

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076355.D
 Acq On : 07 Jun 2023 15:50
 Operator : KP/SY
 Sample : 03068-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-2-060623

Quant Time: Jun 08 01:18:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

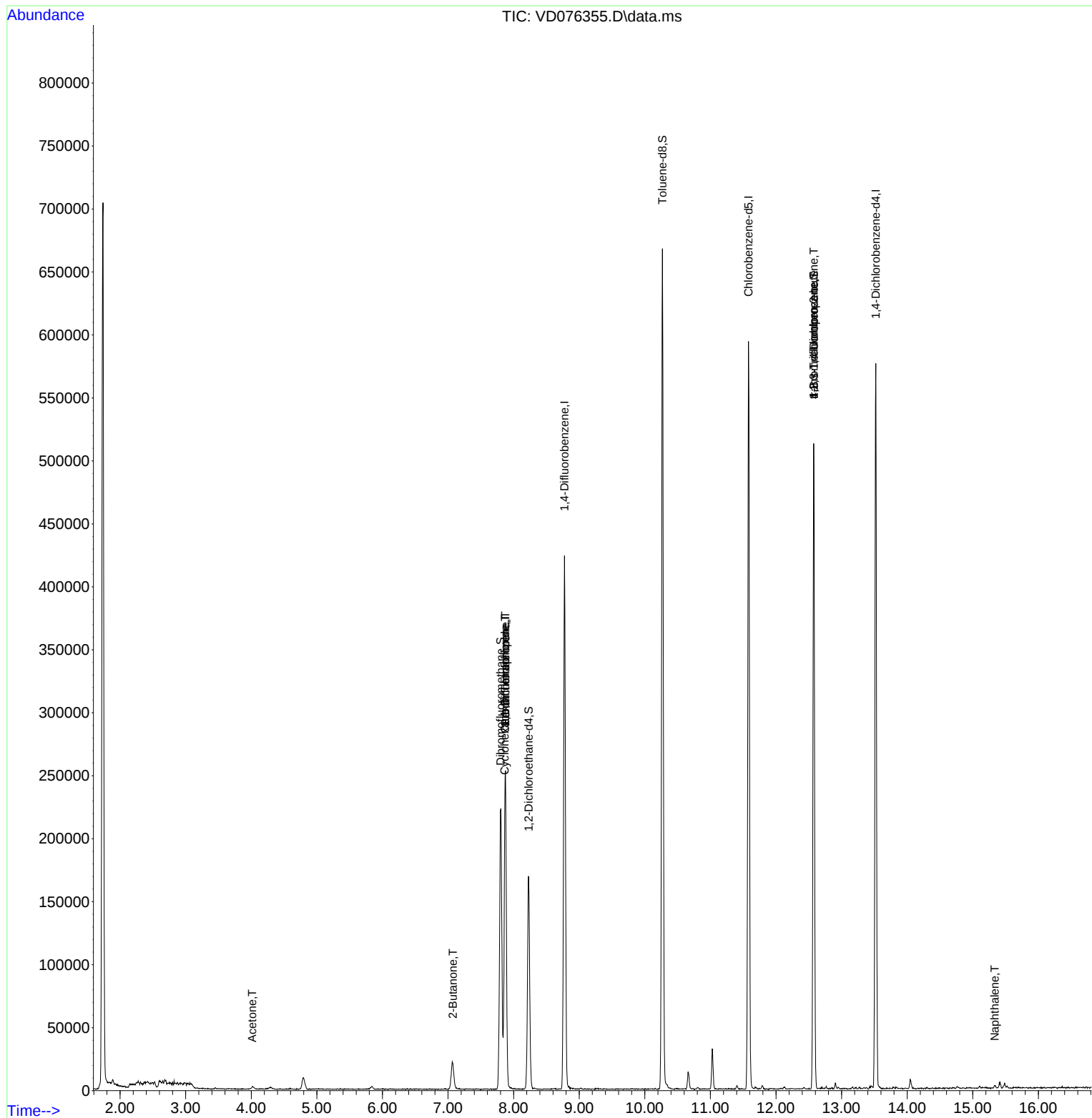
Internal Standards						
1) Pentafluorobenzene	7.875	168	216424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	401500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	380026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	168759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	129440	66.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.500%	
35) Dibromofluoromethane	7.799	113	166313	65.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.480%	
50) Toluene-d8	10.269	98	487519	48.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	12.575	95	148720	55.367	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.740%	
Target Compounds						Qvalue
16) Acetone	4.017	43	3441	9.688	ug/l	89
20) Methylene Chloride	4.793	84	8244	Below Cal		94
25) 2-Butanone	7.075	43	953	1.938	ug/l #	84
28) Bromochloromethane	7.434	49	54	Below Cal	#	1
31) Cyclohexane	7.863	56	4069	1.250	ug/l #	22
36) 1,1-Dichloropropene	7.875	75	15182	4.145	ug/l #	47
38) Carbon Tetrachloride	7.869	117	19194	5.978	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	75140	47.699	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	75140	114.241	ug/l #	17
95) Naphthalene	15.334	128	2384	3.662	ug/l #	83

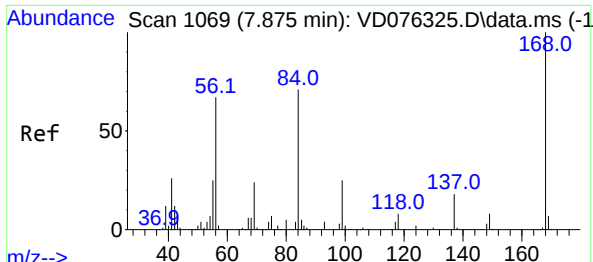
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SU-2-060623

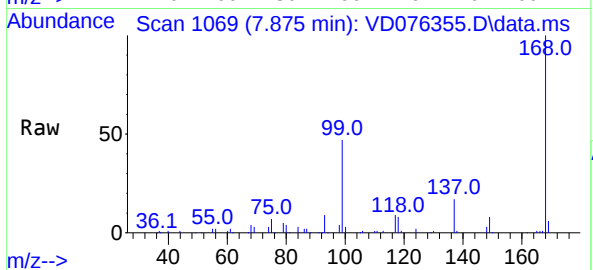
Quant Time: Jun 08 01:18:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
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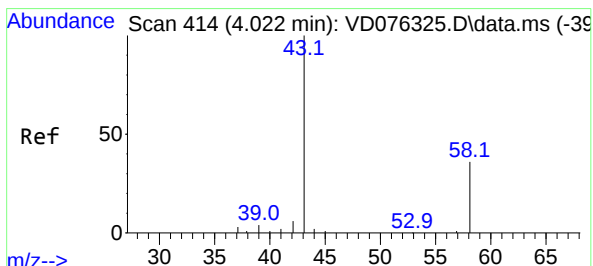
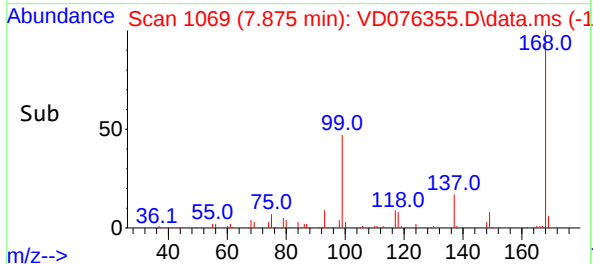
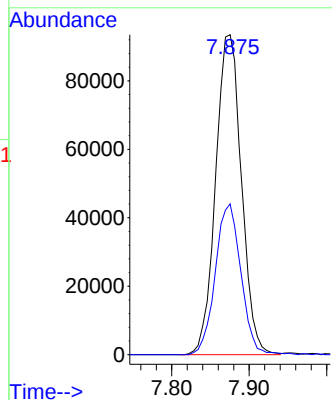


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Instrument :
MSVOA_D
ClientSampleId :
SU-2-060623

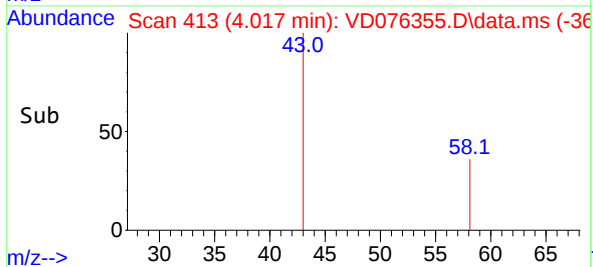
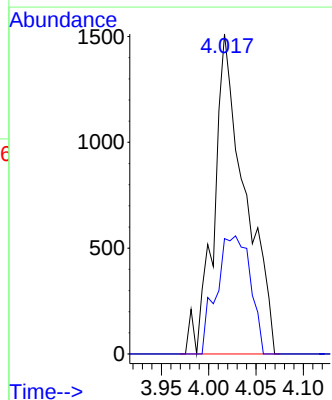
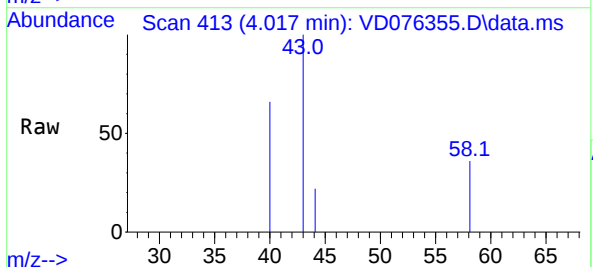


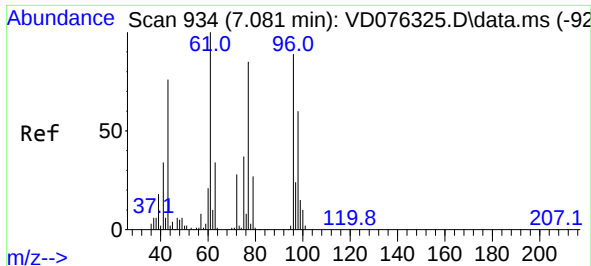
Tgt Ion:168 Resp: 216424
Ion Ratio Lower Upper
168 100
99 47.1 36.7 55.1



#16
Acetone
Concen: 9.688 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Tgt Ion: 43 Resp: 3441
Ion Ratio Lower Upper
43 100
58 36.0 34.7 52.1

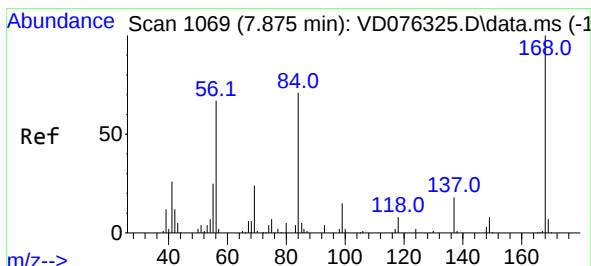
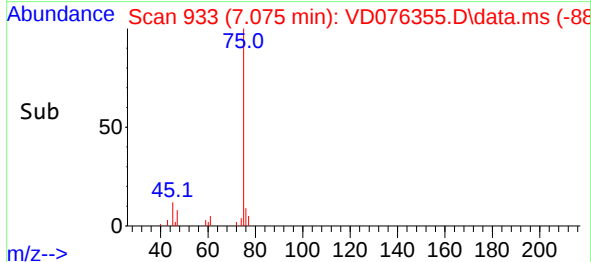
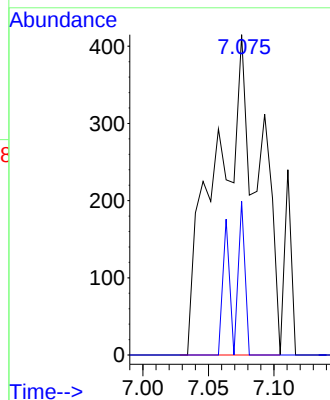
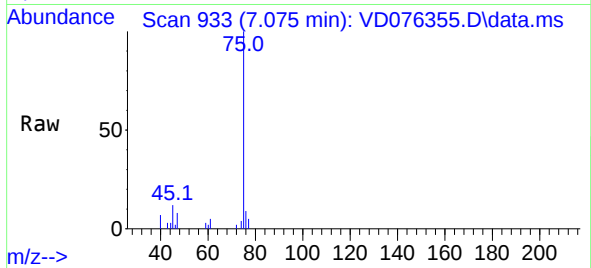




#25
2-Butanone
Concen: 1.938 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

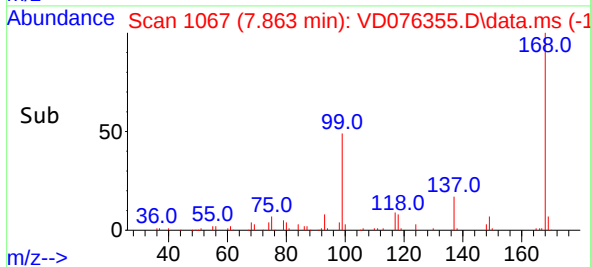
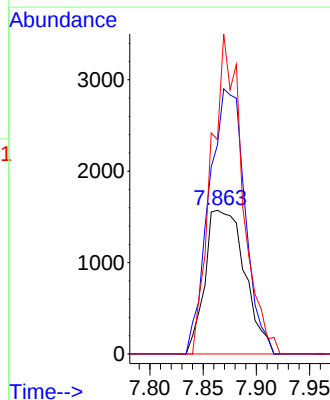
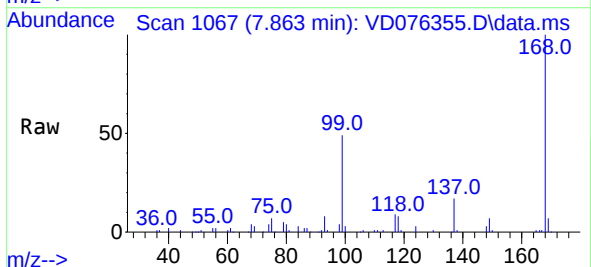
Instrument :
MSVOA_D
ClientSampleId :
SU-2-060623

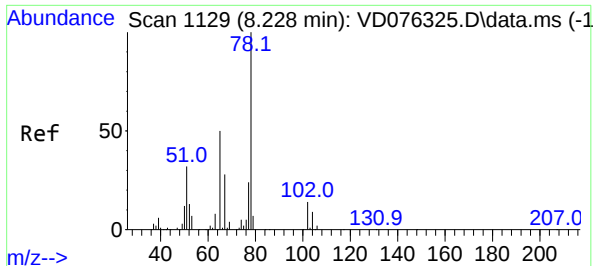
Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
72 48.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Tgt Ion: 56 Resp: 4069
Ion Ratio Lower Upper
56 100
69 145.5 28.6 43.0#
84 149.1 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 66.751 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076355.D

Acq: 07 Jun 2023 15:50

Instrument :

MSVOA_D

ClientSampleId :

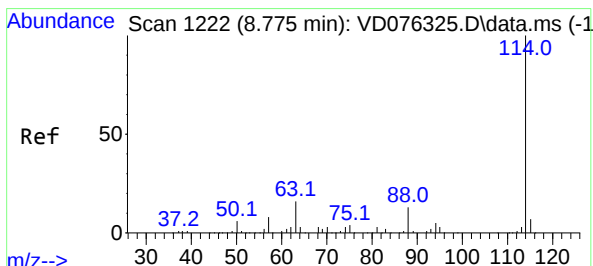
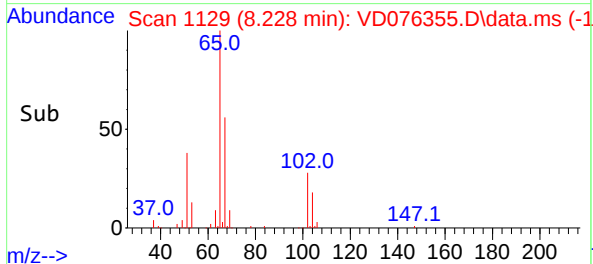
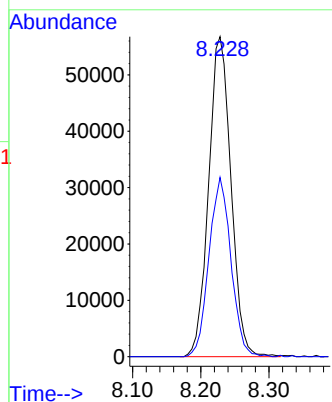
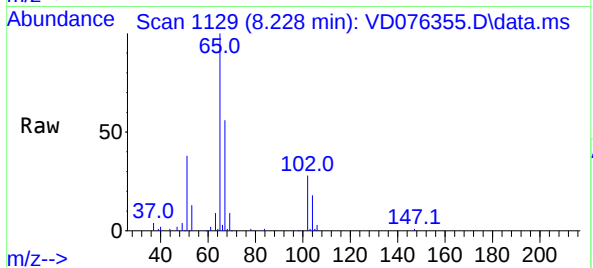
SU-2-060623

Tgt Ion: 65 Resp: 129440

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076355.D

Acq: 07 Jun 2023 15:50

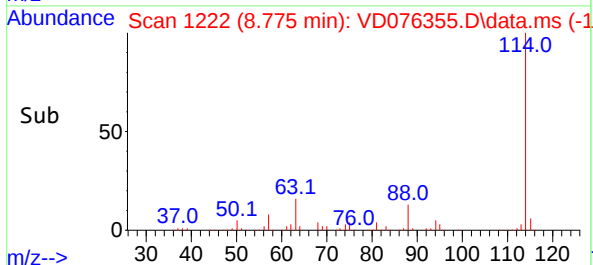
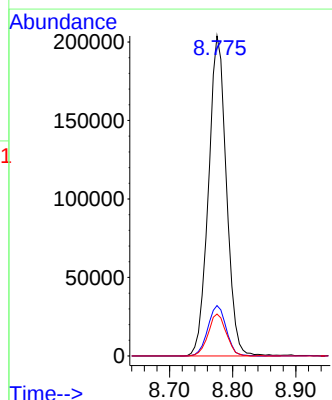
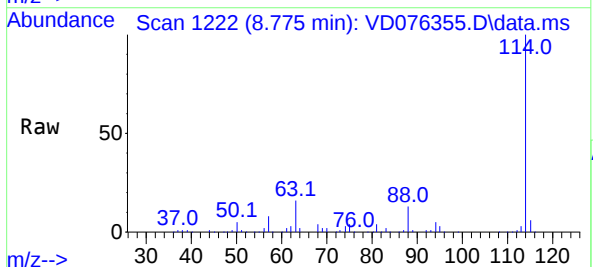
Tgt Ion: 114 Resp: 401500

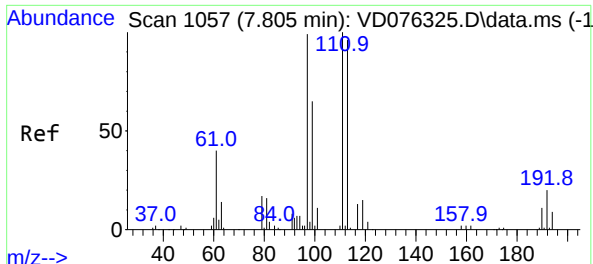
Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.4

88 13.1 0.0 26.2

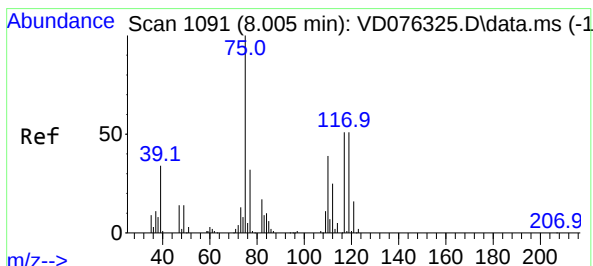
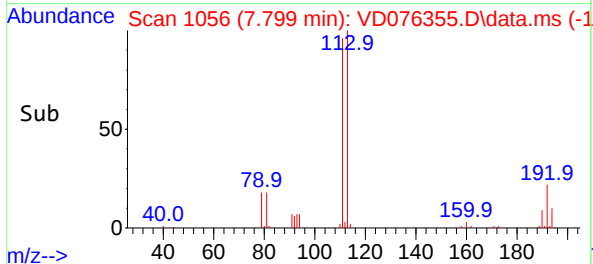
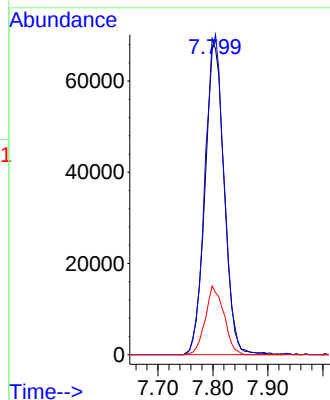
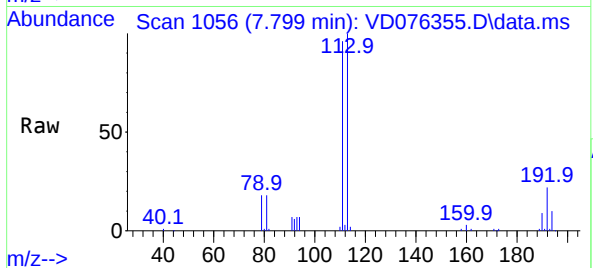




#35
Dibromofluoromethane
Concen: 65.240 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

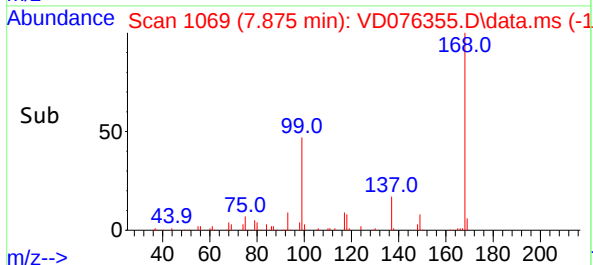
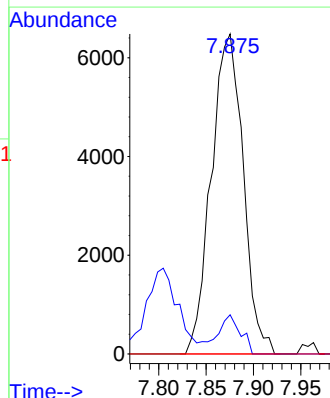
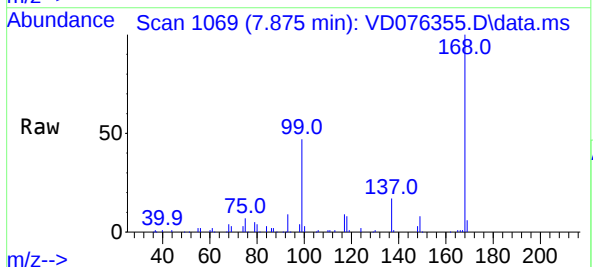
Instrument :
MSVOA_D
ClientSampleId :
SU-2-060623

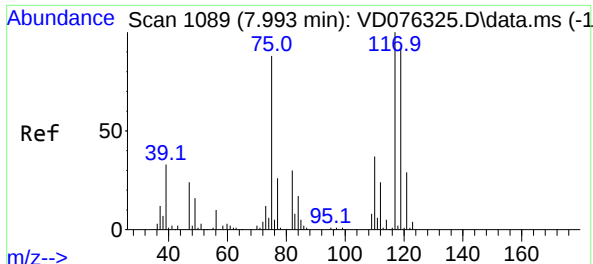
Tgt Ion:113 Resp: 166313
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.145 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

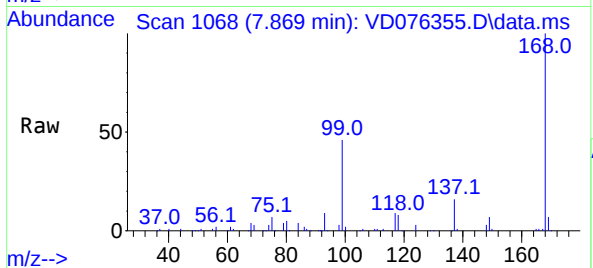
Tgt Ion: 75 Resp: 15182
Ion Ratio Lower Upper
75 100
110 8.2 19.9 59.6#
77 0.0 24.7 37.1#



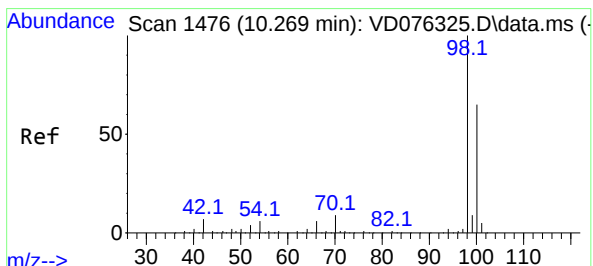
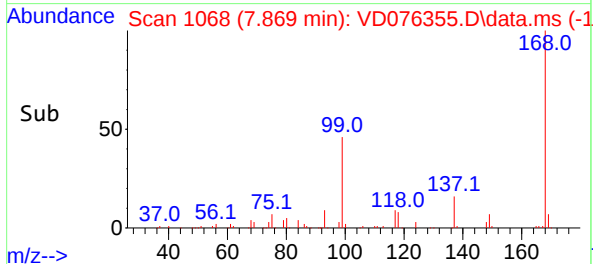
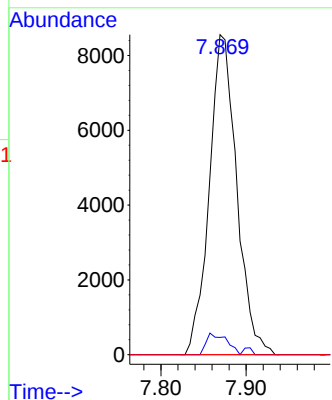


#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Instrument :
MSVOA_D
ClientSampleId :
SU-2-060623

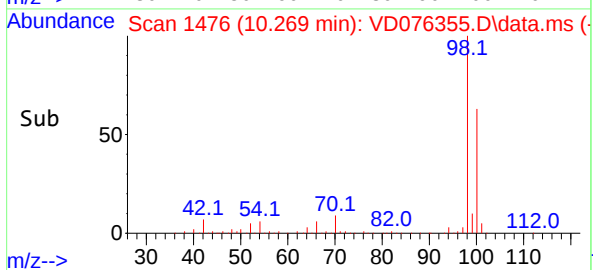
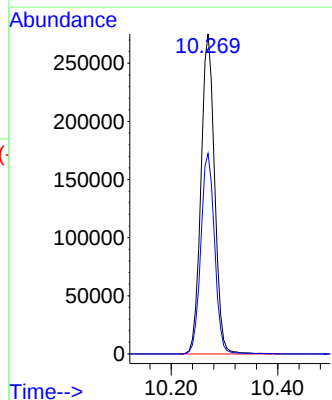
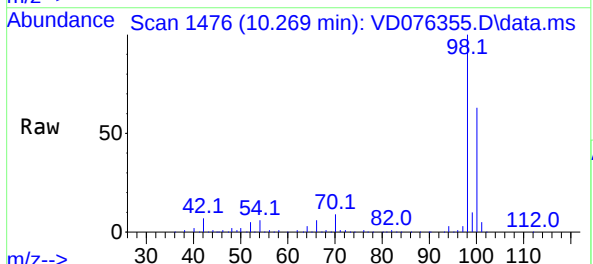


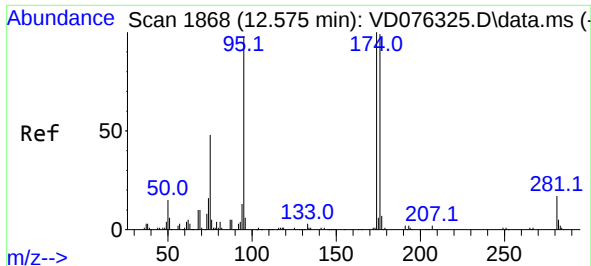
Tgt Ion:117 Resp: 19194
Ion Ratio Lower Upper
117 100
119 5.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.032 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Tgt Ion: 98 Resp: 487519
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5

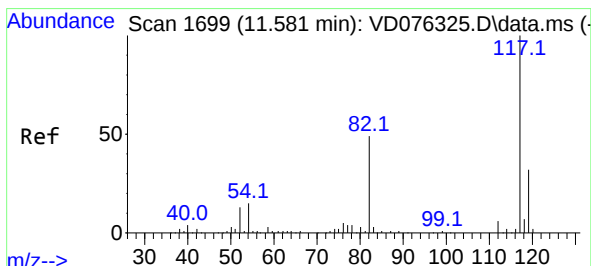
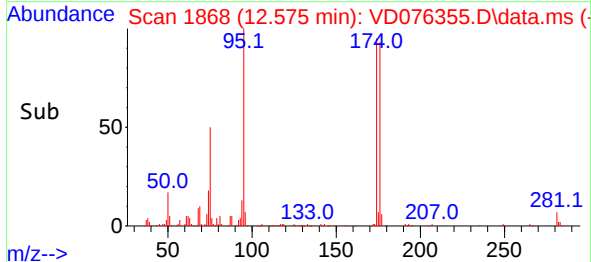
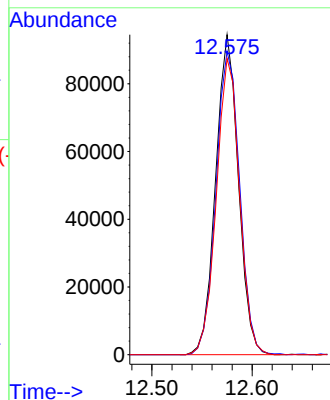
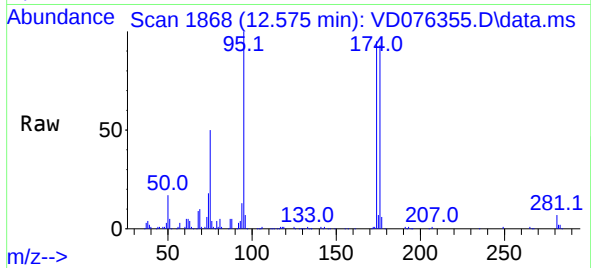




#62
4-Bromofluorobenzene
Concen: 55.367 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

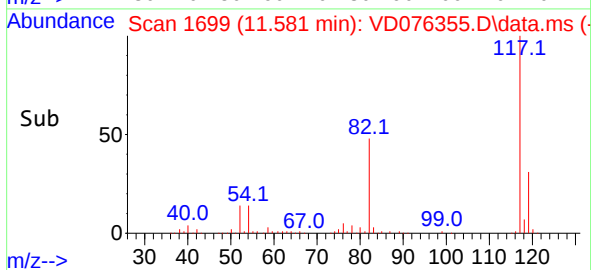
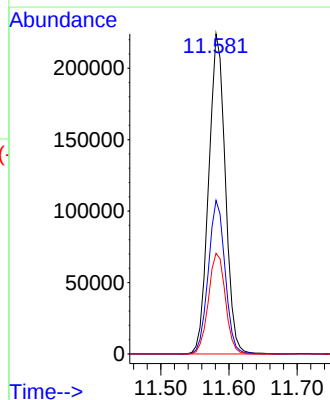
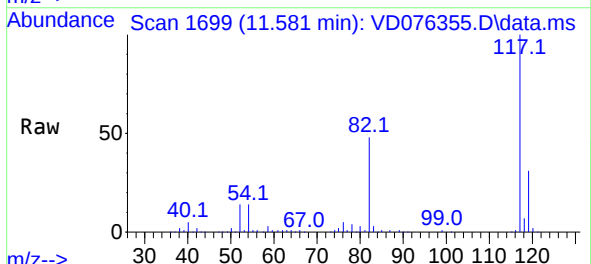
Instrument :
MSVOA_D
ClientSampleId :
SU-2-060623

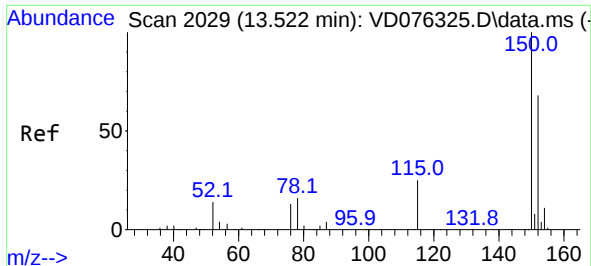
Tgt Ion: 95 Resp: 148720
Ion Ratio Lower Upper
95 100
174 98.8 0.0 201.8
176 94.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Tgt Ion: 117 Resp: 380026
Ion Ratio Lower Upper
117 100
82 48.0 38.3 57.5
119 31.5 25.0 37.4

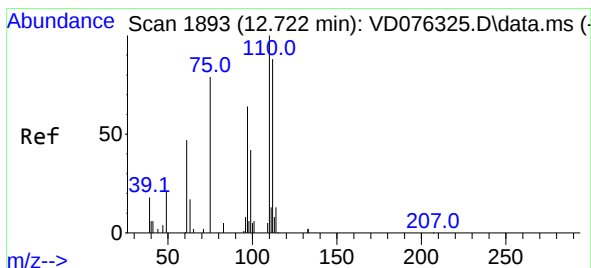
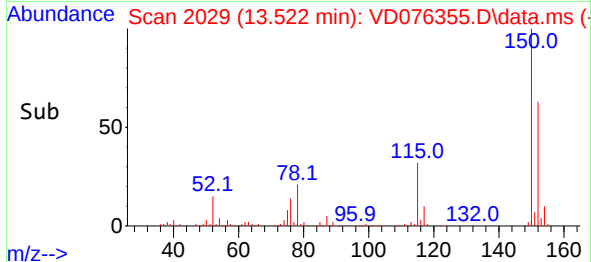
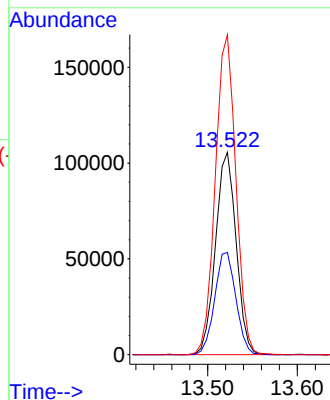
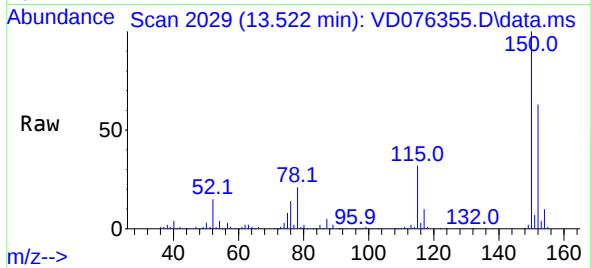




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

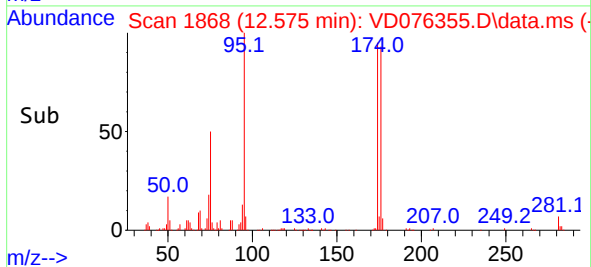
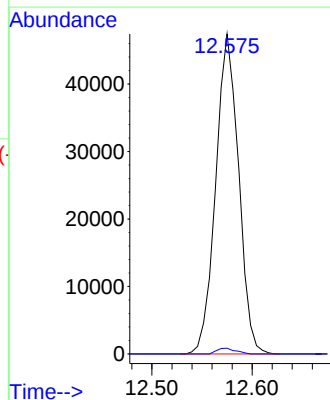
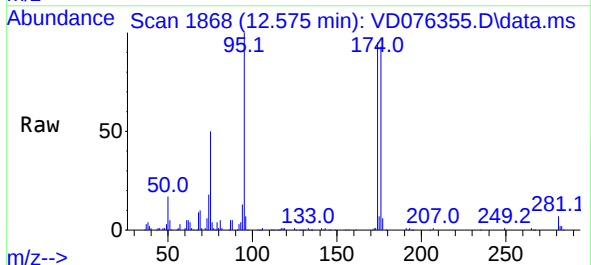
Instrument :
MSVOA_D
ClientSampleId :
SU-2-060623

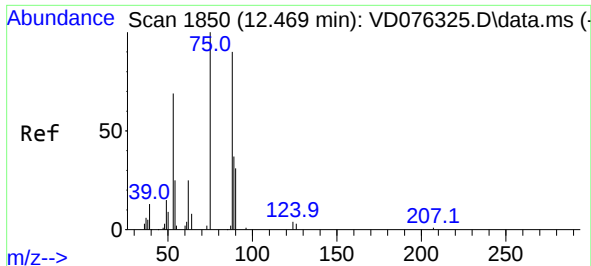
Tgt Ion:152 Resp: 168759
Ion Ratio Lower Upper
152 100
115 52.0 27.1 81.3
150 157.7 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 47.699 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Tgt Ion: 75 Resp: 75140
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

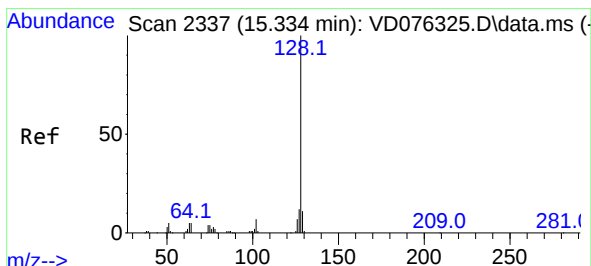
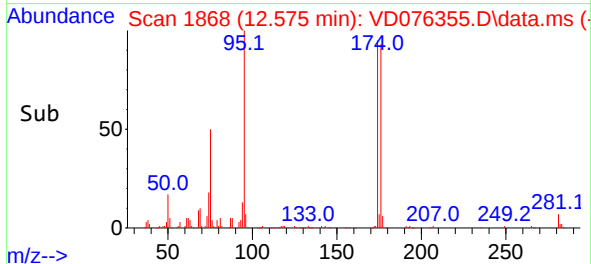
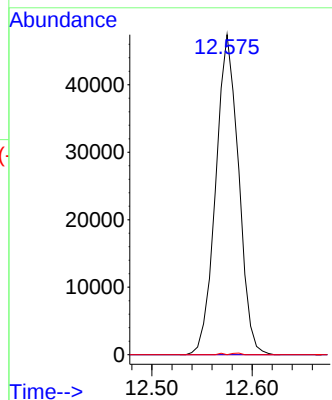
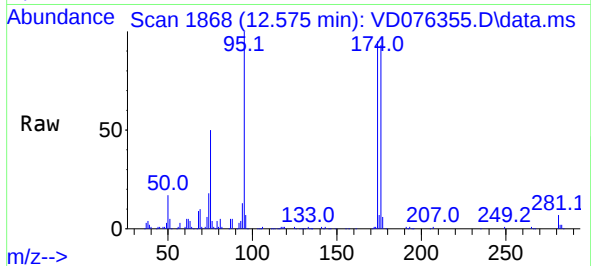




#81
trans-1,4-Dichloro-2-butene
Concen: 114.241 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Instrument :
MSVOA_D
ClientSampleId :
SU-2-060623

Tgt Ion: 75 Resp: 75140
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.3 37.9 56.9#



#95
Naphthalene
Concen: 3.662 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076355.D
Acq: 07 Jun 2023 15:50

Tgt Ion: 128 Resp: 2384
Ion Ratio Lower Upper
128 100
127 16.1 10.5 15.7#
129 21.5 8.7 13.1#

