

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078679.D
 Acq On : 15 Mar 2024 10:28
 Operator : RP/MD
 Sample : VD0315SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBL01

Quant Time: Mar 16 05:23:05 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)

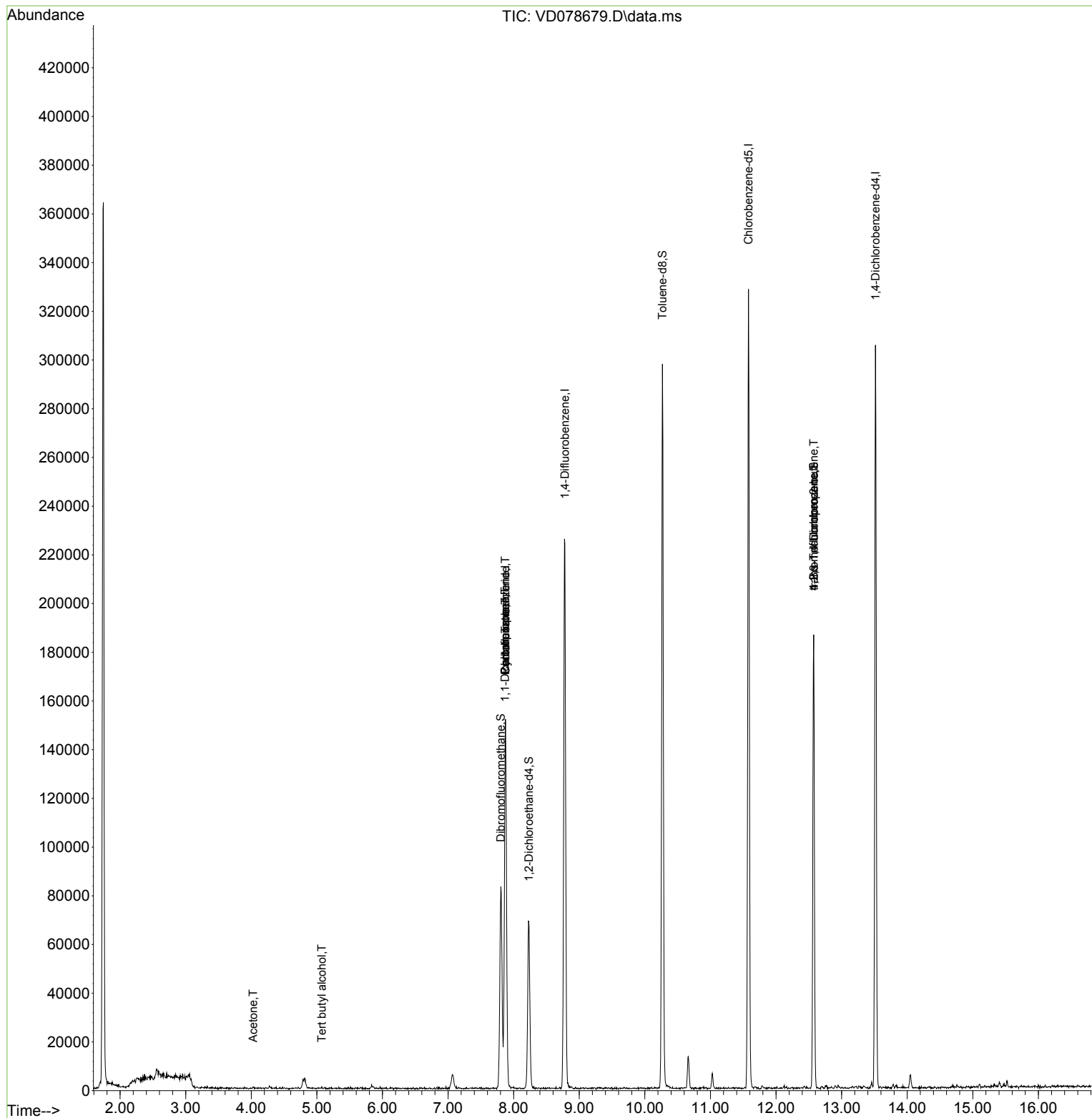
Internal Standards						
1) Pentafluorobenzene	7.875	168	119056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53958	48.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.720%
35) Dibromofluoromethane	7.805	113	59950	43.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.660%
50) Toluene-d8	10.269	98	208664	41.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.960%
62) 4-Bromofluorobenzene	12.575	95	54658	37.143	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.075	59	63	1.262	ug/l #	75
16) Acetone	4.028	43	356	1.650	ug/l #	39
20) Methylene Chloride	4.822	84	3777	Below Cal	#	82
31) Cyclohexane	7.875	56	2370	1.264	ug/l #	16
36) 1,1-Dichloropropene	7.869	75	8804	4.437	ug/l #	50
38) Carbon Tetrachloride	7.875	117	11236	5.371	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	28506	43.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	28506	90.937	ug/l #	19

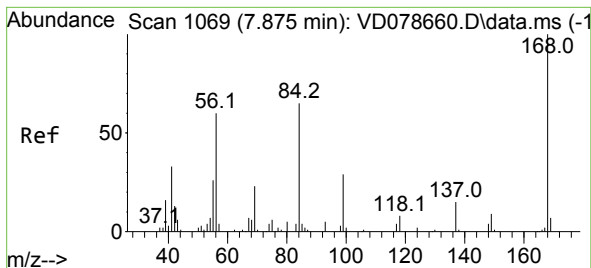
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
Data File : VD078679.D
Acq On : 15 Mar 2024 10:28
Operator : RP/MD
Sample : VD0315SBL01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

Quant Time: Mar 16 05:23:05 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

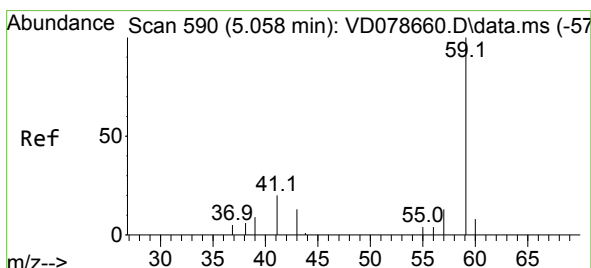
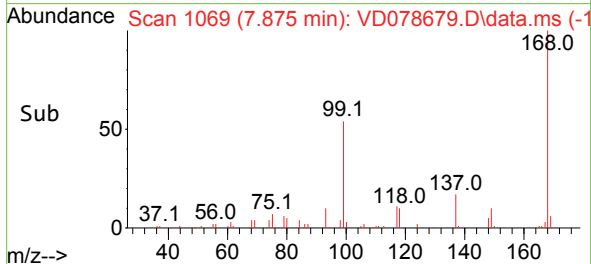
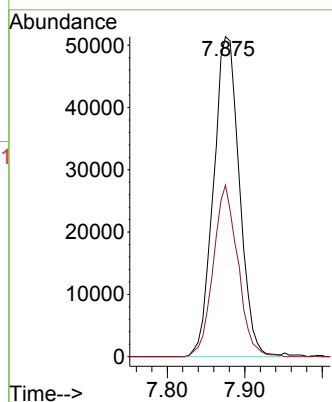
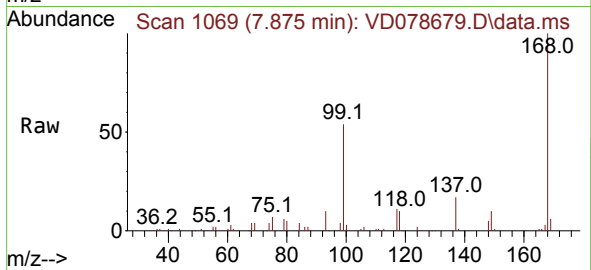




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

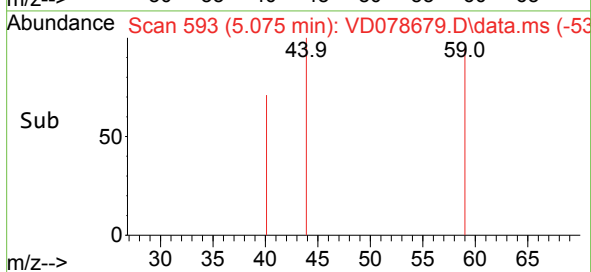
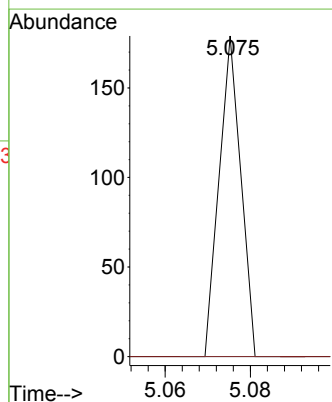
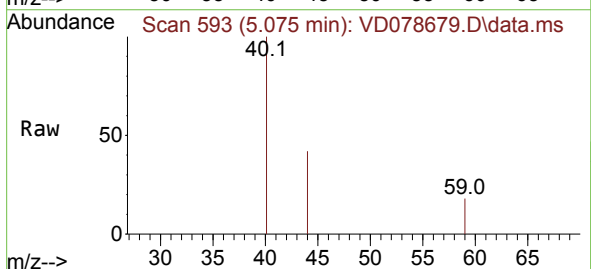
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

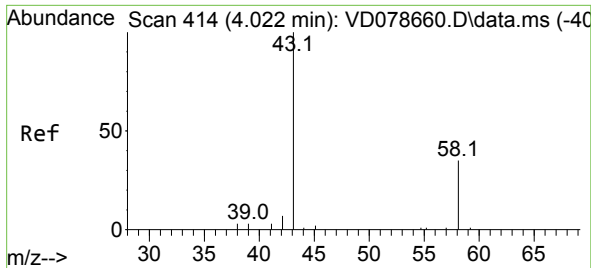
Tgt Ion:168 Resp: 119056
Ion Ratio Lower Upper
168 100
99 53.6 38.8 58.2



#11
Tert butyl alcohol
Concen: 1.262 ug/l
RT: 5.075 min Scan# 593
Delta R.T. 0.018 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 1.650 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078679.D

Acq: 15 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

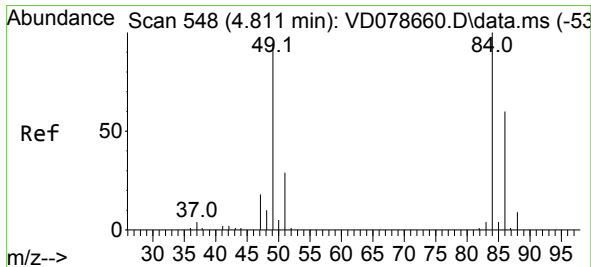
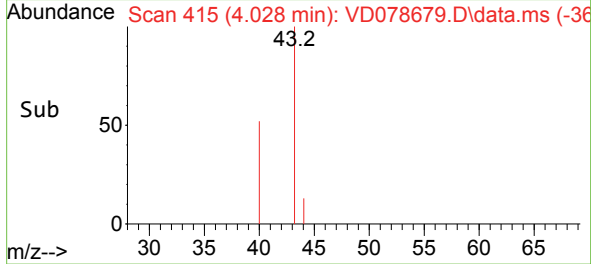
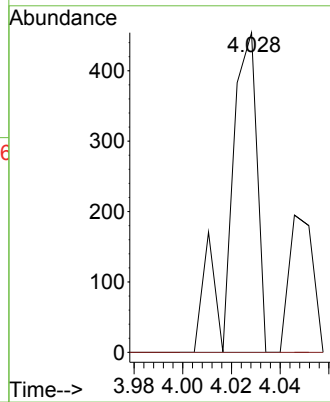
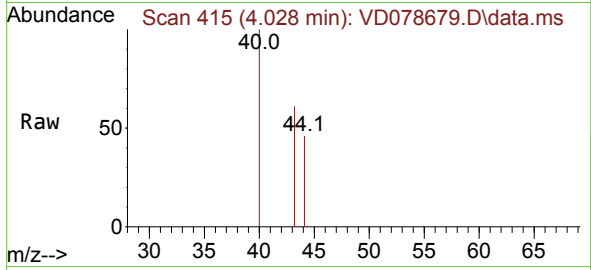
VD0315SBL01

Tgt Ion: 43 Resp: 356

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.822 min Scan# 550

Delta R.T. 0.011 min

Lab File: VD078679.D

Acq: 15 Mar 2024 10:28

Tgt Ion: 84 Resp: 3777

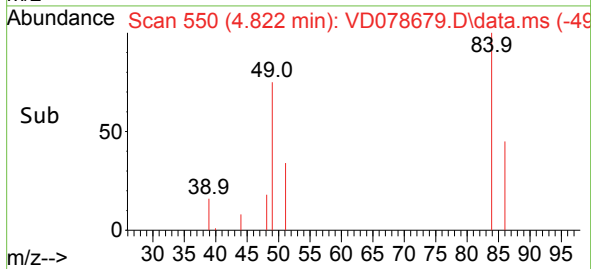
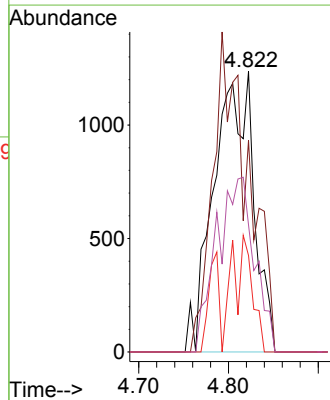
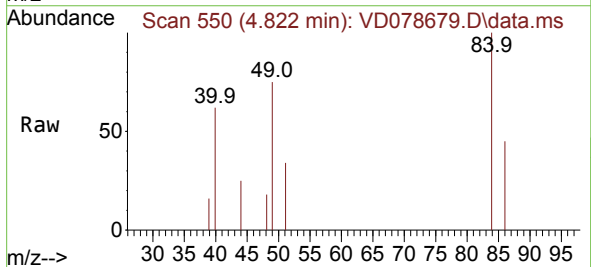
Ion Ratio Lower Upper

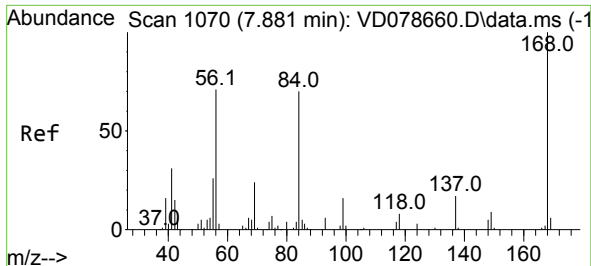
84 100

49 75.4 75.6 113.4#

51 34.4 23.4 35.0

86 45.3 47.8 71.6#

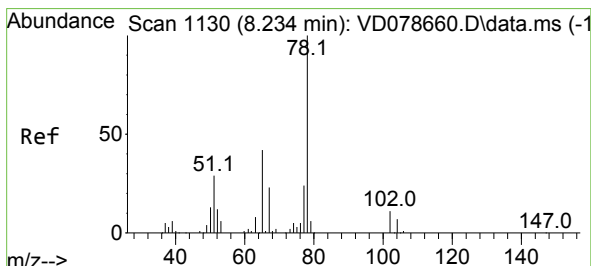
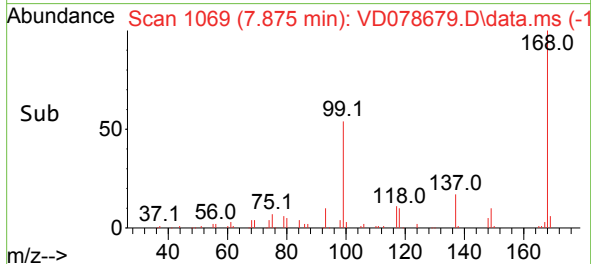
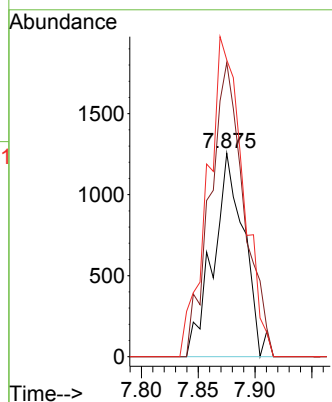
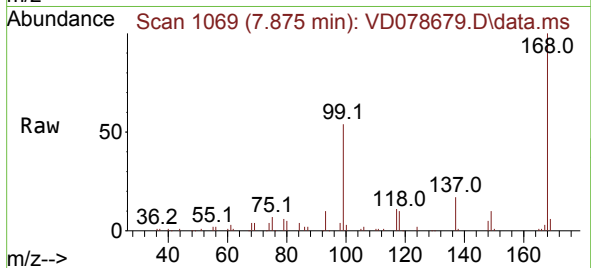




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

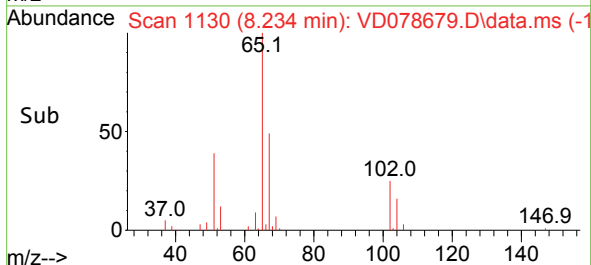
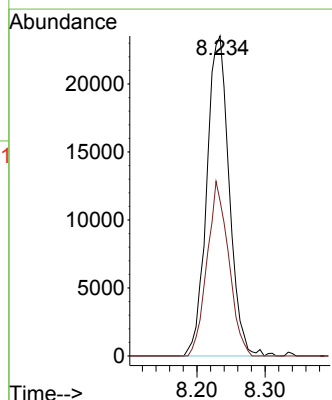
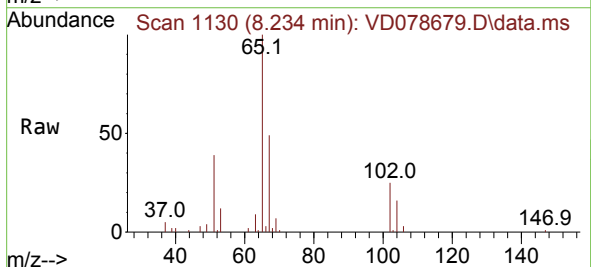
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

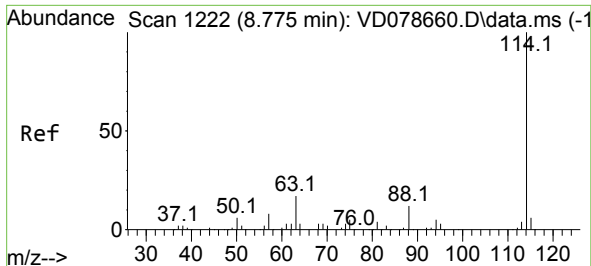
Tgt Ion: 56 Resp: 2370
Ion Ratio Lower Upper
56 100
69 144.4 26.6 40.0#
84 145.9 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 48.360 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

Tgt Ion: 65 Resp: 53958
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078679.D

Acq: 15 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBL01

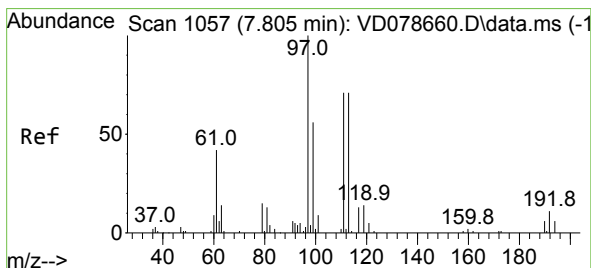
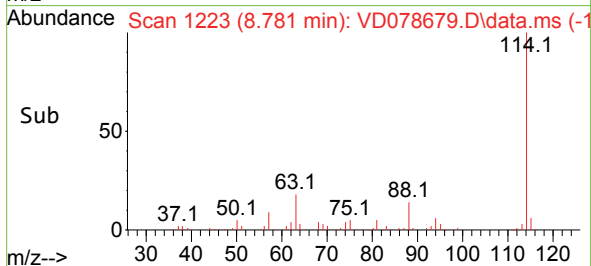
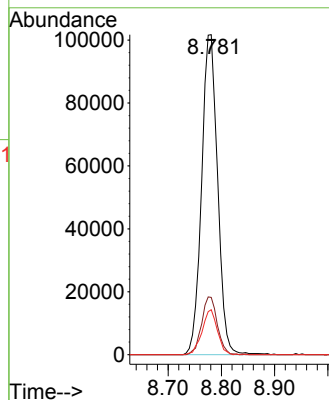
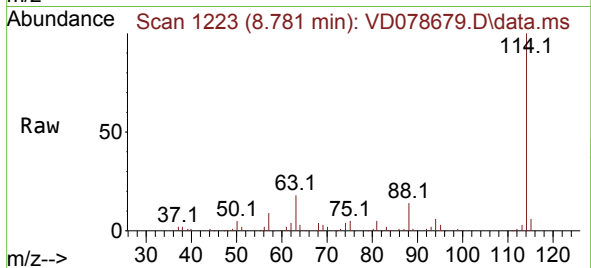
Tgt Ion:114 Resp: 212426

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 43.833 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078679.D

Acq: 15 Mar 2024 10:28

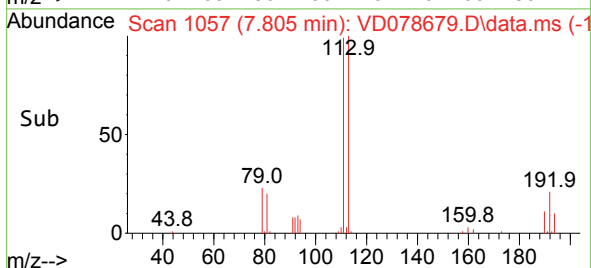
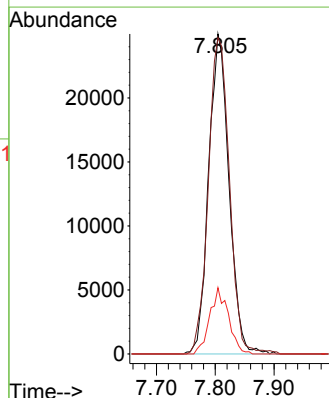
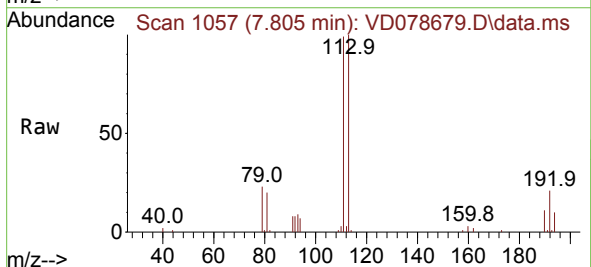
Tgt Ion:113 Resp: 59950

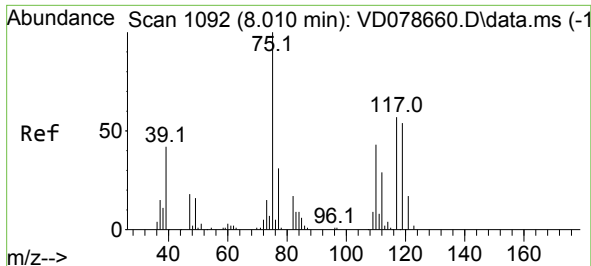
Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 19.0 15.4 23.0

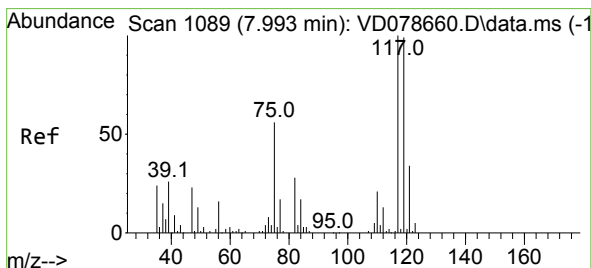
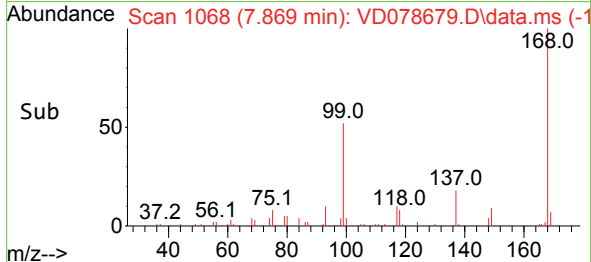
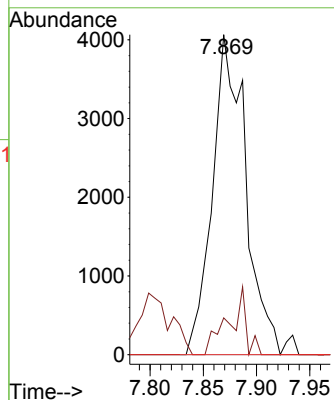
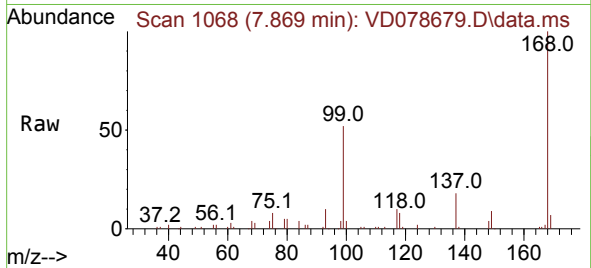




#36
 1,1-Dichloropropene
 Concen: 4.437 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VD078679.D
 Acq: 15 Mar 2024 10:28

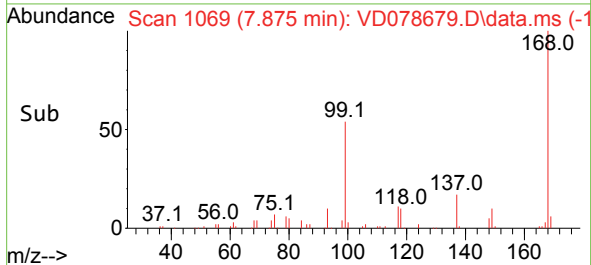
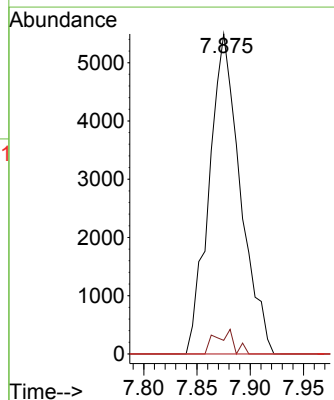
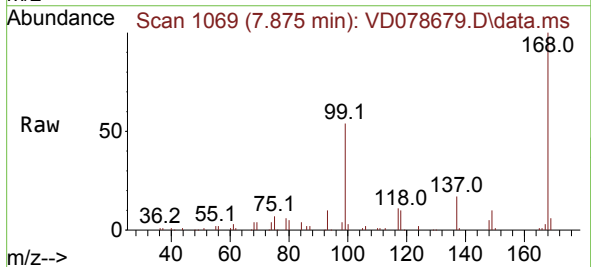
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBL01

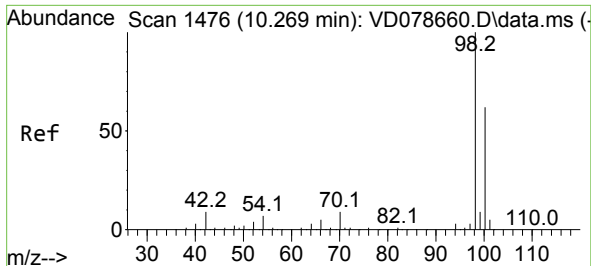
Tgt Ion: 75 Resp: 8804
 Ion Ratio Lower Upper
 75 100
 110 11.3 19.1 57.1#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 5.371 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.118 min
 Lab File: VD078679.D
 Acq: 15 Mar 2024 10:28

Tgt Ion: 117 Resp: 11236
 Ion Ratio Lower Upper
 117 100
 119 4.3 79.2 118.8#
 121 0.0 26.8 40.2#

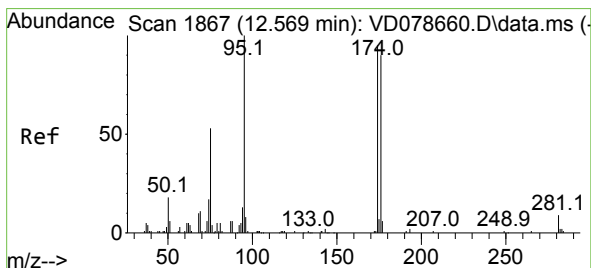
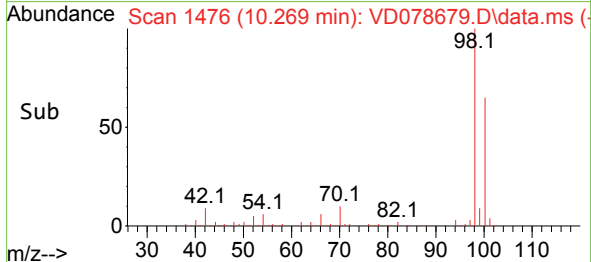
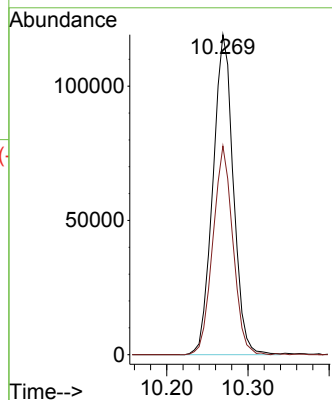
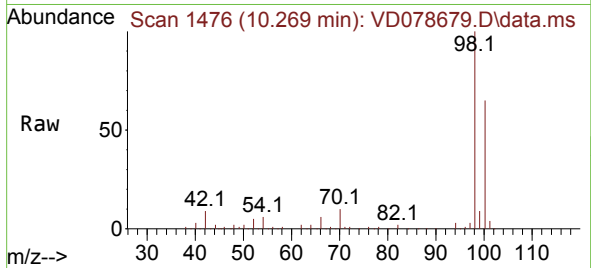




#50
Toluene-d8
Concen: 41.484 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

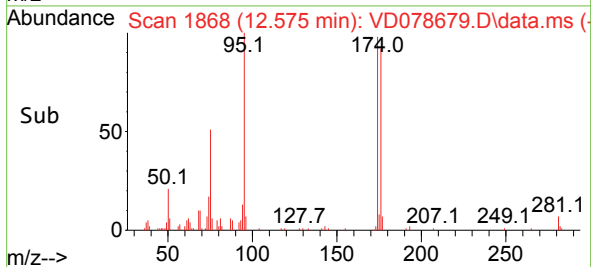
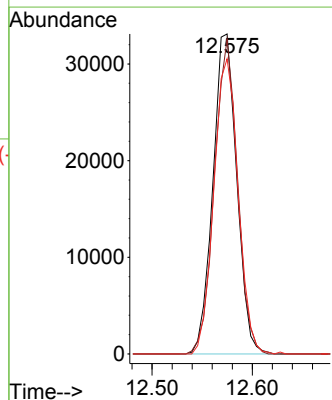
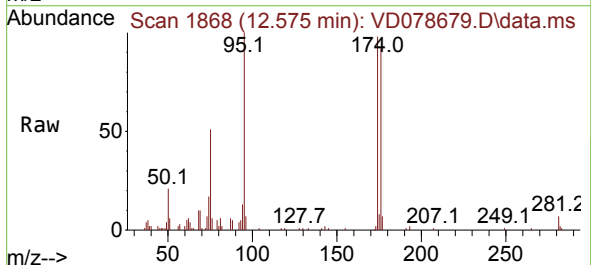
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

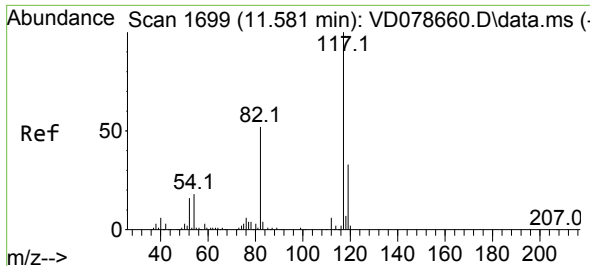
Tgt Ion: 98 Resp: 208664
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 37.143 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

Tgt Ion: 95 Resp: 54658
Ion Ratio Lower Upper
95 100
174 95.3 0.0 195.2
176 94.3 0.0 188.2

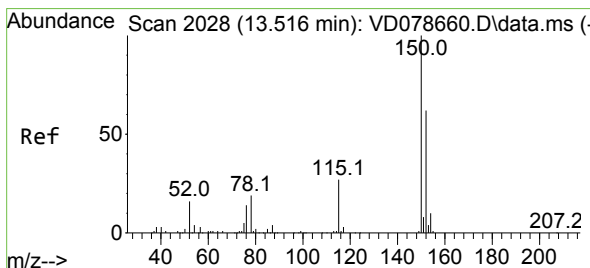
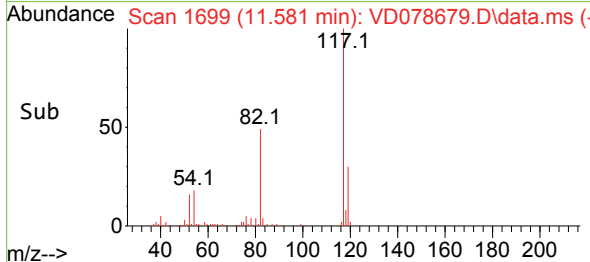
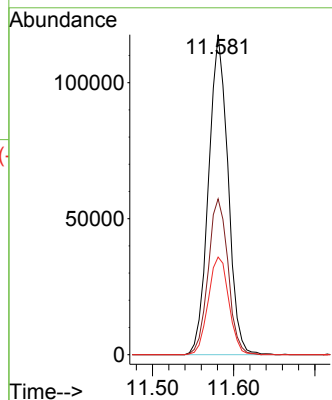
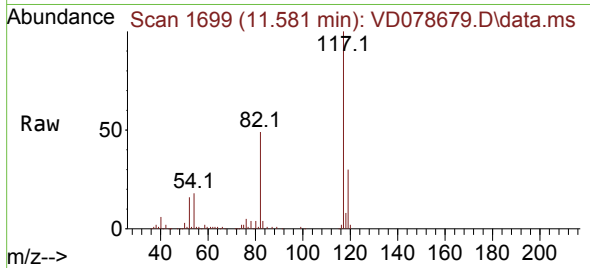




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

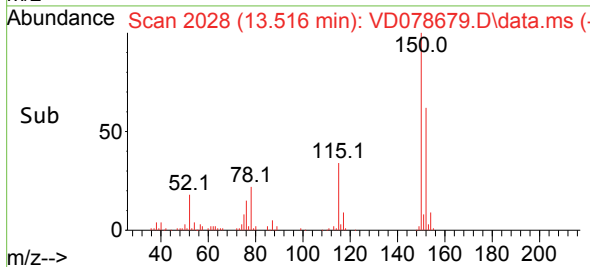
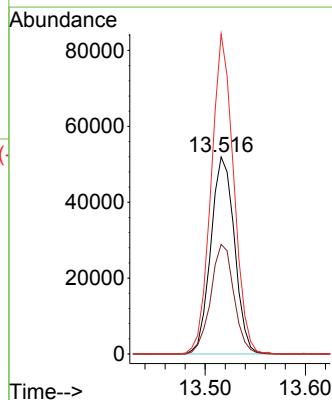
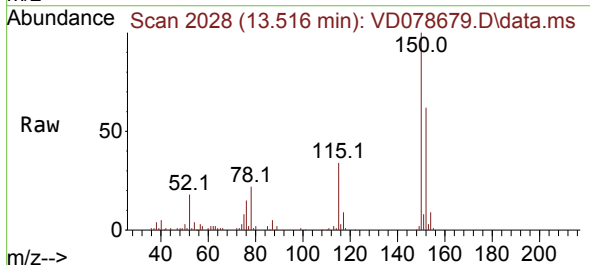
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

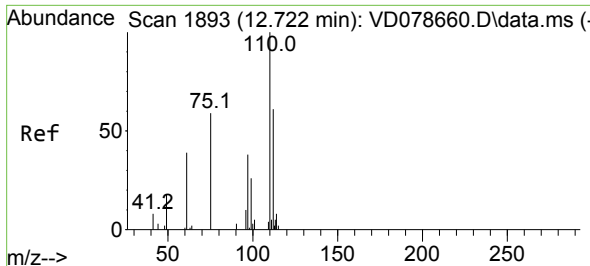
Tgt Ion:117 Resp: 195355
Ion Ratio Lower Upper
117 100
82 48.7 41.4 62.2
119 30.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

Tgt Ion:152 Resp: 85287
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.2
150 154.3 0.0 350.2

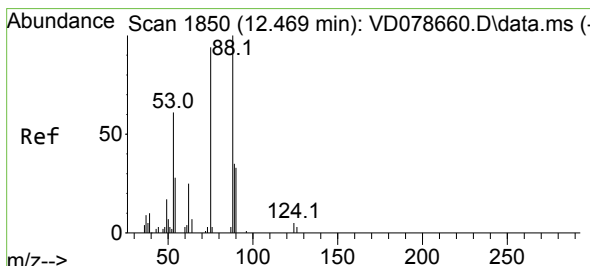
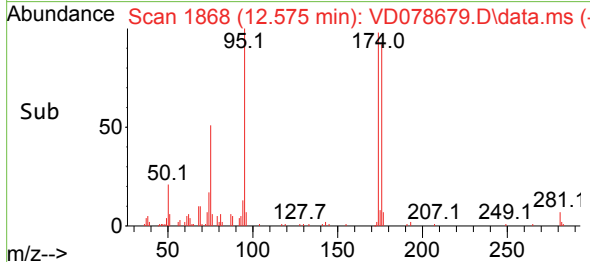
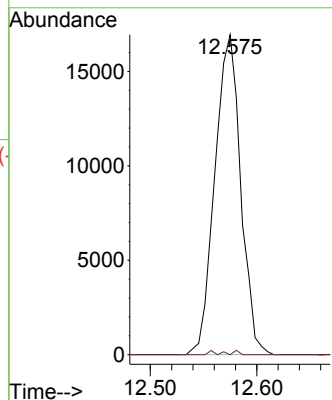
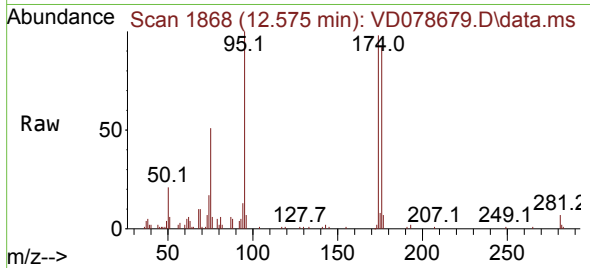




#76
1,2,3-Trichloropropane
Concen: 43.383 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

Tgt Ion: 75 Resp: 28506
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.937 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078679.D
Acq: 15 Mar 2024 10:28

Tgt Ion: 75 Resp: 28506
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

