

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078438.D
 Acq On : 15 Feb 2024 16:18
 Operator : RP/MD
 Sample : P1483-01RE
 Misc : 5.00G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-2327RE

Quant Time: Feb 16 02:37:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

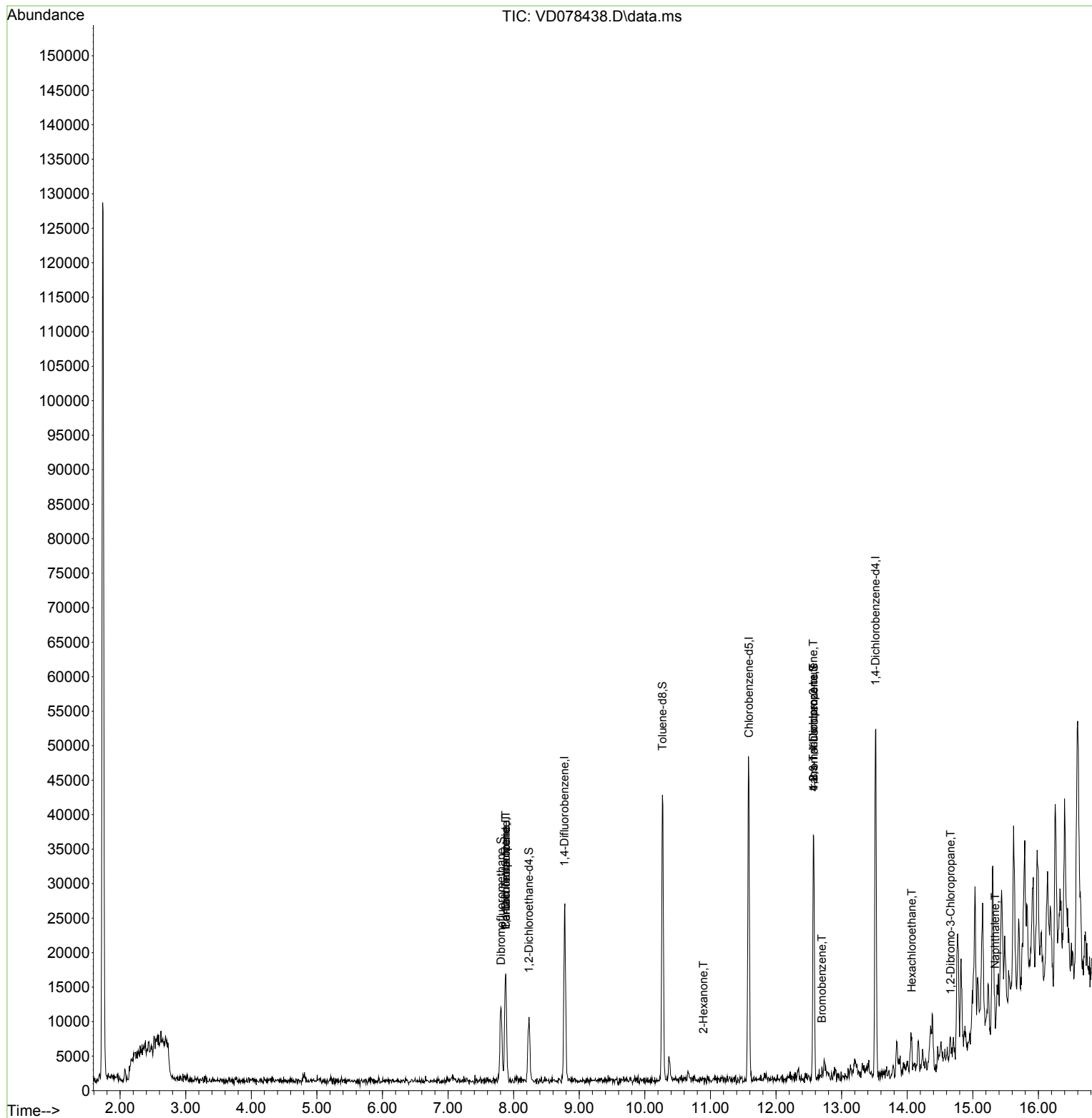
Internal Standards						
1) Pentafluorobenzene	7.881	168	12591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	23490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	27350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	6909	50.749	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.500%			
35) Dibromofluoromethane	7.810	113	7865	52.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.420%			
50) Toluene-d8	10.269	98	29461	49.358	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.575	95	11254	64.791	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 129.580%			
Target Compounds						
16) Acetone	4.004	43	87	Below Cal	#	32
20) Methylene Chloride	4.810	84	225	Below Cal	#	26
25) 2-Butanone	7.004	43	55	Below Cal	#	37
36) 1,1-Dichloropropene	7.881	75	840	3.624	ug/l #	39
38) Carbon Tetrachloride	7.881	117	1091	4.753	ug/l #	11
59) 2-Hexanone	10.892	43	73	1.216	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	5964	50.693	ug/l #	100
77) Bromobenzene	12.698	156	384	1.756	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	5964	105.239	ug/l #	17
90) Hexachloroethane	14.069	117	273	1.543	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.663	75	74	3.062	ug/l #	1
95) Naphthalene	15.339	128	1121	2.624	ug/l #	69

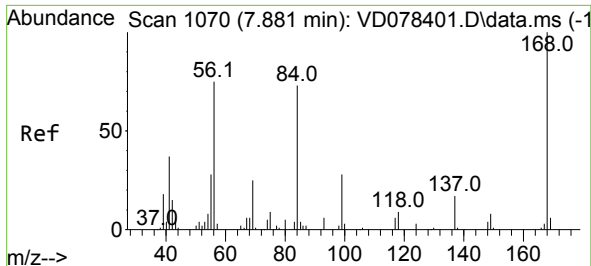
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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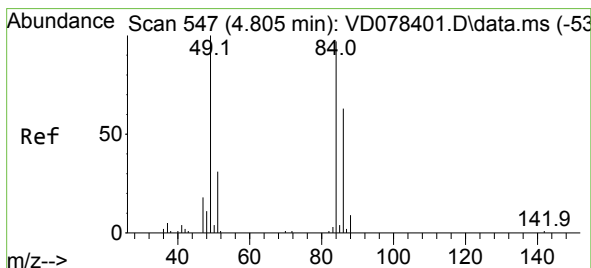
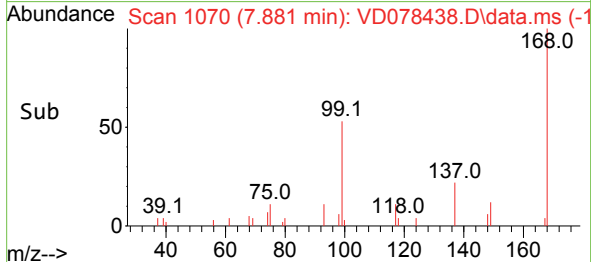
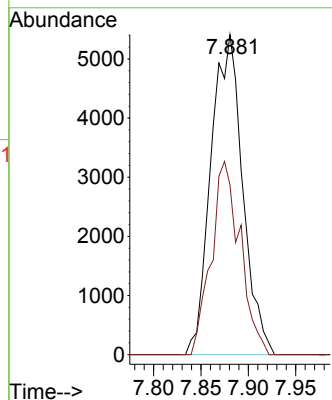
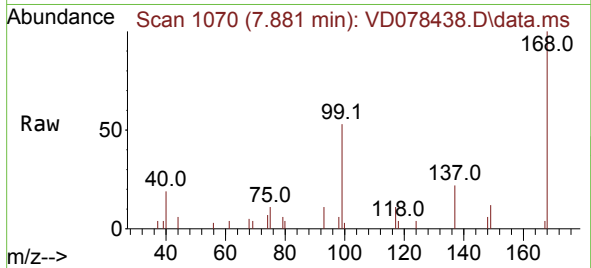




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

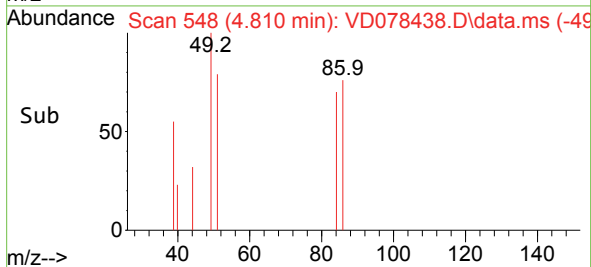
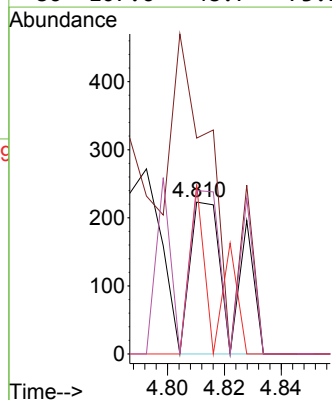
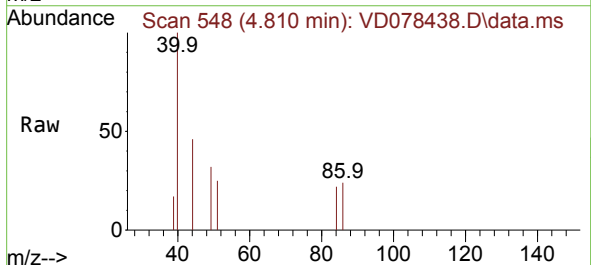
Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE

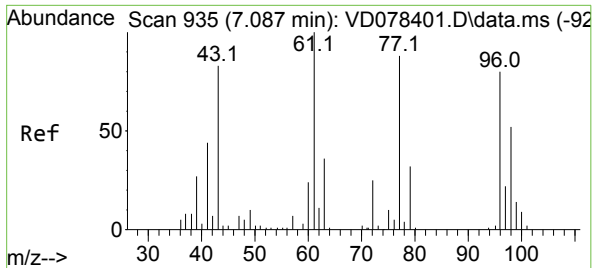
Tgt Ion:168 Resp: 12591
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 142.2 71.4 107.2#
51 111.7 24.5 36.7#
86 107.6 48.7 73.1#

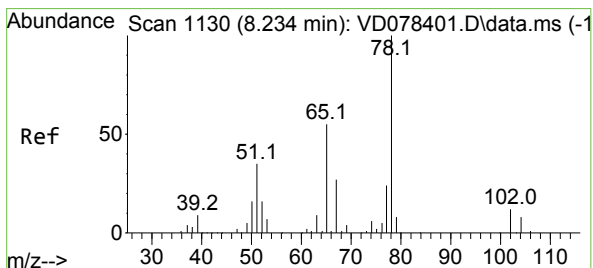
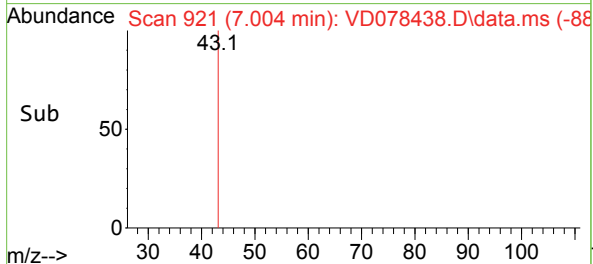
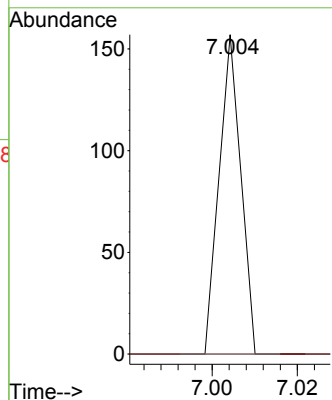
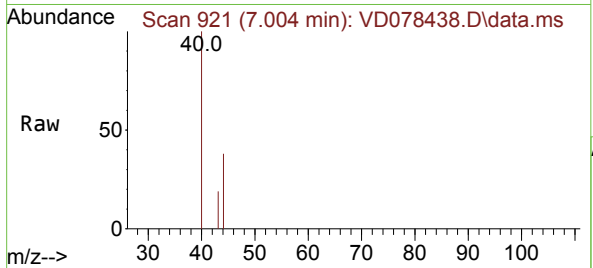




#25
2-Butanone
Concen: Below Cal
RT: 7.004 min Scan# 91
Delta R.T. -0.083 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

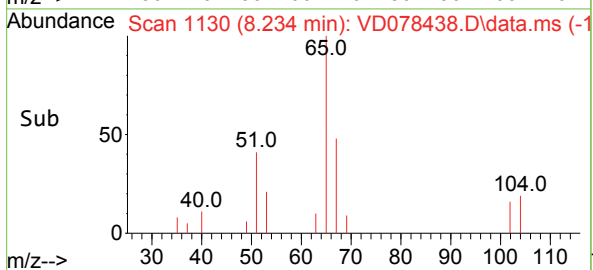
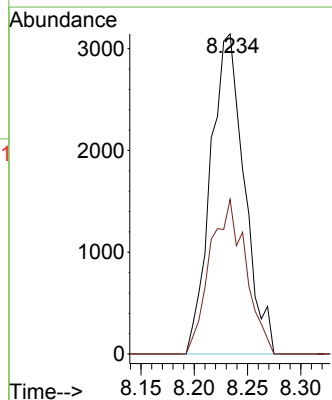
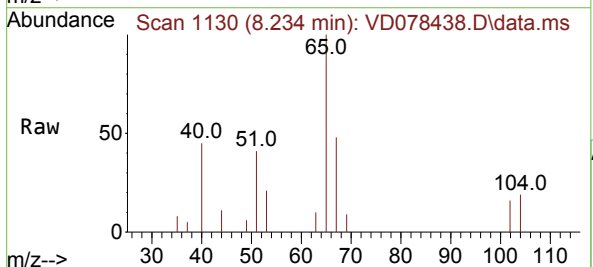
Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE

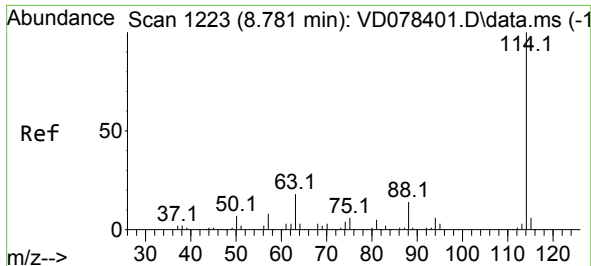
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 50.749 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Tgt Ion: 65 Resp: 6909
Ion Ratio Lower Upper
65 100
67 51.3 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: VD078438.D

Acq: 15 Feb 2024 16:18

Instrument :

MSVOA_D

ClientSampleId :

RT-2327RE

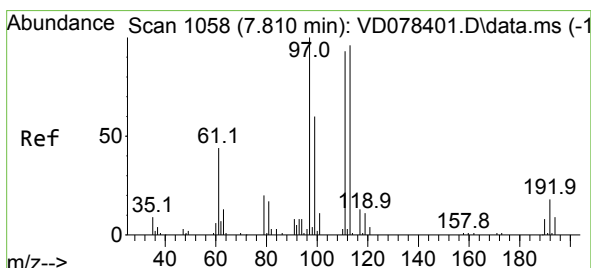
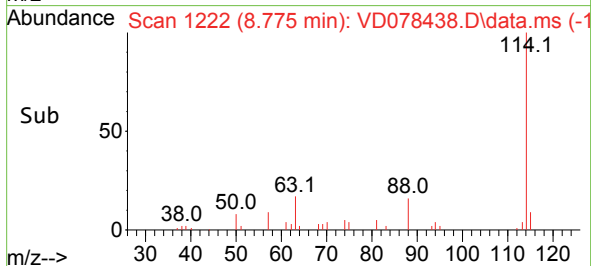
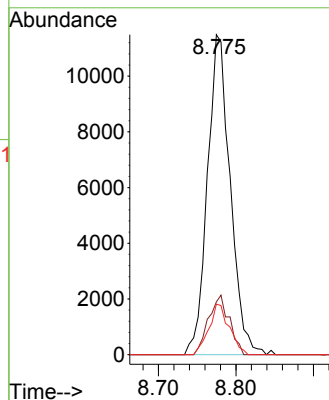
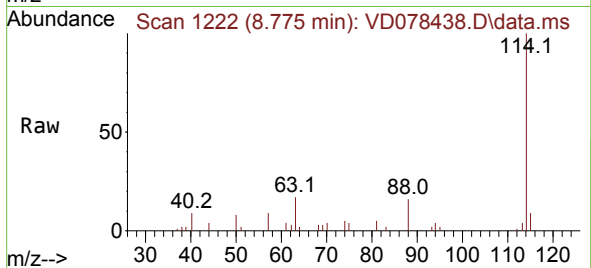
Tgt Ion:114 Resp: 23490

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 15.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.710 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078438.D

Acq: 15 Feb 2024 16:18

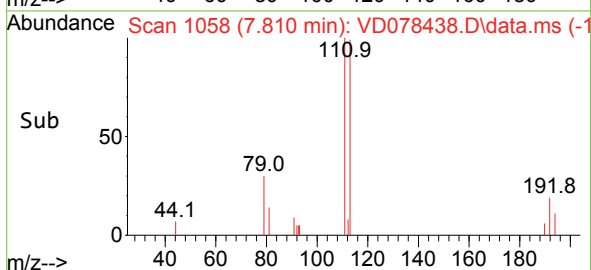
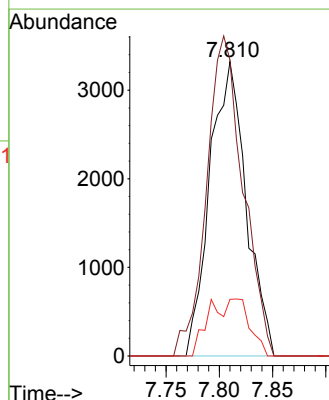
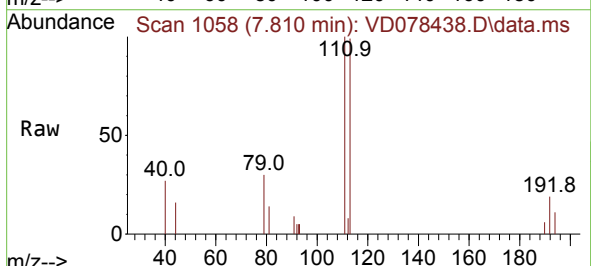
Tgt Ion:113 Resp: 7865

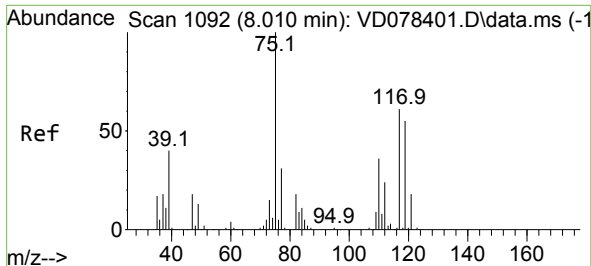
Ion Ratio Lower Upper

113 100

111 109.4 84.7 127.1

192 21.5 16.8 25.2

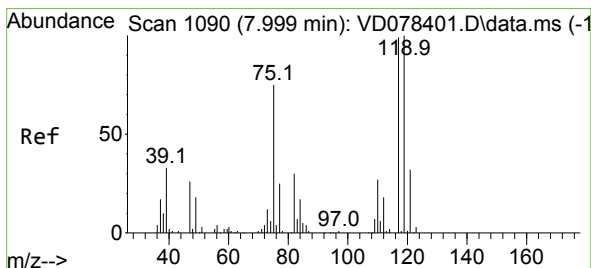
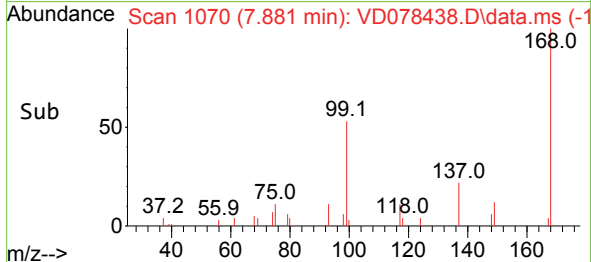
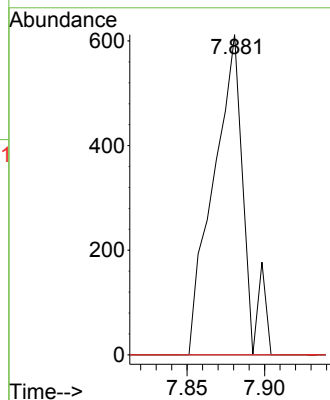
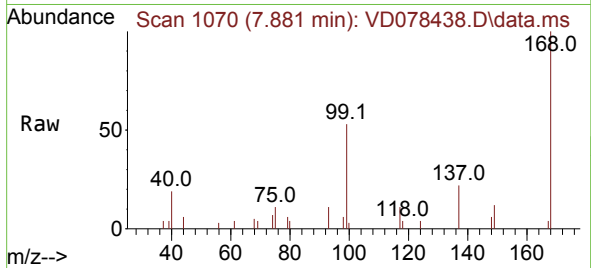




#36
1,1-Dichloropropene
Concen: 3.624 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

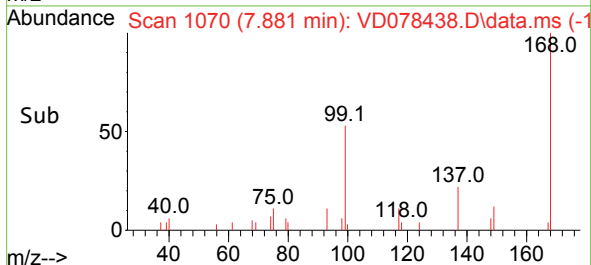
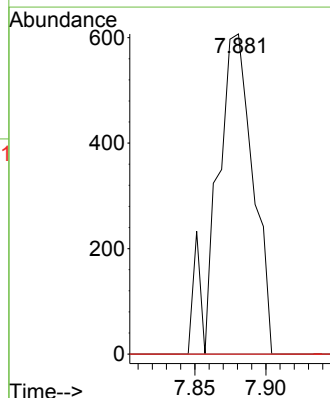
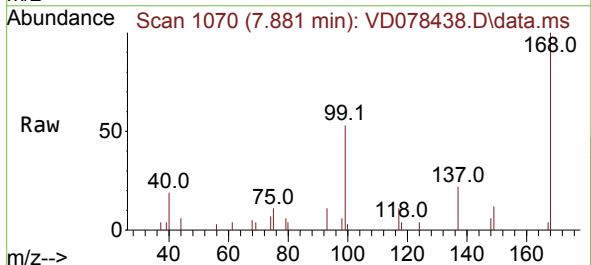
Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE

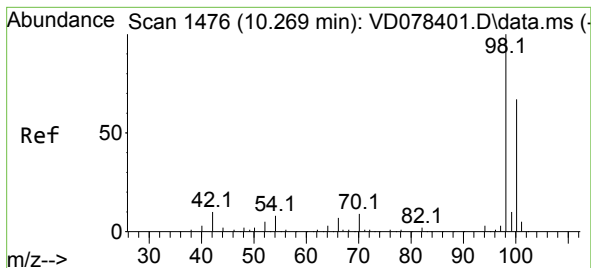
Tgt Ion: 75 Resp: 840
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.753 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.118 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Tgt Ion: 117 Resp: 1091
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.358 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078438.D

Acq: 15 Feb 2024 16:18

Instrument :

MSVOA_D

ClientSampleId :

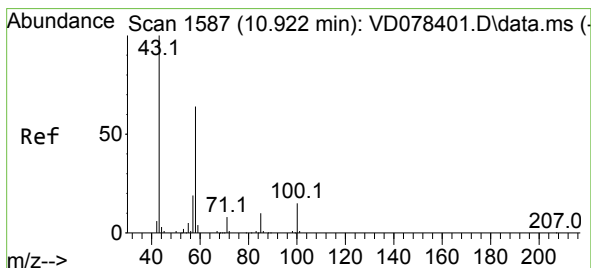
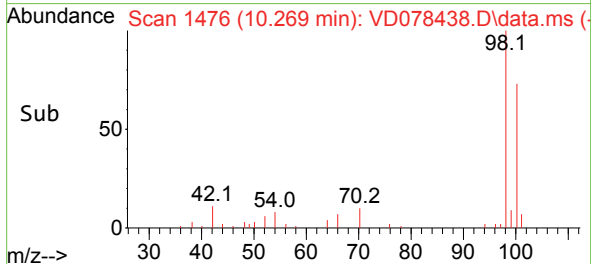
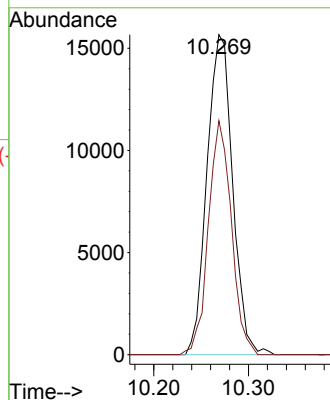
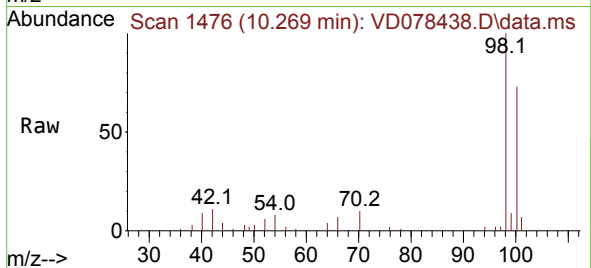
RT-2327RE

Tgt Ion: 98 Resp: 29461

Ion Ratio Lower Upper

98 100

100 65.6 50.3 75.5



#59

2-Hexanone

Concen: 1.216 ug/l

RT: 10.892 min Scan# 1582

Delta R.T. -0.030 min

Lab File: VD078438.D

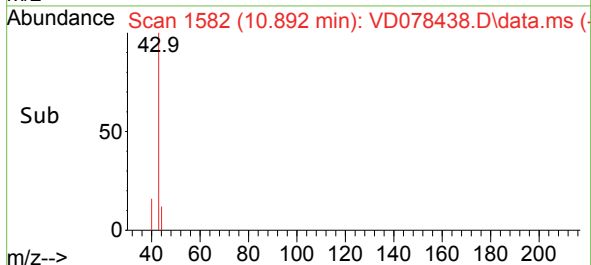
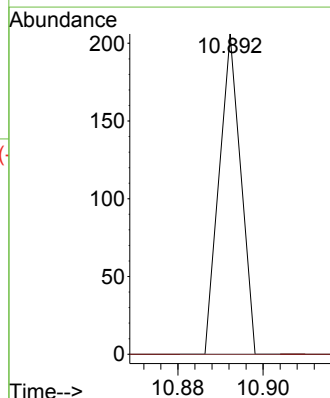
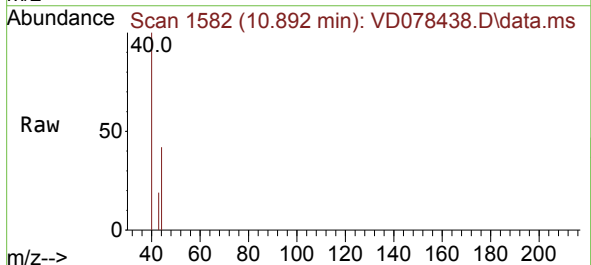
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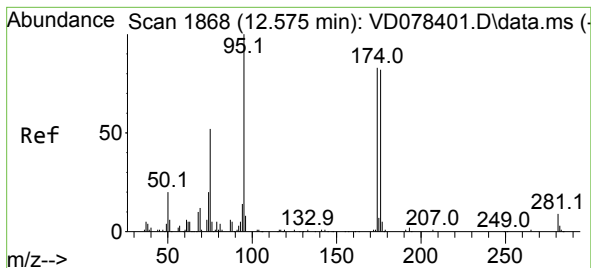
Tgt Ion: 43 Resp: 73

Ion Ratio Lower Upper

43 100

58 0.0 34.1 102.2#

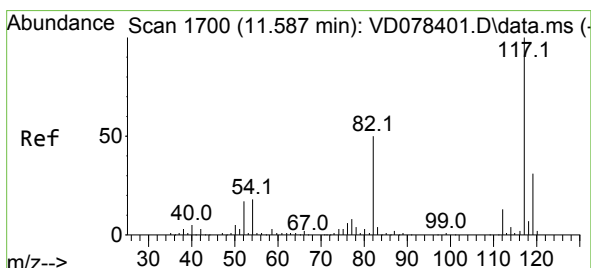
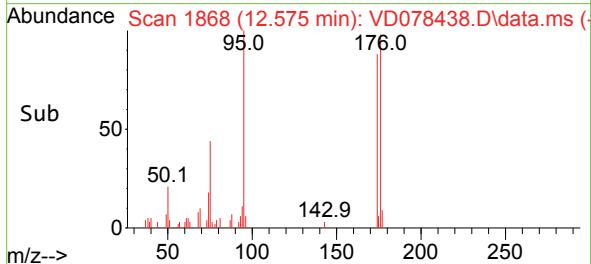
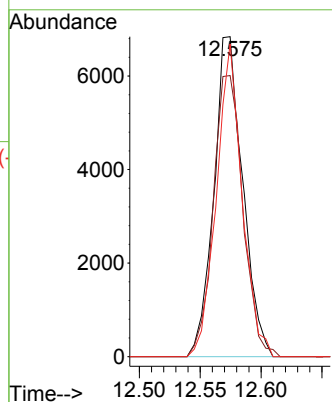
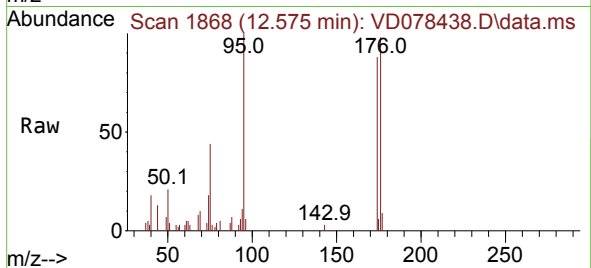




#62
4-Bromofluorobenzene
Concen: 64.791 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

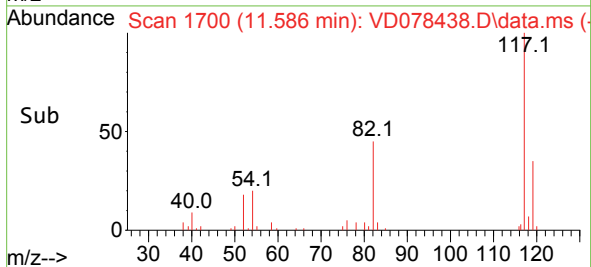
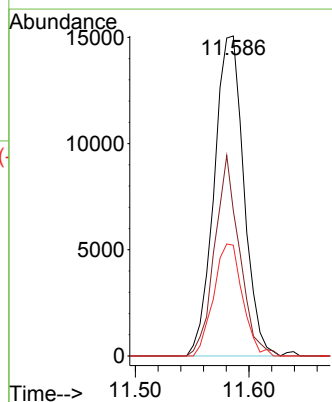
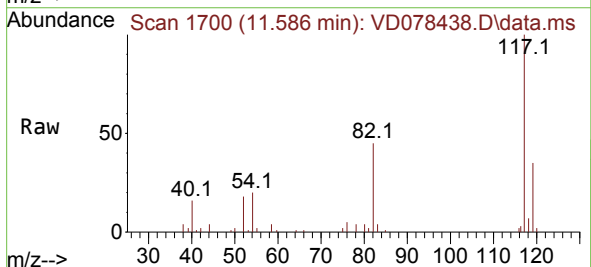
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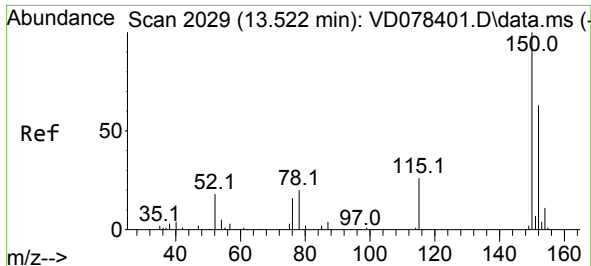
Tgt Ion:	95	Resp:	11254
Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	201.8
176	87.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Tgt Ion:	117	Resp:	27350
Ion	Ratio	Lower	Upper
117	100		
82	45.4	38.3	57.5
119	34.6	25.0	37.4

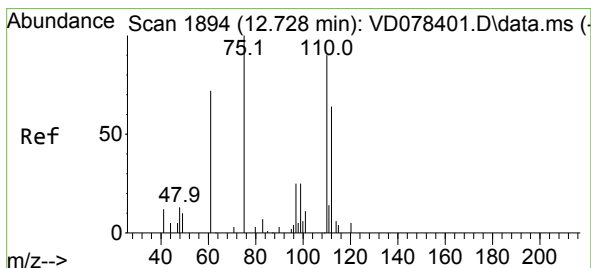
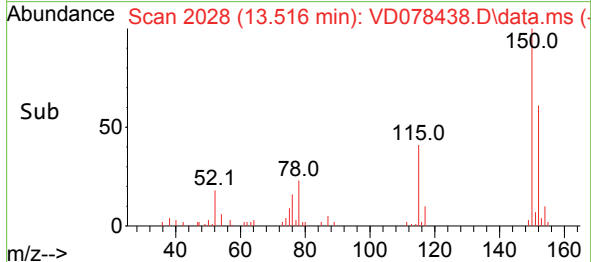
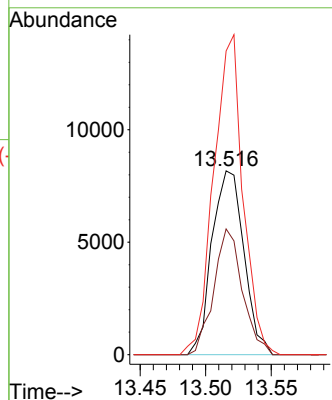
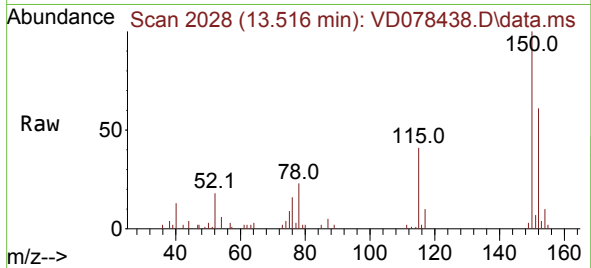




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

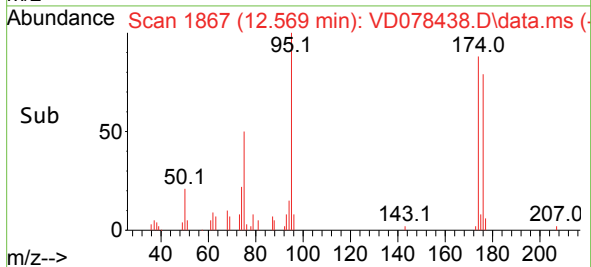
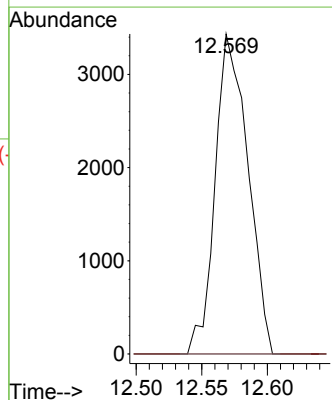
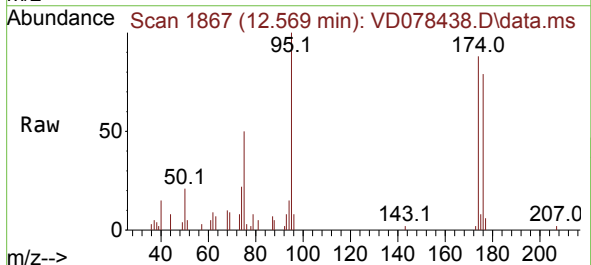
Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE

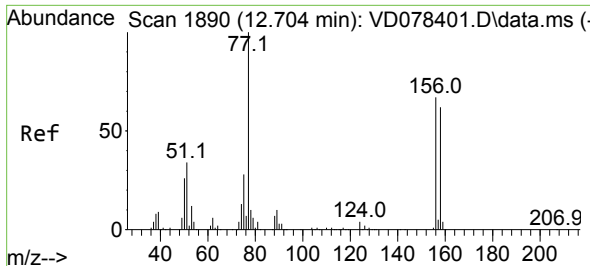
Tgt Ion:152 Resp: 13858
Ion Ratio Lower Upper
152 100
115 61.3 27.1 81.3
150 159.0 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 50.693 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

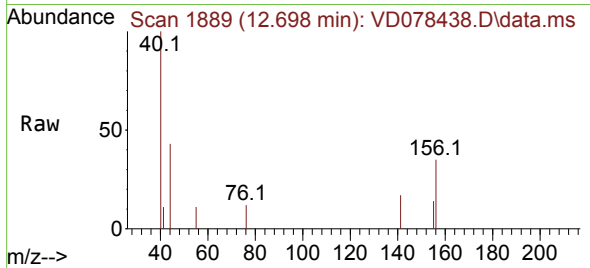
Tgt Ion: 75 Resp: 5964
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



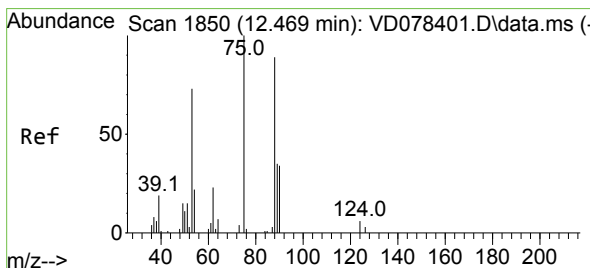
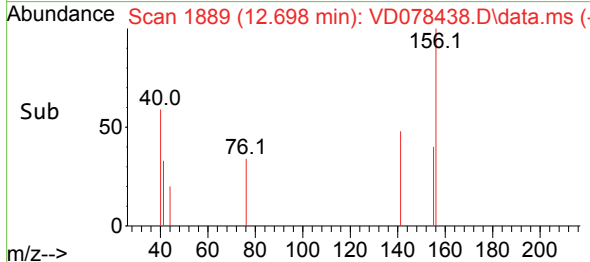
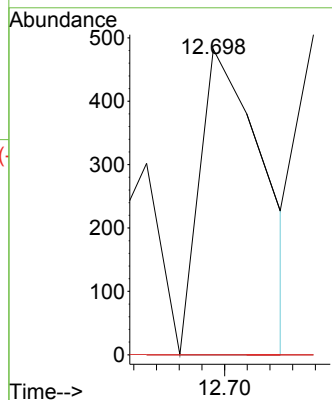


#77
Bromobenzene
Concen: 1.756 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE

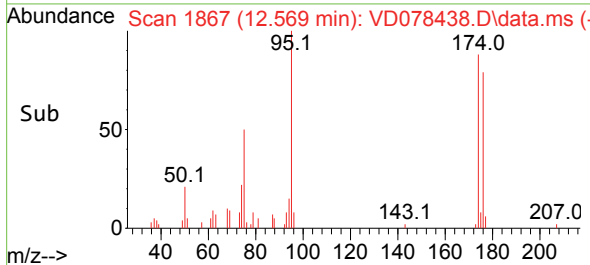
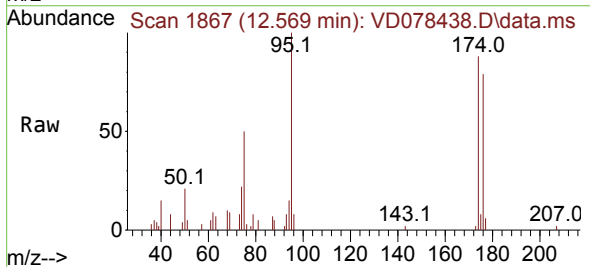
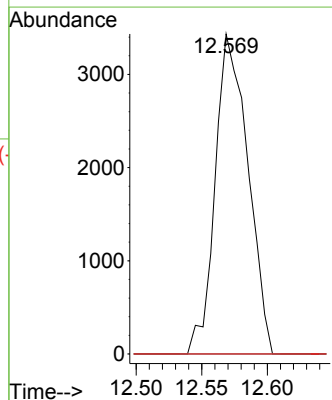


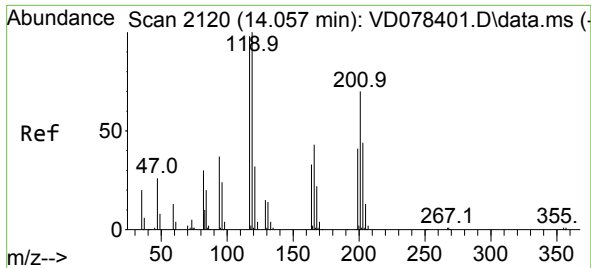
Tgt Ion:156 Resp: 384
Ion Ratio Lower Upper
156 100
77 0.0 76.8 230.4#
158 0.0 48.6 145.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.239 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Tgt Ion: 75 Resp: 5964
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

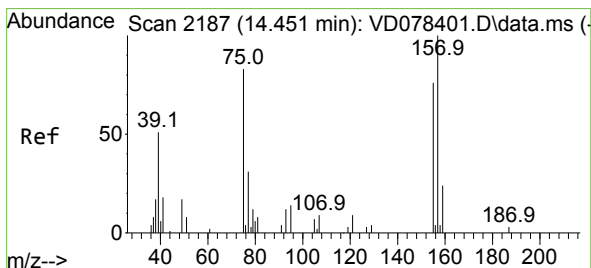
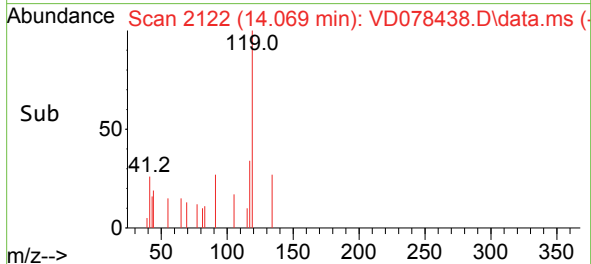
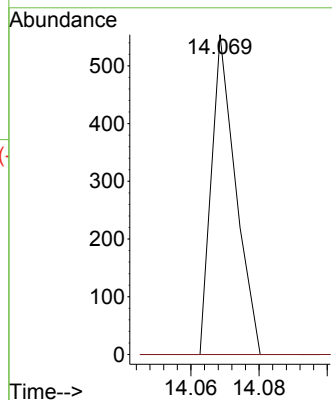
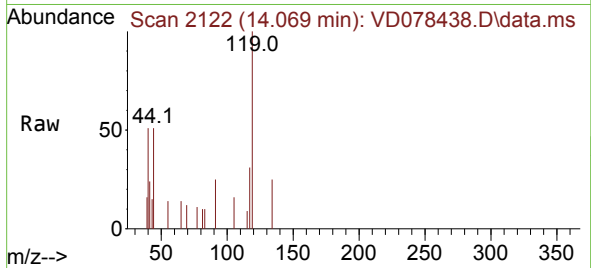




#90
Hexachloroethane
Concen: 1.543 ug/l
RT: 14.069 min Scan# 2120
Delta R.T. 0.011 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

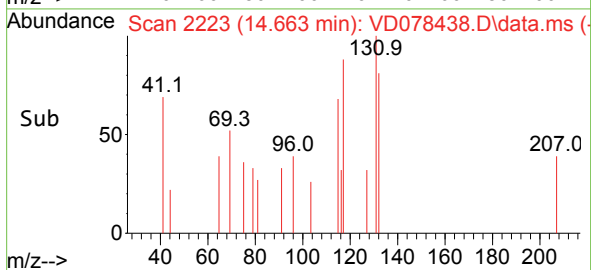
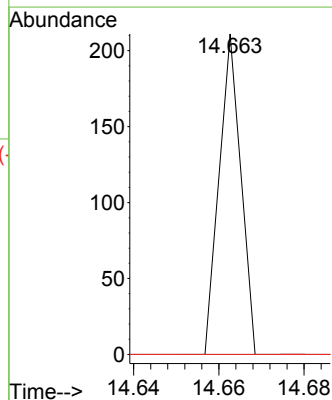
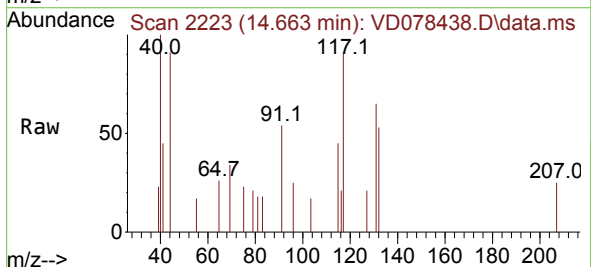
Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE

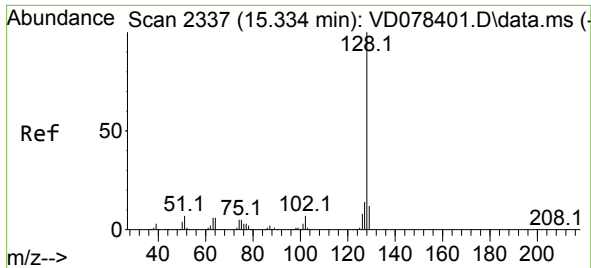
Tgt Ion:117 Resp: 273
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.062 ug/l
RT: 14.663 min Scan# 2223
Delta R.T. 0.211 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

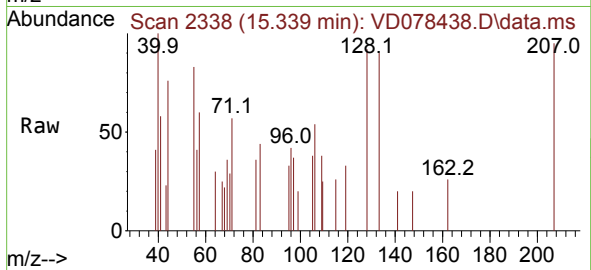
Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
155 0.0 47.9 143.8#
157 0.0 59.9 179.7#





#95
Naphthalene
Concen: 2.624 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE



Tgt Ion:128 Resp: 1121
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

