

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078380.D
 Acq On : 08 Feb 2024 20:18
 Operator : RP/MD
 Sample : P1389-07
 Misc : 6.35G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

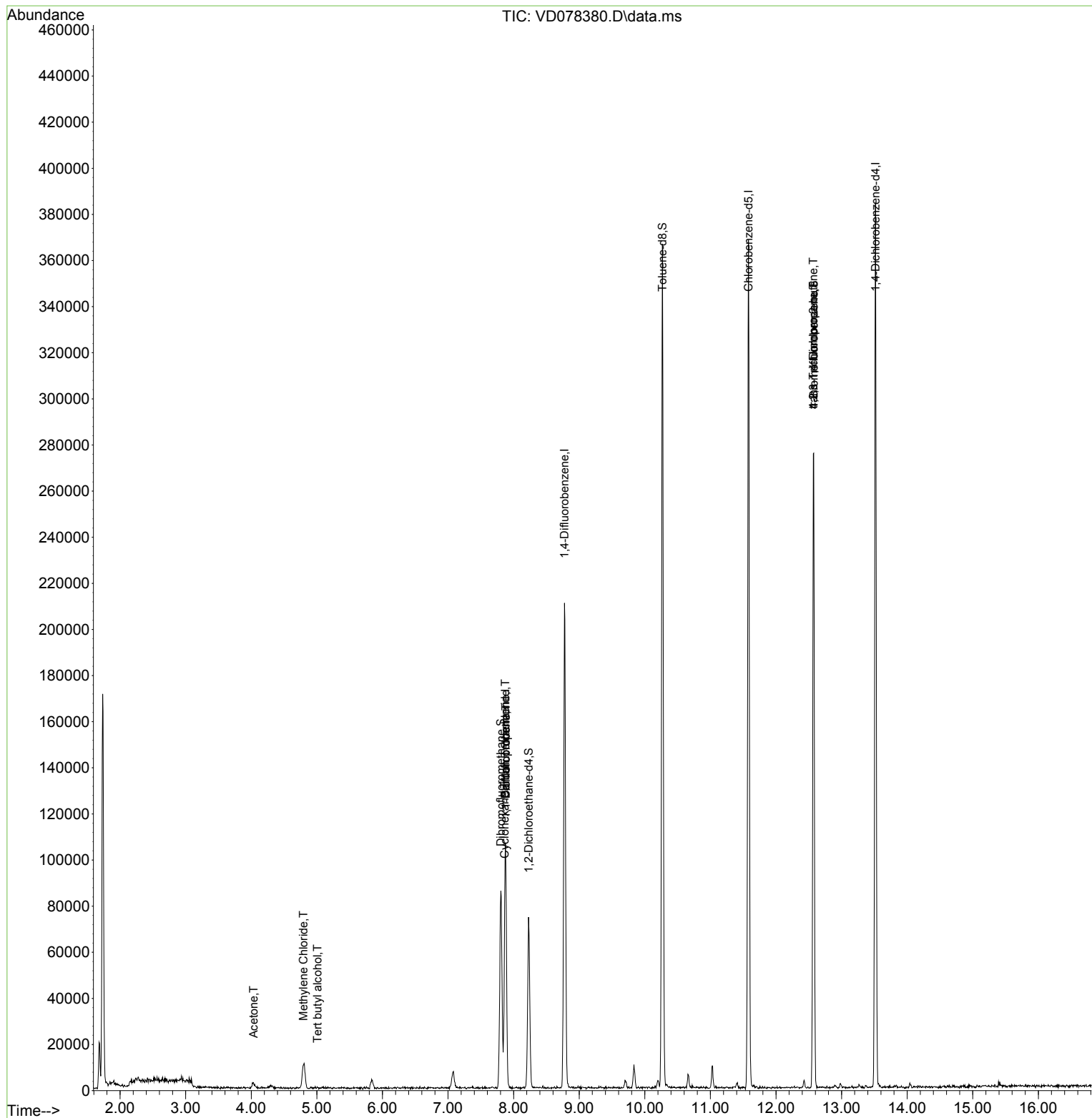
Internal Standards						
1) Pentafluorobenzene	7.875	168	77552	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	180743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55957	58.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.580%	
35) Dibromofluoromethane	7.805	113	64032	49.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.520%	
50) Toluene-d8	10.269	98	242534	49.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.575	95	84224	57.729	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.011	59	136	2.221	ug/l	# 73
16) Acetone	4.034	43	3703	1.842	ug/l	90
20) Methylene Chloride	4.793	84	8718	4.938	ug/l	# 80
31) Cyclohexane	7.863	56	2537	1.411	ug/l	# 64
36) 1,1-Dichloropropene	7.881	75	7707	3.612	ug/l	# 42
38) Carbon Tetrachloride	7.875	117	7964	3.796	ug/l	# 20
76) 1,2,3-Trichloropropane	12.569	75	46474	46.337	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	46474	92.154	ug/l	# 17

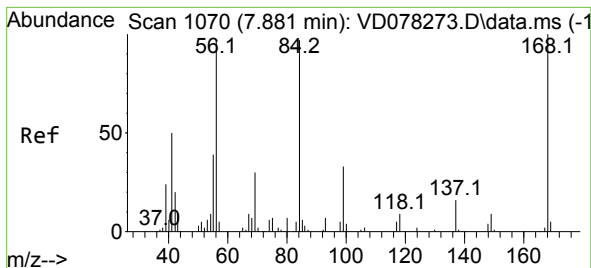
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
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Quant Time: Feb 09 03:14:46 2024
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078380.D

Acq: 08 Feb 2024 20:18

Instrument :

MSVOA_D

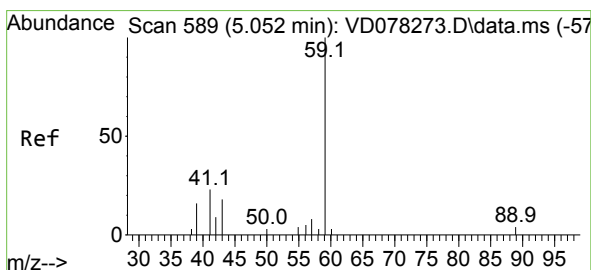
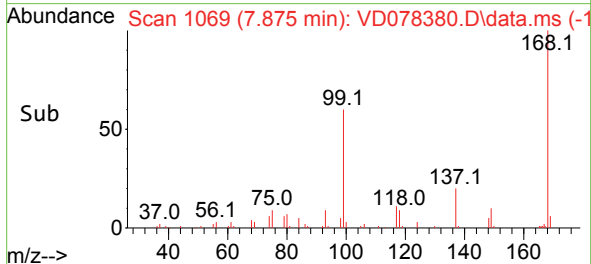
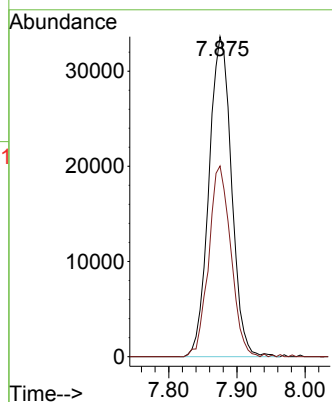
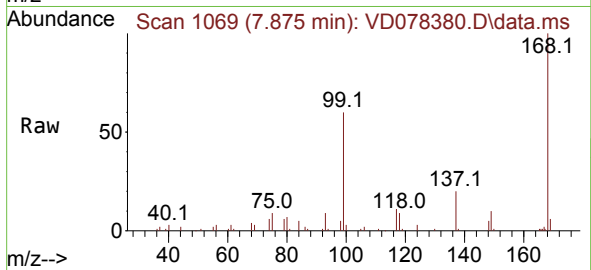
ClientSampleId :

Tgt Ion:168 Resp: 77552

Ion Ratio Lower Upper

168 100

99 59.6 36.7 55.1#



#11

Tert butyl alcohol

Concen: 2.221 ug/l

RT: 5.011 min Scan# 582

Delta R.T. -0.041 min

Lab File: VD078380.D

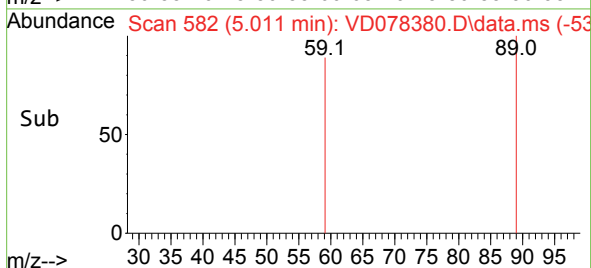
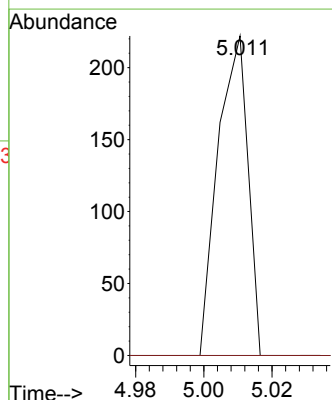
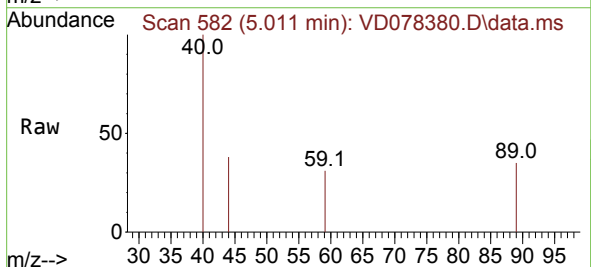
Acq: 08 Feb 2024 20:18

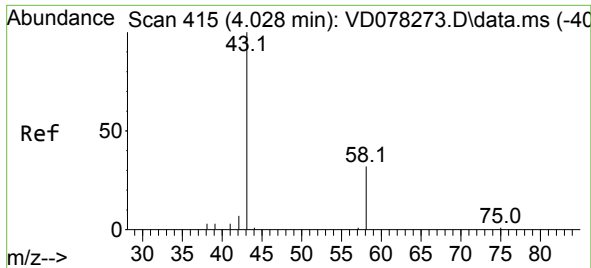
Tgt Ion: 59 Resp: 136

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#16

Acetone

Concen: 1.842 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078380.D

Acq: 08 Feb 2024 20:18

Instrument :

MSVOA_D

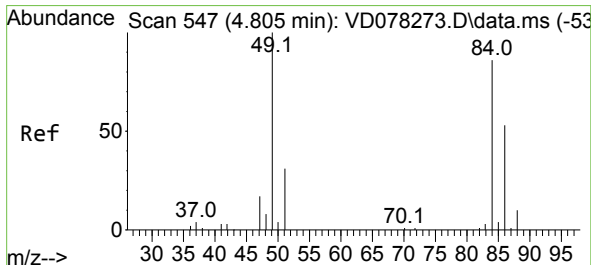
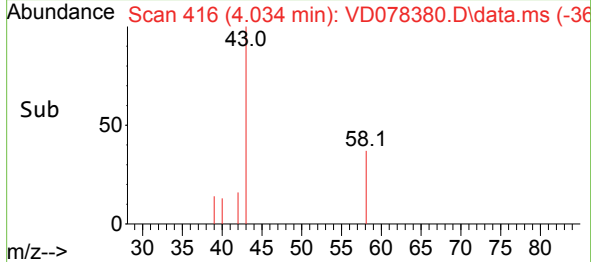
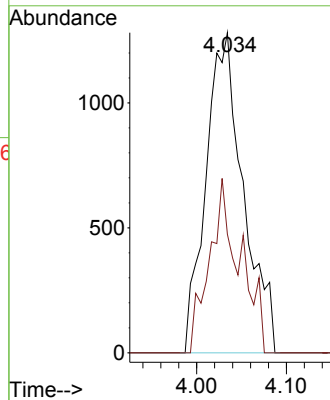
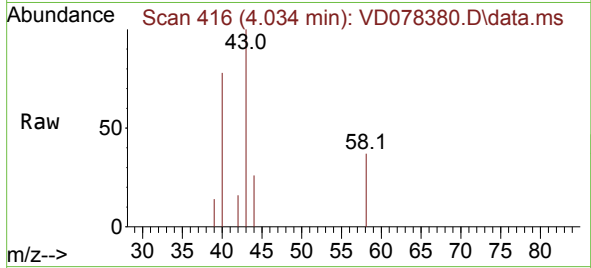
ClientSampleId :

Tgt Ion: 43 Resp: 3703

Ion Ratio Lower Upper

43 100

58 37.0 34.7 52.1



#20

Methylene Chloride

Concen: 4.938 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD078380.D

Acq: 08 Feb 2024 20:18

Tgt Ion: 84 Resp: 8718

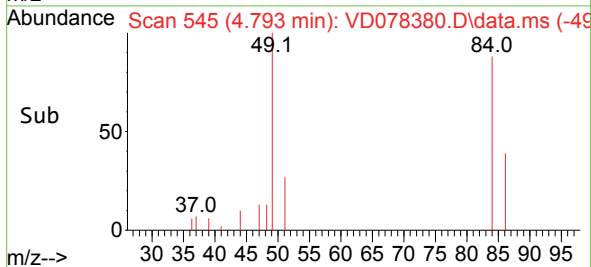
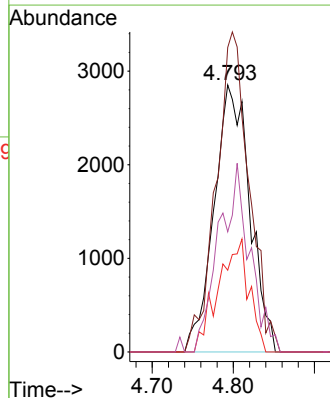
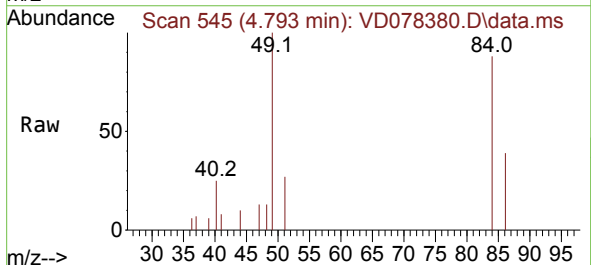
Ion Ratio Lower Upper

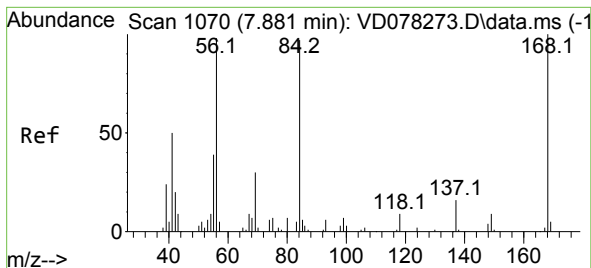
84 100

49 114.0 71.4 107.2#

51 30.6 24.5 36.7

86 45.0 48.7 73.1#





#31

Cyclohexane

Concen: 1.411 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.017 min

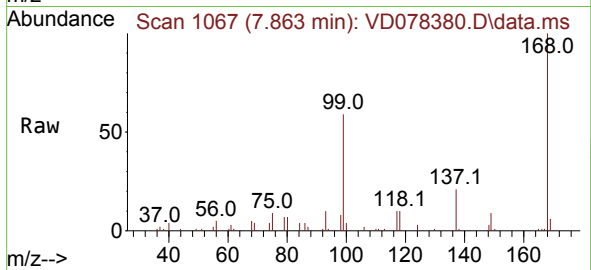
Lab File: VD078380.D

Acq: 08 Feb 2024 20:18

Instrument :

MSVOA_D

ClientSampleId :



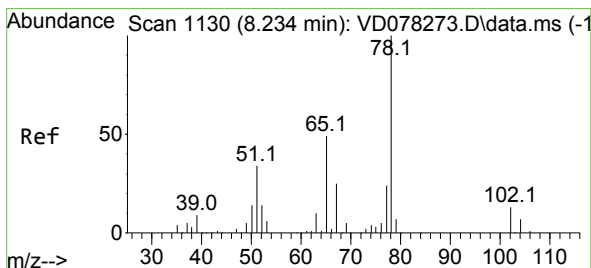
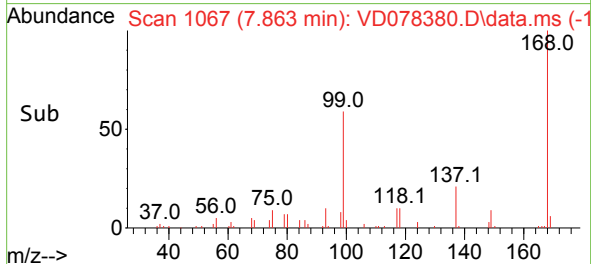
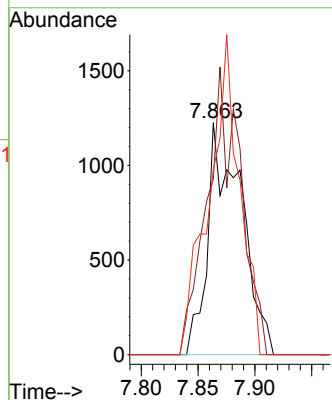
Tgt Ion: 56 Resp: 2537

Ion Ratio Lower Upper

56 100

69 75.7 28.6 43.0#

84 79.8 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 58.286 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078380.D

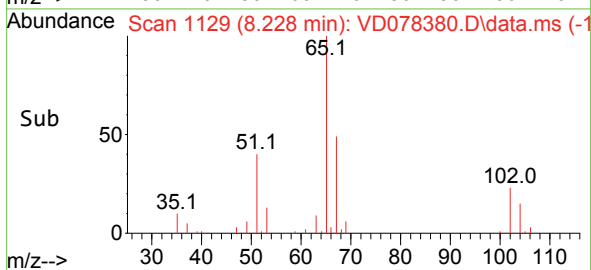
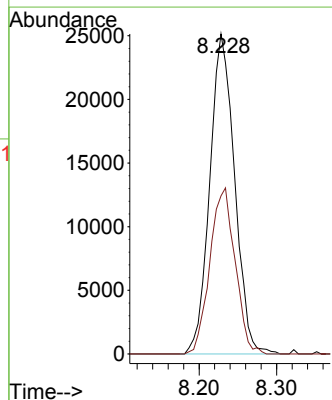
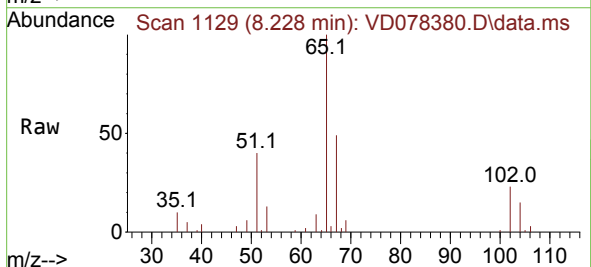
Acq: 08 Feb 2024 20:18

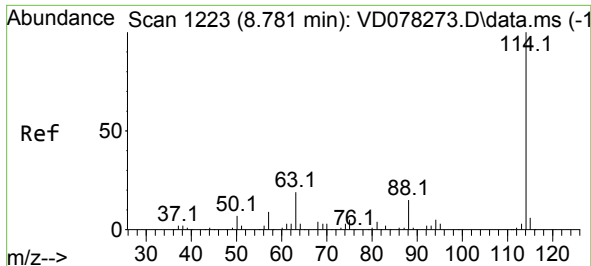
Tgt Ion: 65 Resp: 55957

Ion Ratio Lower Upper

65 100

67 52.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078380.D

Acq: 08 Feb 2024 20:18

Instrument :

MSVOA_D

ClientSampleId :

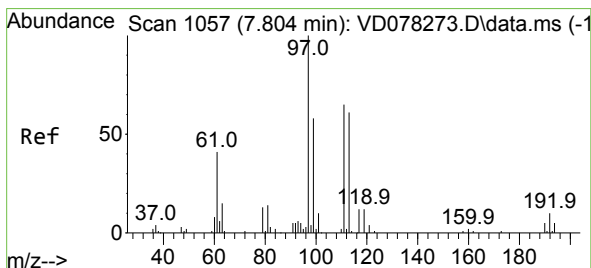
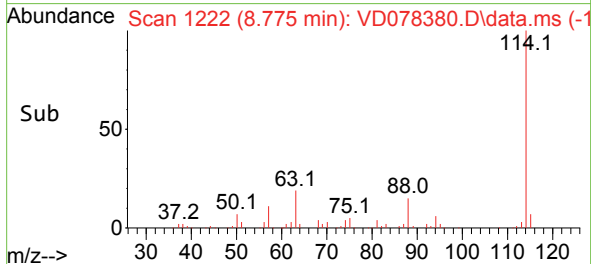
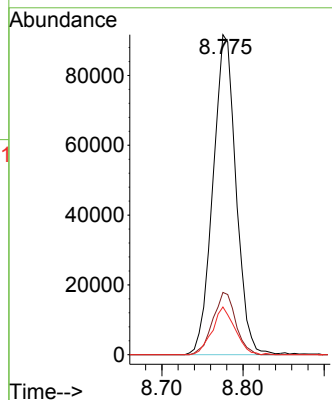
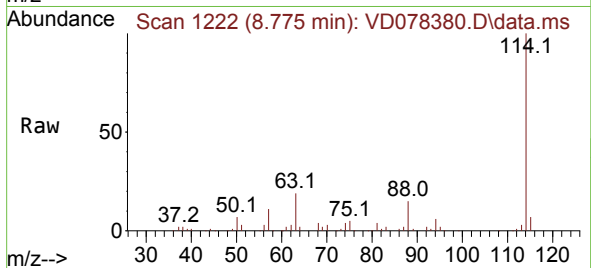
Tgt Ion:114 Resp: 180743

Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 14.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.762 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078380.D

Acq: 08 Feb 2024 20:18

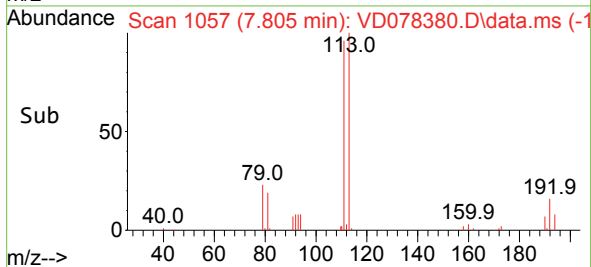
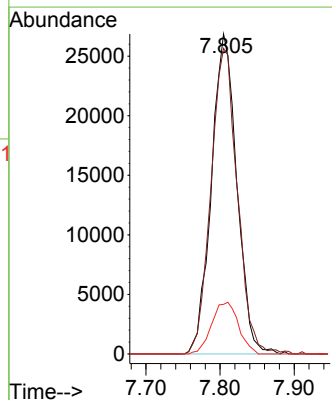
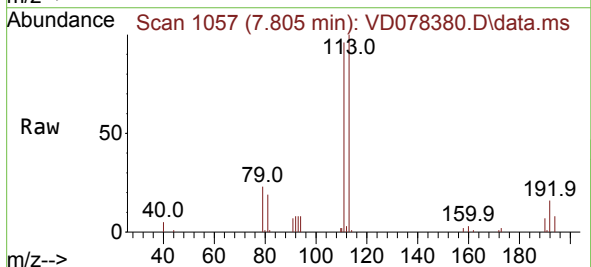
Tgt Ion:113 Resp: 64032

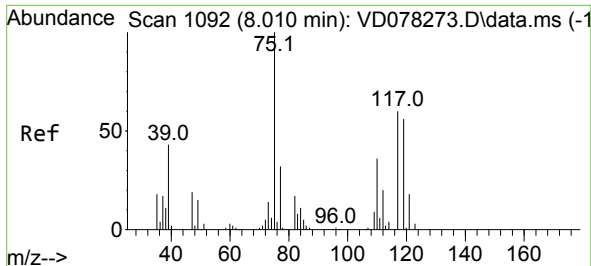
Ion Ratio Lower Upper

113 100

111 99.2 84.7 127.1

192 17.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.612 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

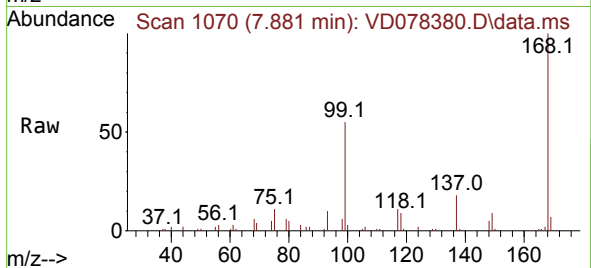
Lab File: VD078380.D

Acq: 08 Feb 2024 20:18

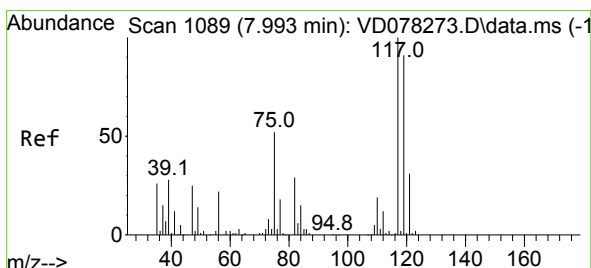
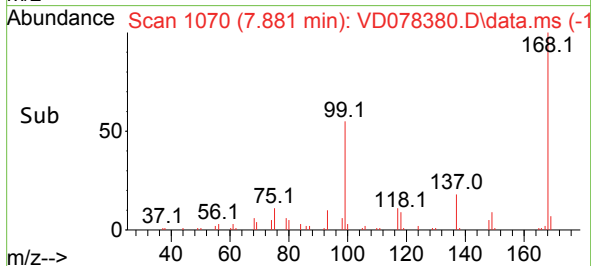
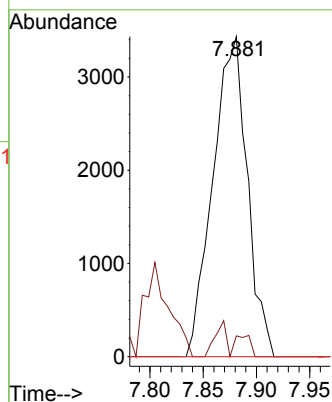
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 7707
Ion Ratio	Lower Upper
75	100
110	3.0 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 3.796 ug/l

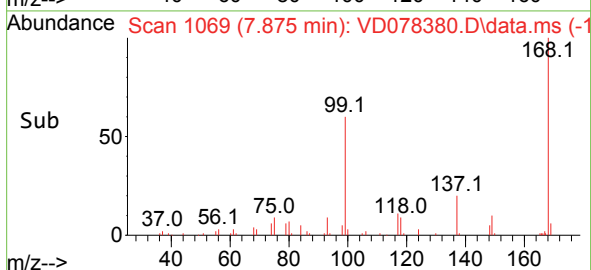
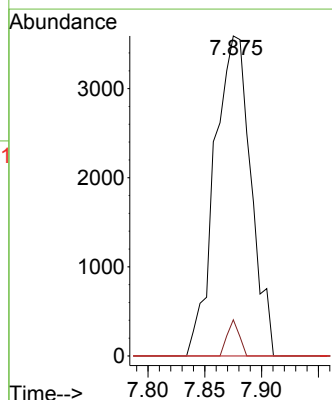
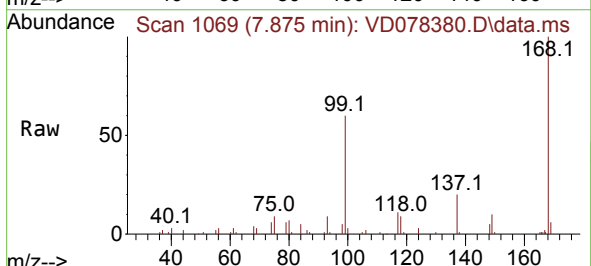
RT: 7.875 min Scan# 1069

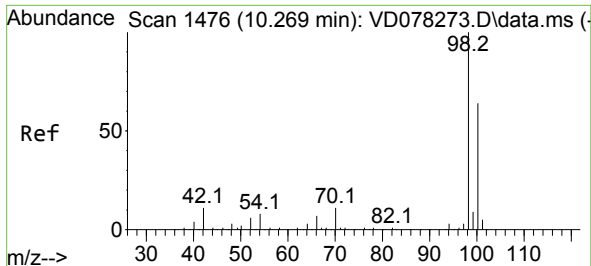
Delta R.T. -0.117 min

Lab File: VD078380.D

Acq: 08 Feb 2024 20:18

Tgt Ion: 117	Resp: 7964
Ion Ratio	Lower Upper
117	100
119	11.3 78.0 117.0#
121	0.0 24.2 36.2#

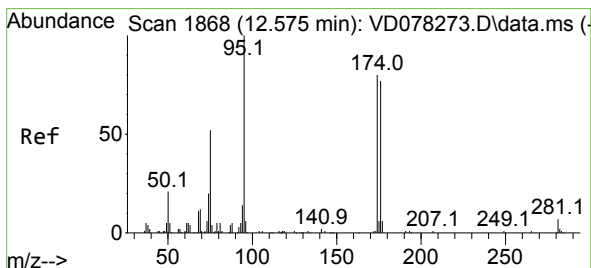
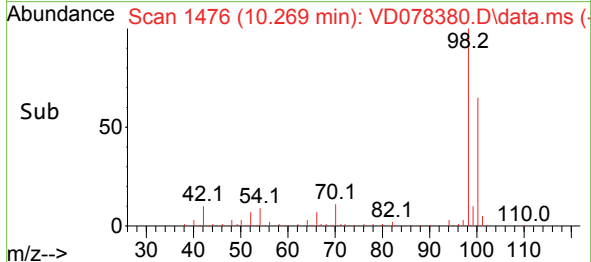
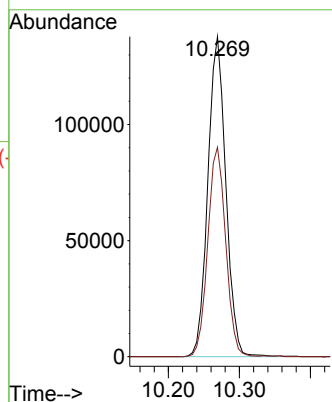
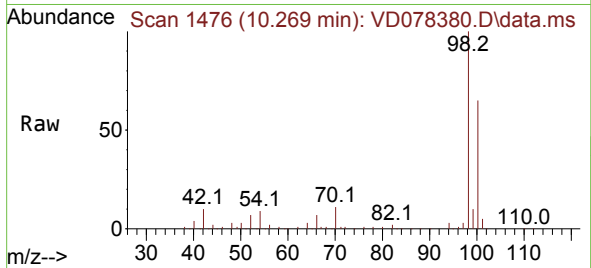




#50
Toluene-d8
Concen: 49.784 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078380.D
Acq: 08 Feb 2024 20:18

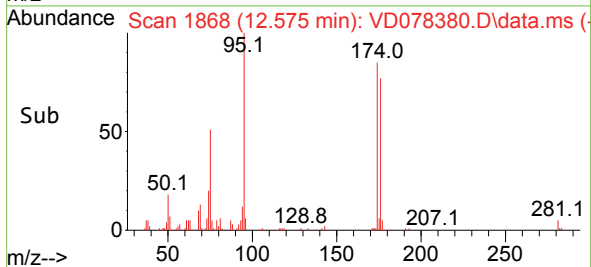
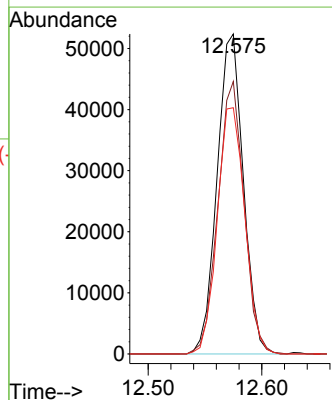
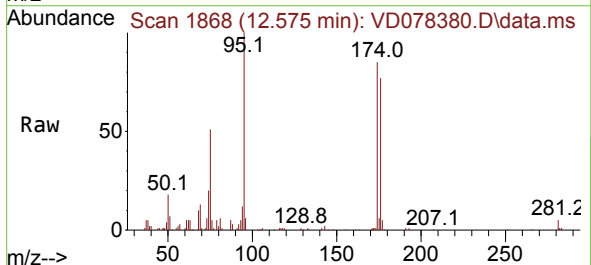
Instrument :
MSVOA_D
ClientSampleId :

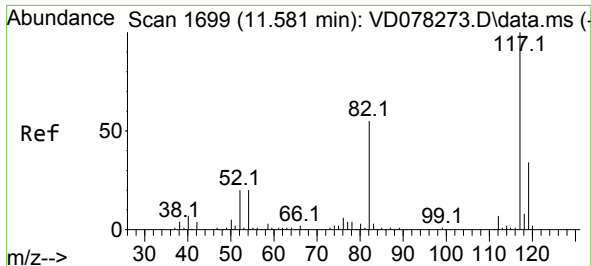
Tgt Ion: 98 Resp: 242534
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.729 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078380.D
Acq: 08 Feb 2024 20:18

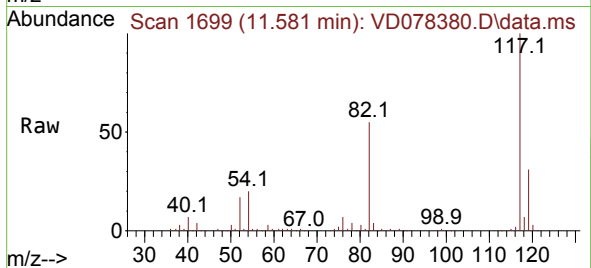
Tgt Ion: 95 Resp: 84224
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 80.6 0.0 191.8



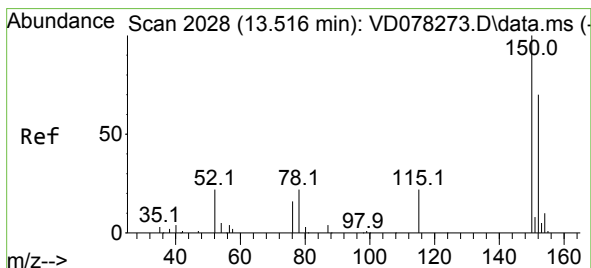
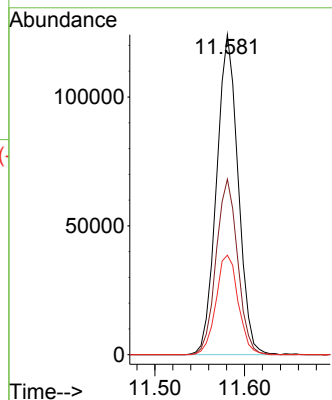
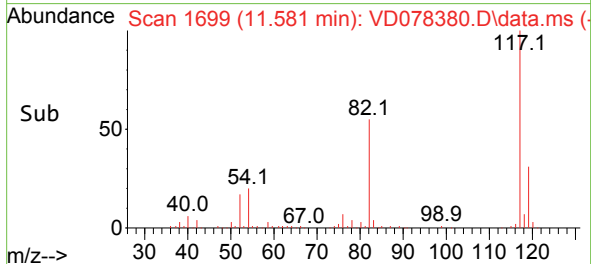


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078380.D
Acq: 08 Feb 2024 20:18

Instrument :
MSVOA_D
ClientSampleId :

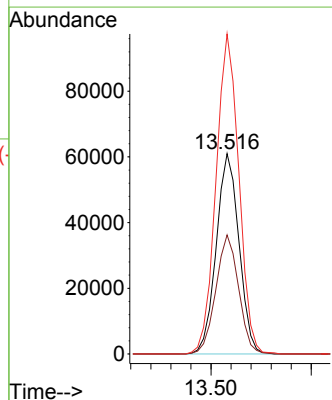
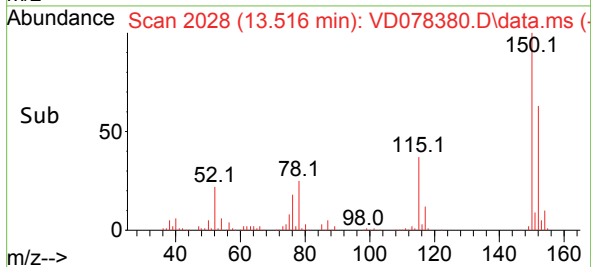
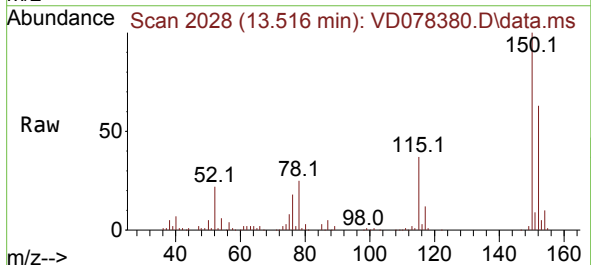


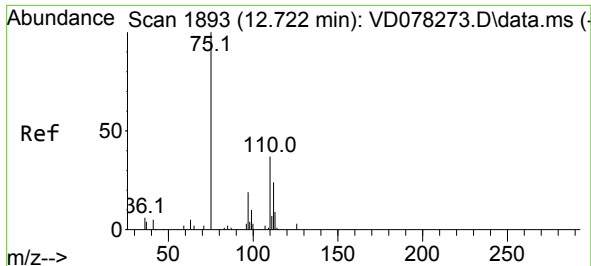
Tgt Ion:117 Resp: 207288
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078380.D
Acq: 08 Feb 2024 20:18

Tgt Ion:152 Resp: 95960
Ion Ratio Lower Upper
152 100
115 59.4 27.1 81.3
150 160.0 0.0 353.6

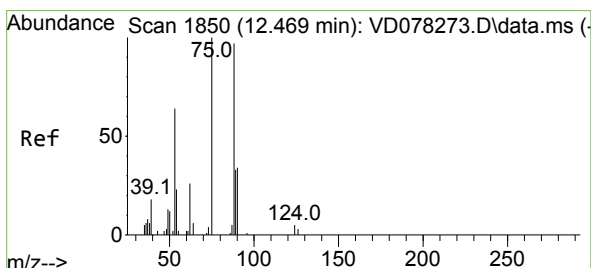
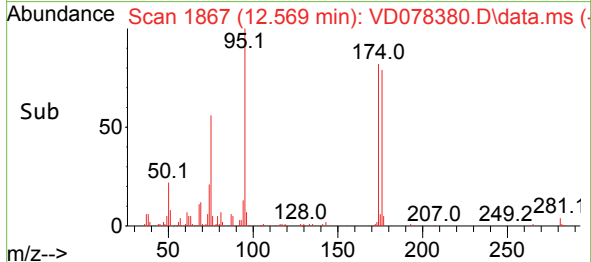
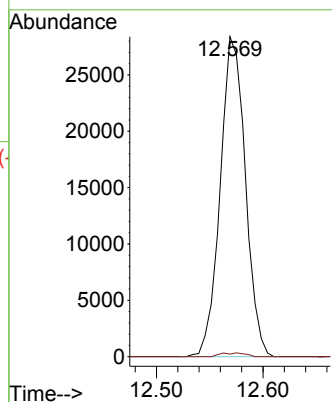
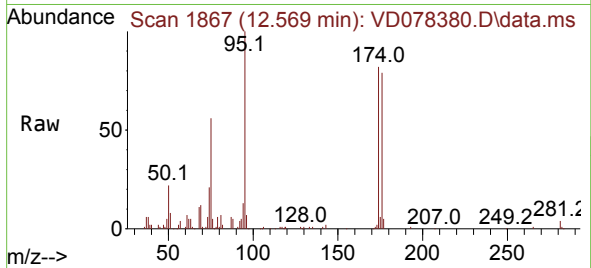




#76
1,2,3-Trichloropropane
Concen: 46.337 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078380.D
Acq: 08 Feb 2024 20:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 46474
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.154 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078380.D
Acq: 08 Feb 2024 20:18

Tgt Ion: 75 Resp: 46474
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

