

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078669.D
 Acq On : 14 Mar 2024 16:23
 Operator : RP/MD
 Sample : P1733-03RE
 Misc : 5.44G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOCRE

Quant Time: Mar 15 05:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

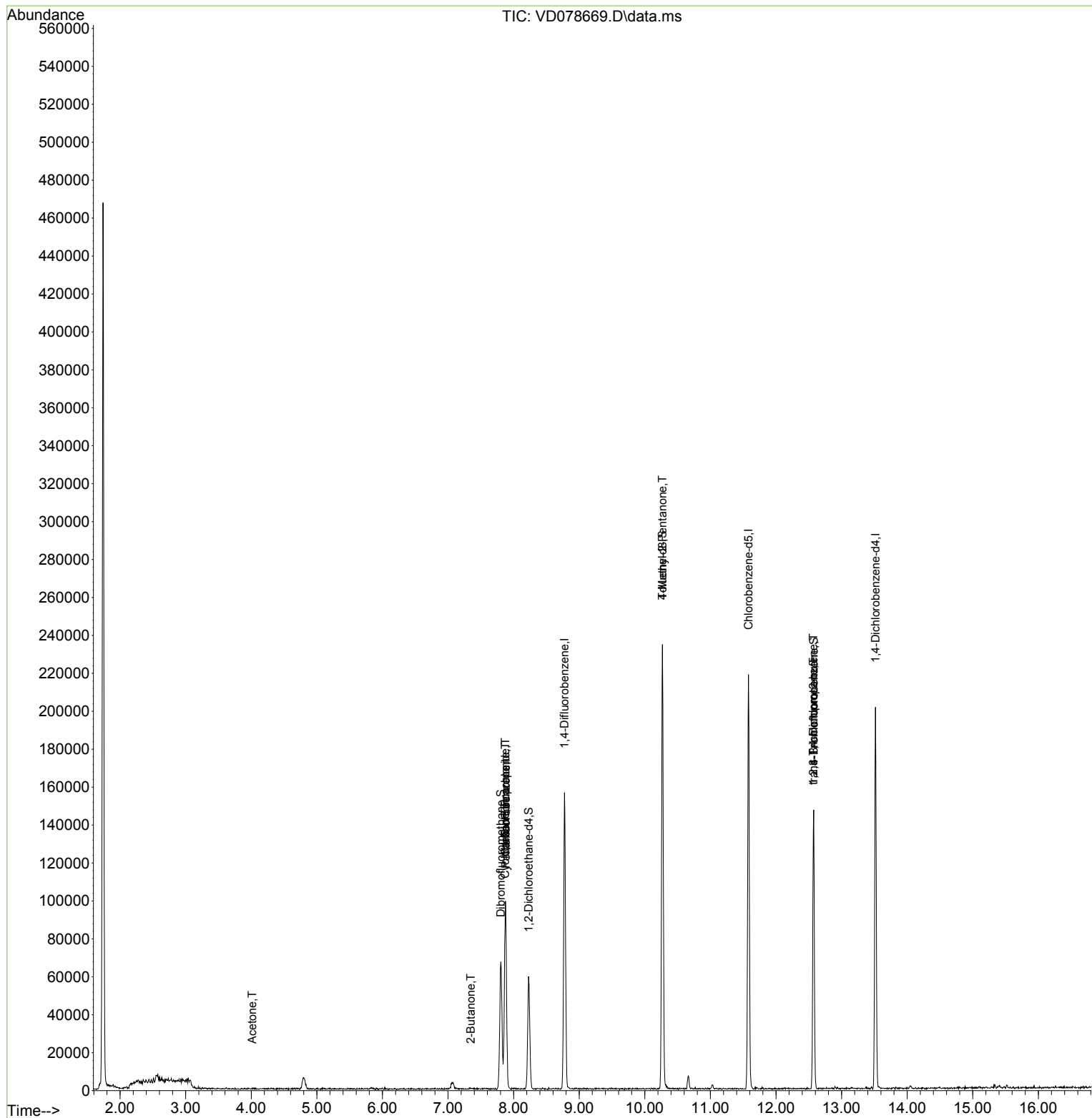
Internal Standards						
1) Pentafluorobenzene	7.881	168	78844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	140948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	131558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	54148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45188	61.156	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.320%			
35) Dibromofluoromethane	7.805	113	49683	54.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.500%			
50) Toluene-d8	10.269	98	165201	49.499	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.000%			
62) 4-Bromofluorobenzene	12.575	95	45366	46.463	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.920%			
Target Compounds					Qvalue	
16) Acetone	4.016	43	481	3.366	ug/l #	39
25) 2-Butanone	7.346	43	311	1.637	ug/l #	43
31) Cyclohexane	7.869	56	1442	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	5902	4.482	ug/l #	43
38) Carbon Tetrachloride	7.875	117	8409	6.058	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	665	1.626	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	22563	54.085	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	22563	113.371	ug/l #	19

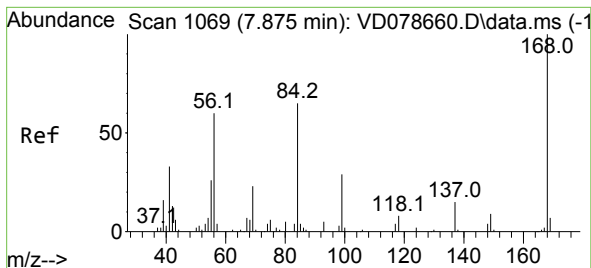
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 05:50:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

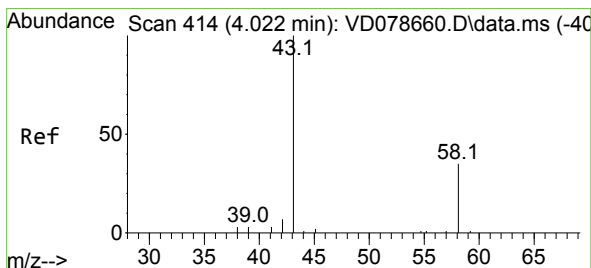
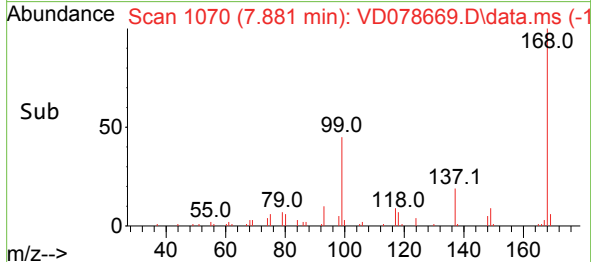
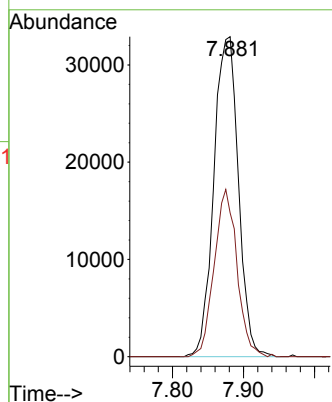
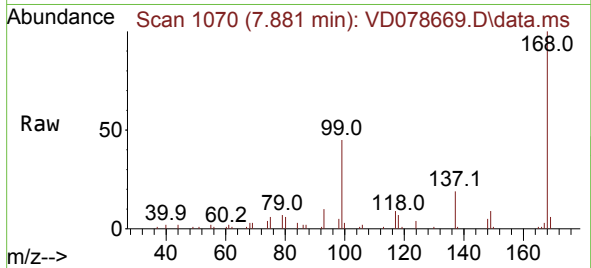




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

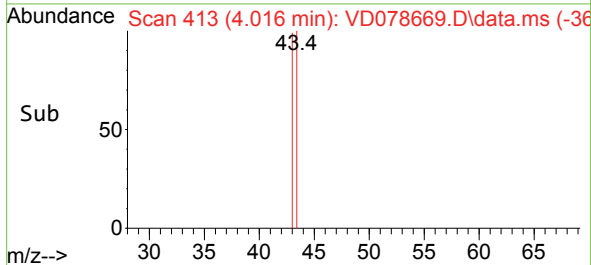
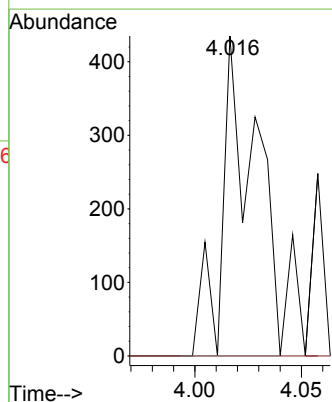
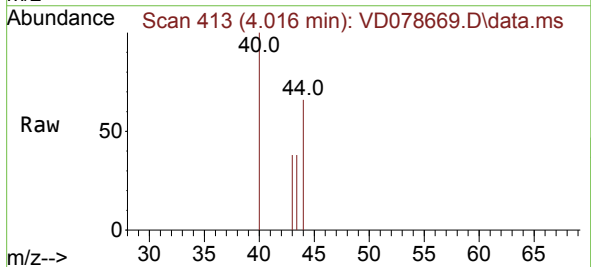
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOCRE

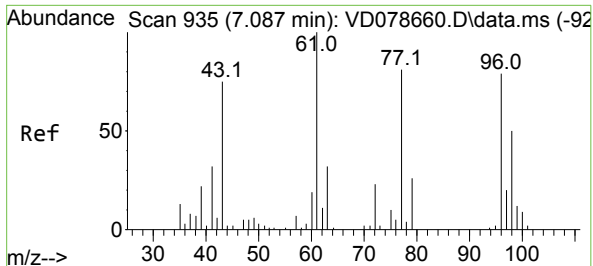
Tgt Ion:168 Resp: 78844
Ion Ratio Lower Upper
168 100
99 44.9 38.8 58.2



#16
Acetone
Concen: 3.366 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

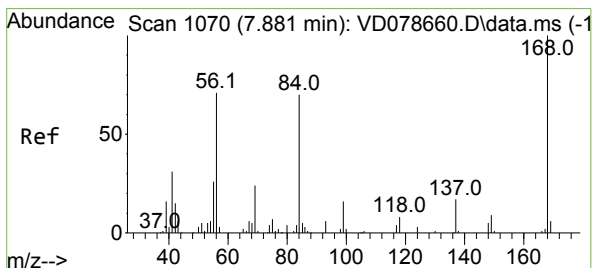
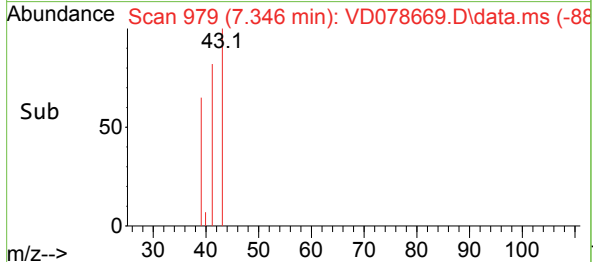
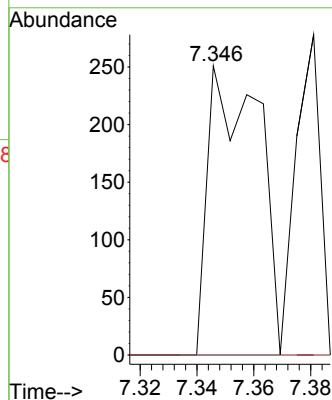
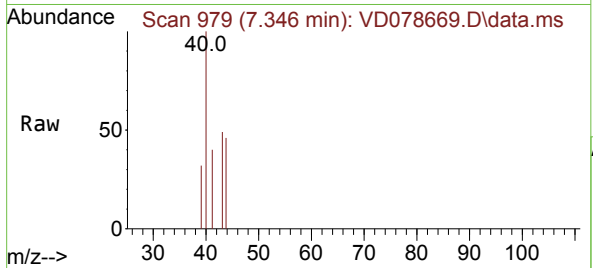




#25
2-Butanone
Concen: 1.637 ug/l
RT: 7.346 min Scan# 91
Delta R.T. 0.259 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

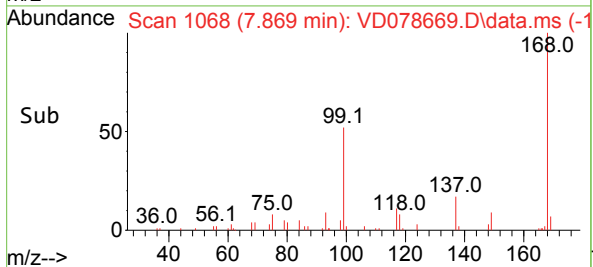
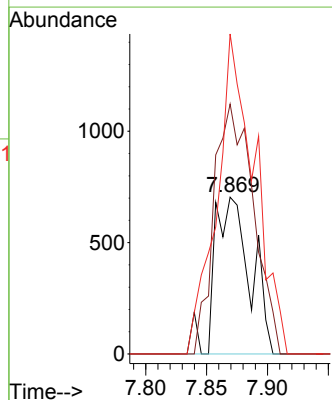
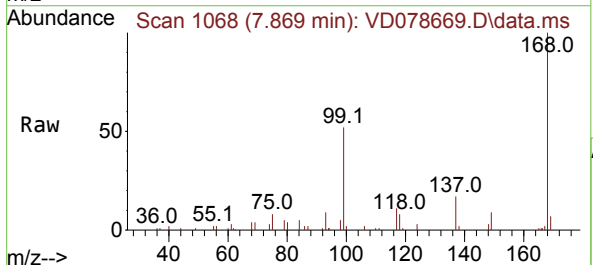
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOCRE

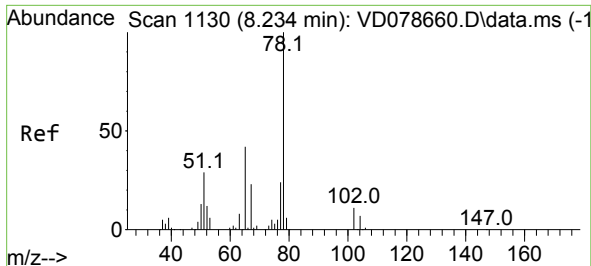
Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
72 0.0 25.0 37.6#



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion: 56 Resp: 1442
Ion Ratio Lower Upper
56 100
69 159.4 26.6 40.0#
84 204.1 79.4 119.2#





#33

1,2-Dichloroethane-d4

Concen: 61.156 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078669.D

Acq: 14 Mar 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

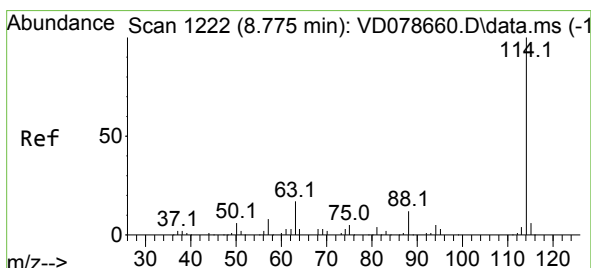
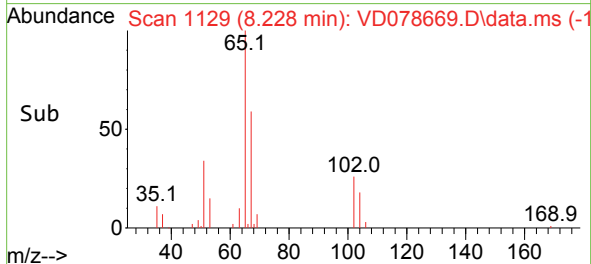
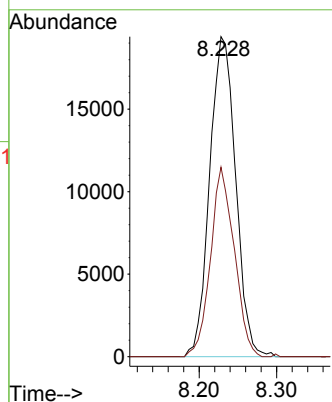
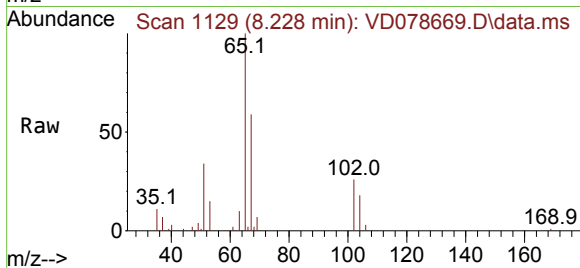
WC-1-VOCRE

Tgt Ion: 65 Resp: 45188

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078669.D

Acq: 14 Mar 2024 16:23

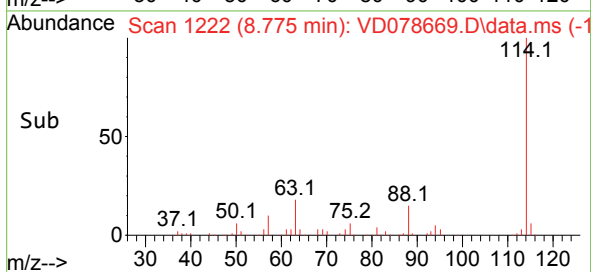
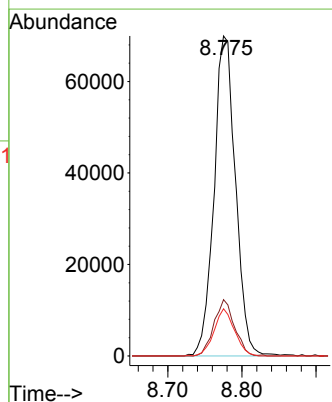
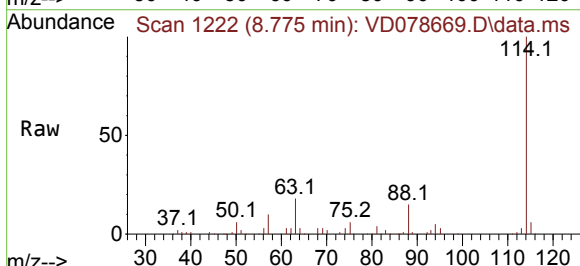
Tgt Ion: 114 Resp: 140948

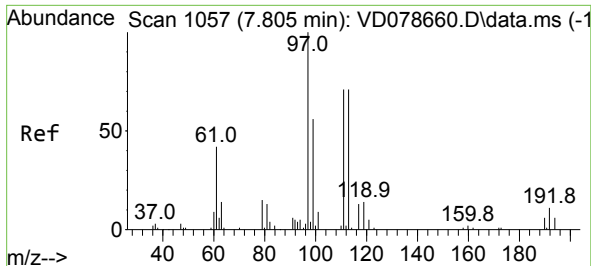
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.8 0.0 24.6

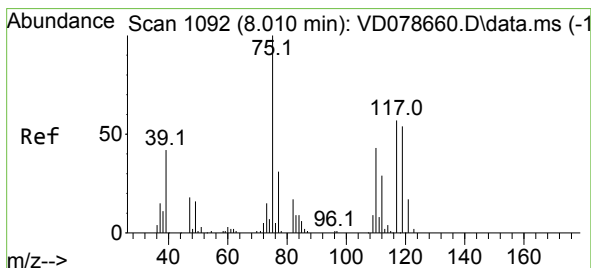
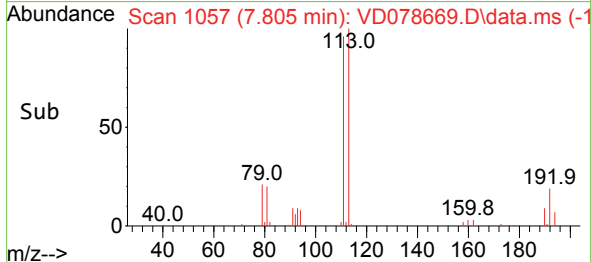
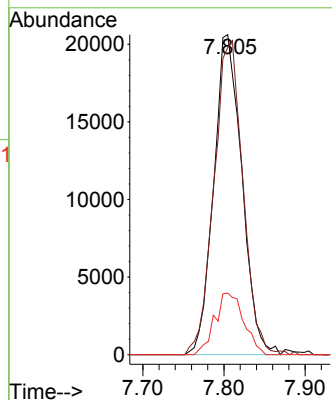
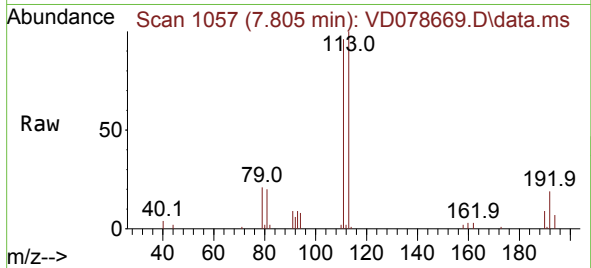




#35
Dibromofluoromethane
Concen: 54.748 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

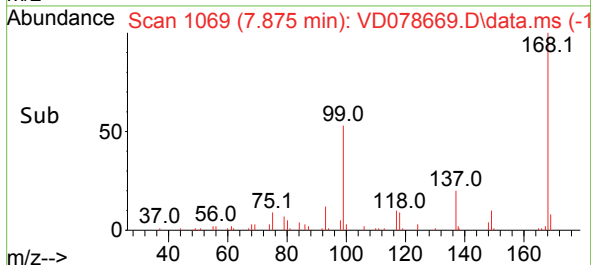
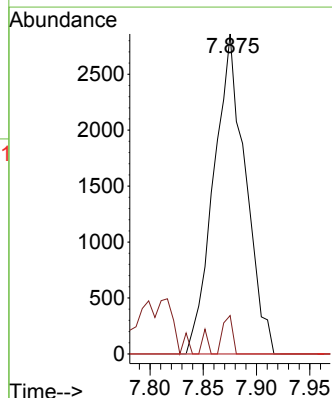
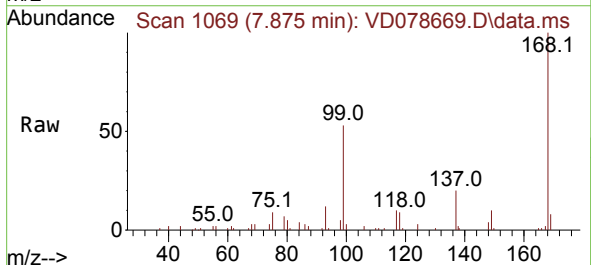
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOCRE

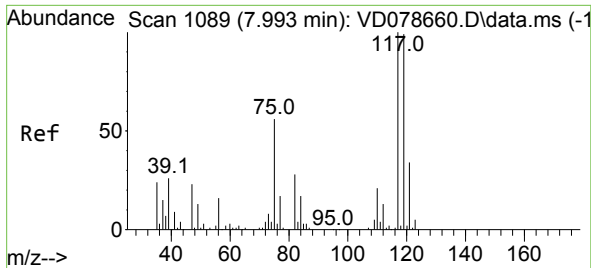
Tgt Ion:113 Resp: 49683
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion: 75 Resp: 5902
Ion Ratio Lower Upper
75 100
110 3.7 19.1 57.1#
77 0.0 25.4 38.2#

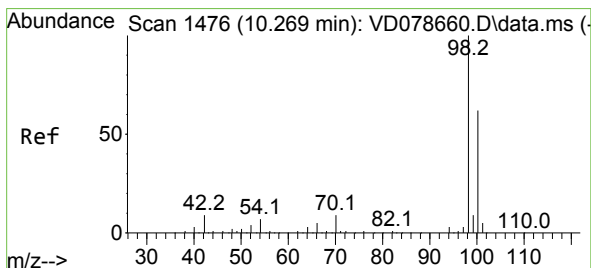
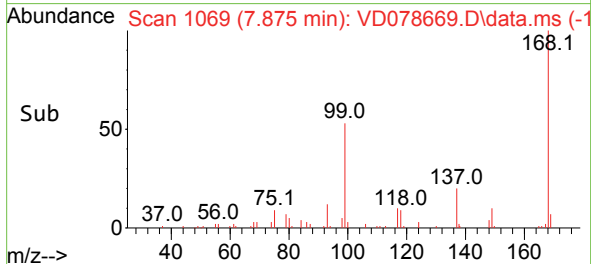
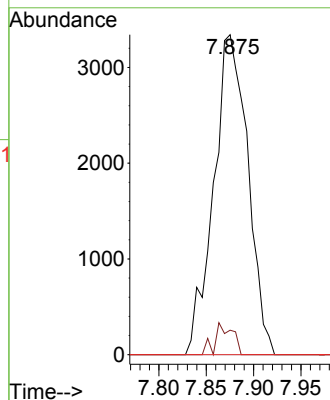
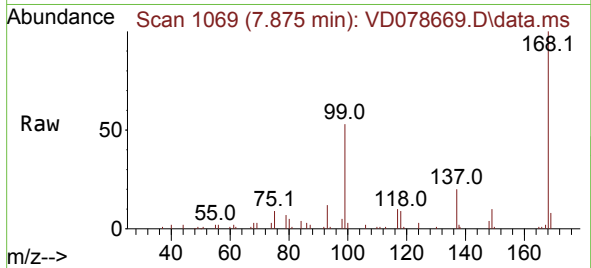




#38
Carbon Tetrachloride
Concen: 6.058 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

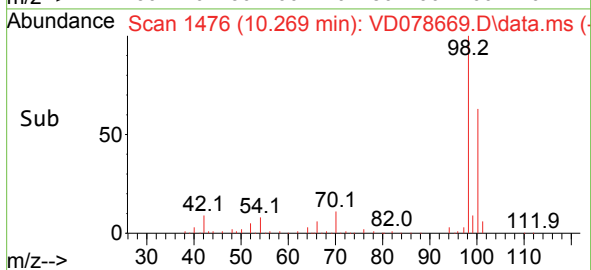
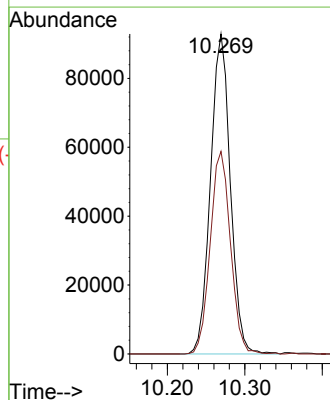
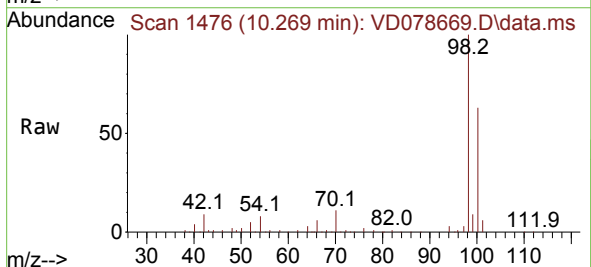
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOCRE

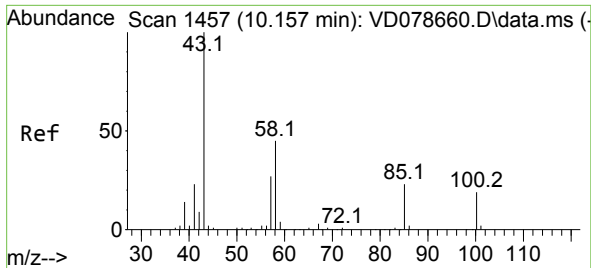
Tgt Ion:117 Resp: 8409
Ion Ratio Lower Upper
117 100
119 7.7 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 49.499 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion: 98 Resp: 165201
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7

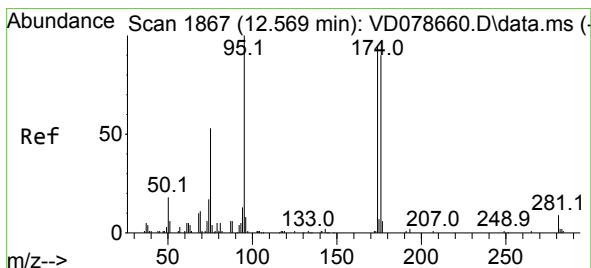
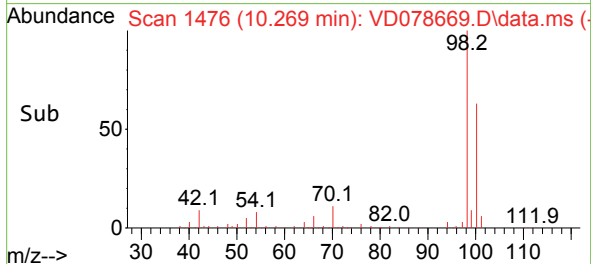
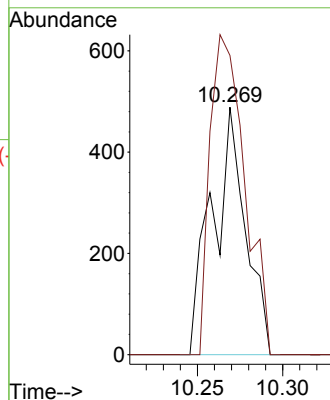
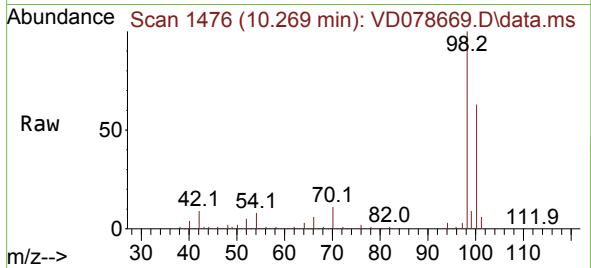




#51
4-Methyl-2-Pentanone
Concen: 1.626 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

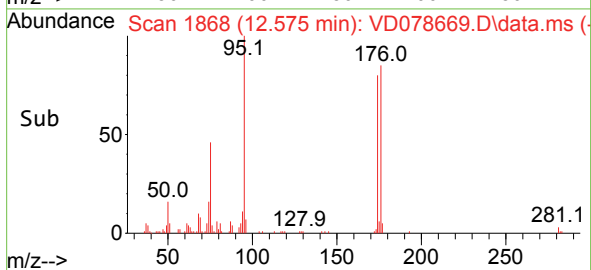
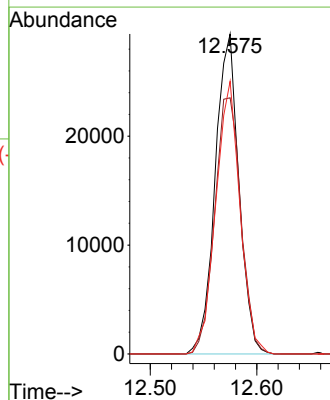
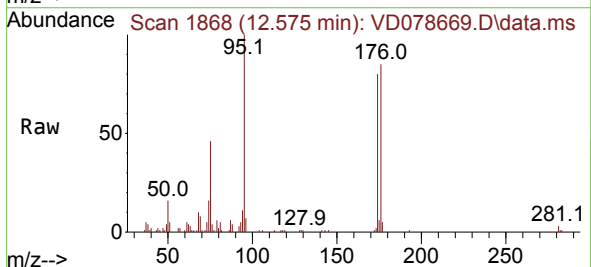
Instrument :
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ClientSampleId :
WC-1-VOCRE

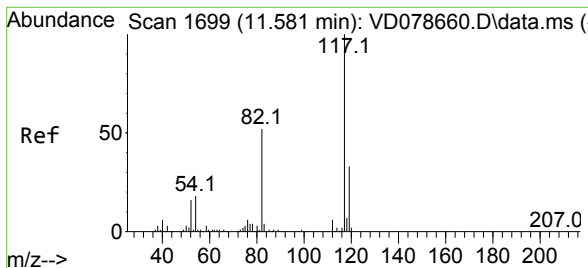
Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
58 135.3 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 46.463 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion: 95 Resp: 45366
Ion Ratio Lower Upper
95 100
174 88.8 0.0 195.2
176 87.3 0.0 188.2

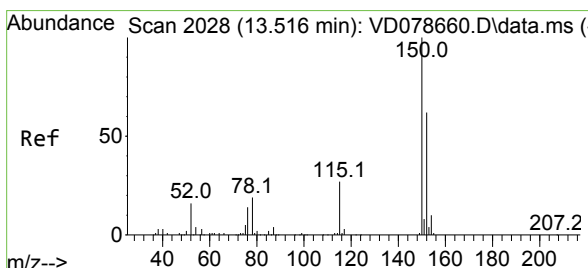
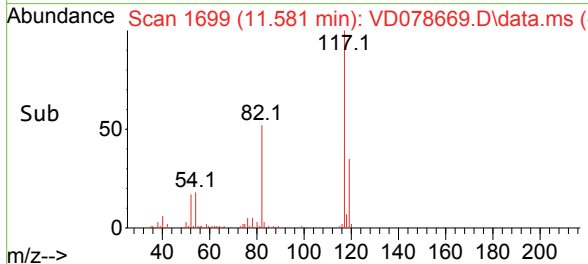
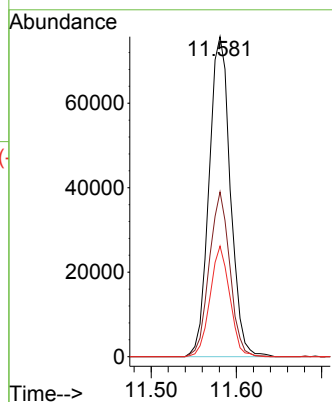
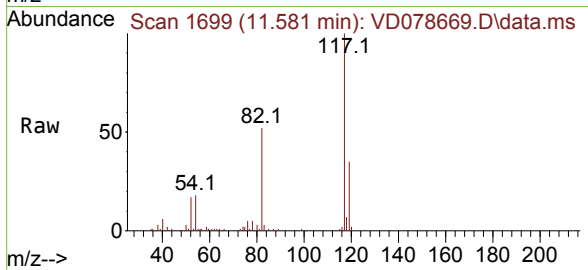




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

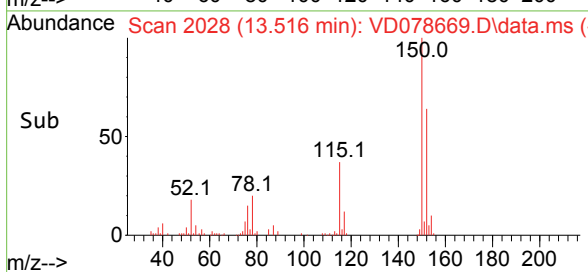
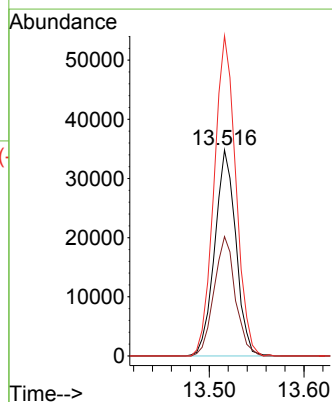
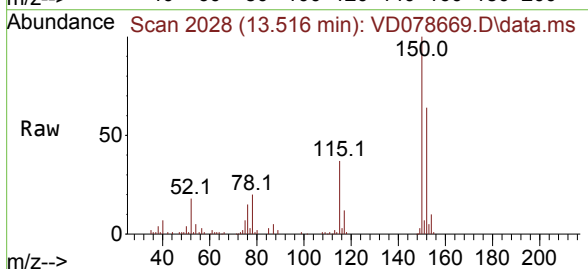
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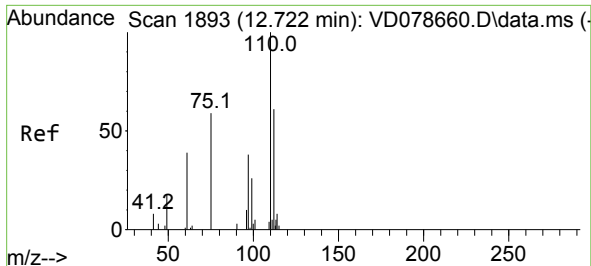
Tgt Ion:117 Resp: 131558
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 34.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion:152 Resp: 54148
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.2
150 159.7 0.0 350.2

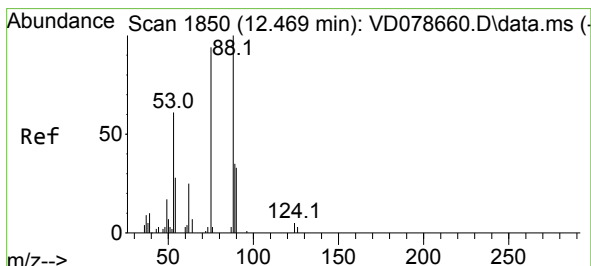
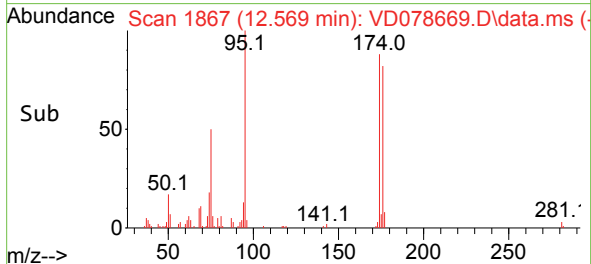
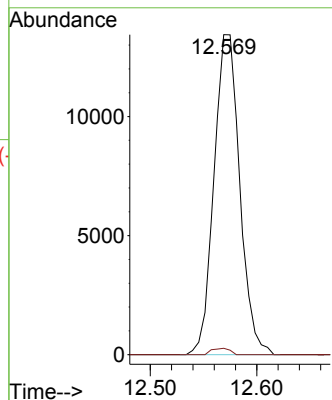
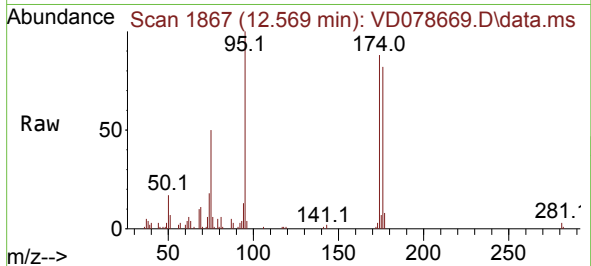




#76
1,2,3-Trichloropropane
Concen: 54.085 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOCRE

Tgt Ion: 75 Resp: 22563
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.371 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion: 75 Resp: 22563
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

