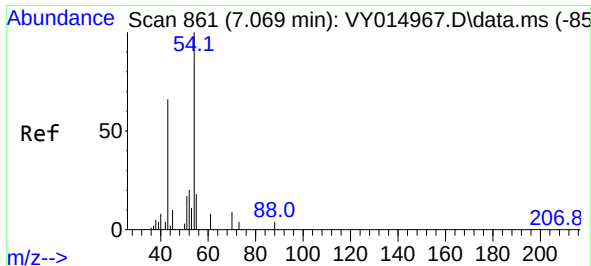
Tgt Ion:113 Resp: 119520
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.431 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 75 Resp: 16390
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#

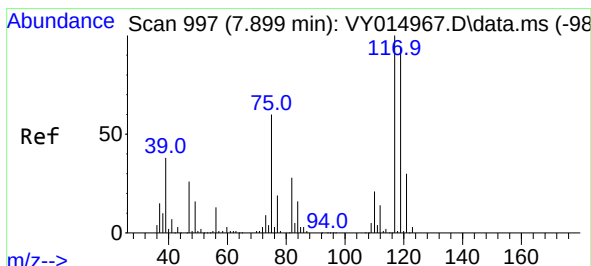
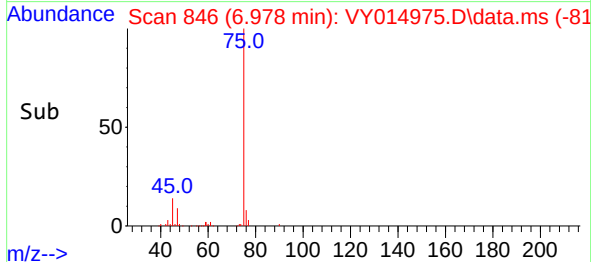
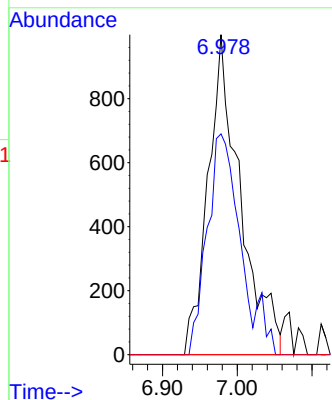
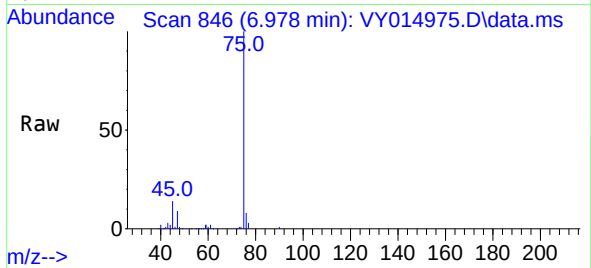




#37
Ethyl Acetate
Concen: 1.254 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.091 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

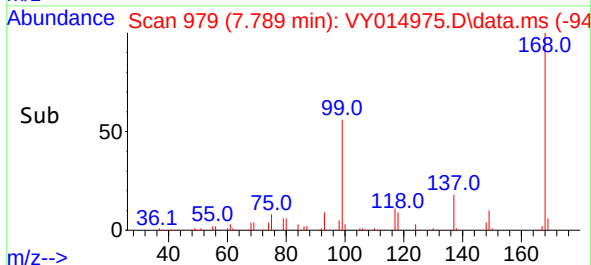
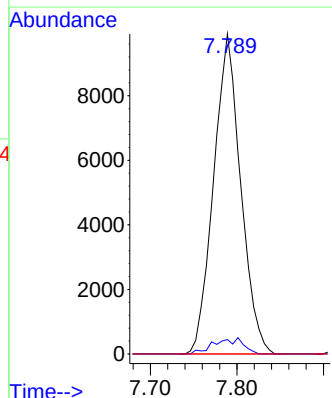
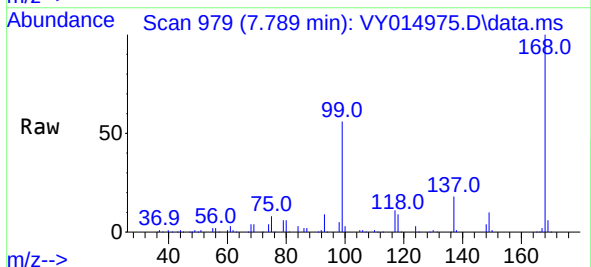
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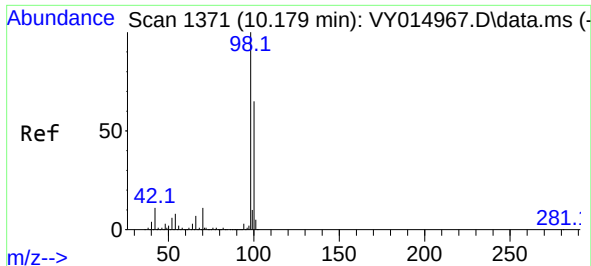
Tgt Ion: 43 Resp: 3003
Ion Ratio Lower Upper
43 100
61 65.7 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 117 Resp: 21511
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#

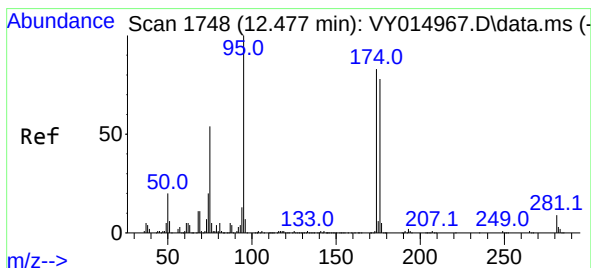
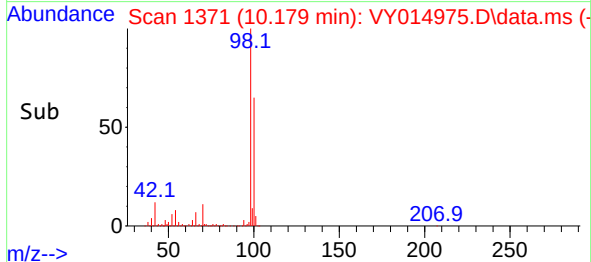
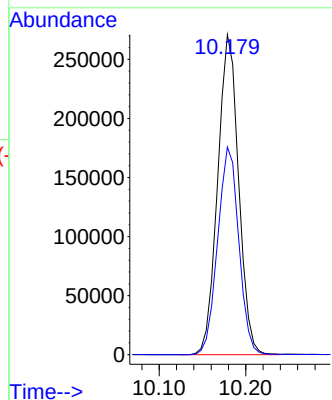
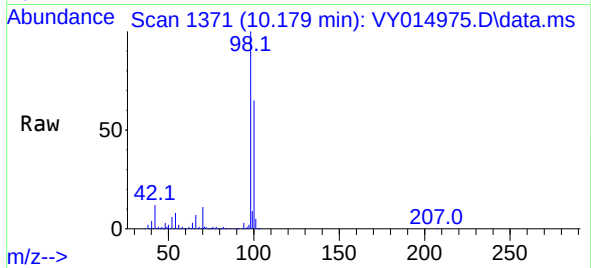




#50
Toluene-d8
Concen: 49.173 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

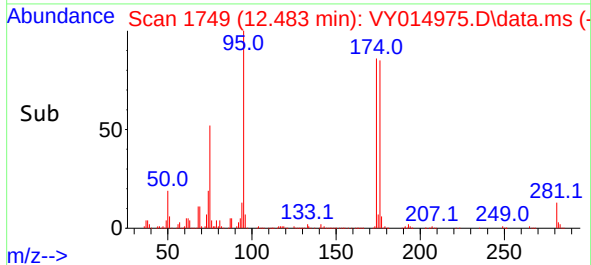
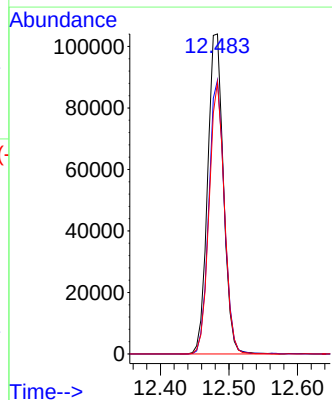
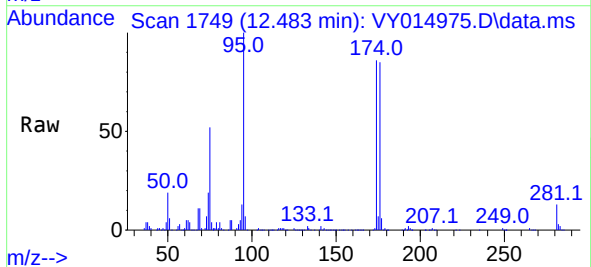
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

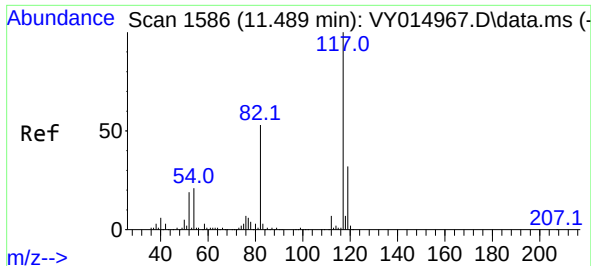
Tgt Ion: 98 Resp: 454919
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 95 Resp: 166916
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.6 0.0 173.8

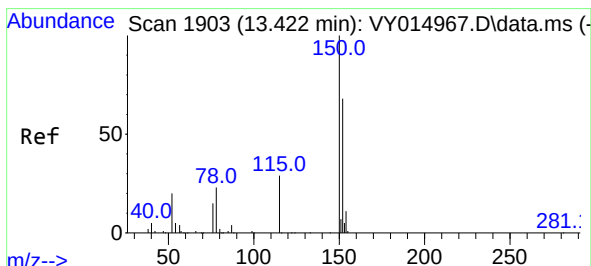
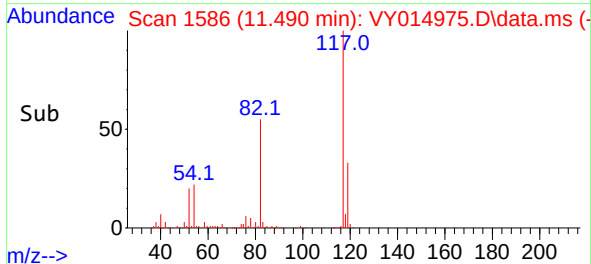
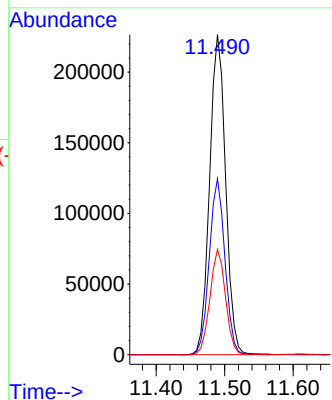
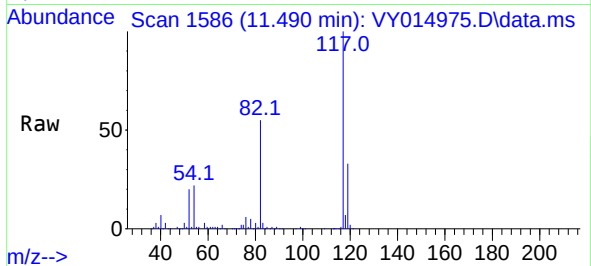




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

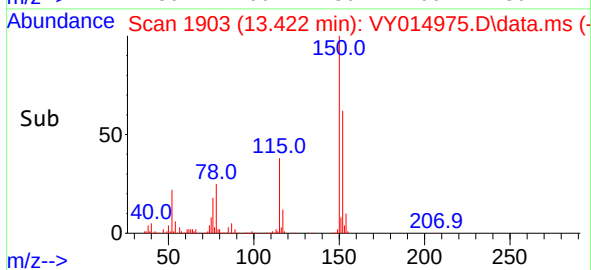
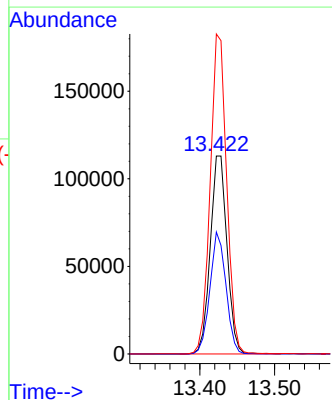
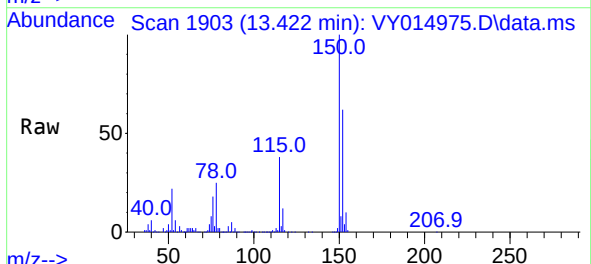
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

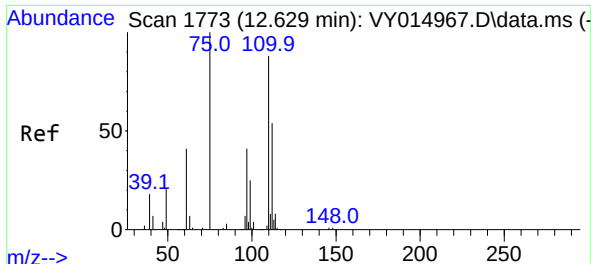
Tgt Ion:117 Resp: 368128
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Tgt Ion:152 Resp: 176414
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 158.5 0.0 348.8

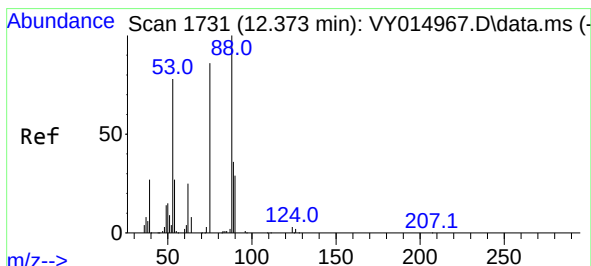
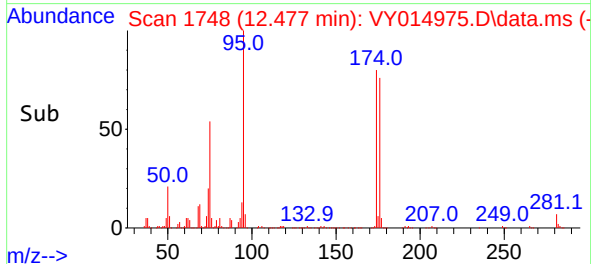
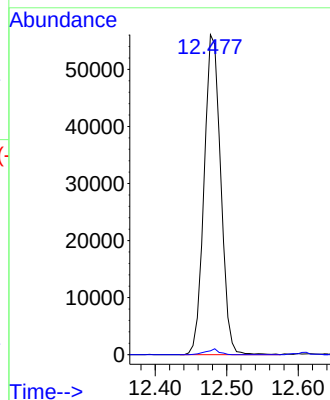
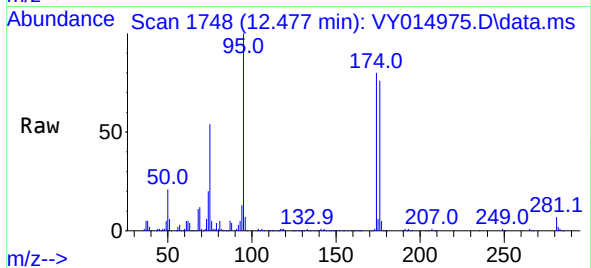




#76
1,2,3-Trichloropropane
Concen: 42.789 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL01

Tgt Ion: 75 Resp: 90450
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.266 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014975.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 75 Resp: 90450
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

