

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075325.D
 Acq On : 13 Feb 2023 13:58
 Operator : KP/SY
 Sample : 01529-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Feb 14 01:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

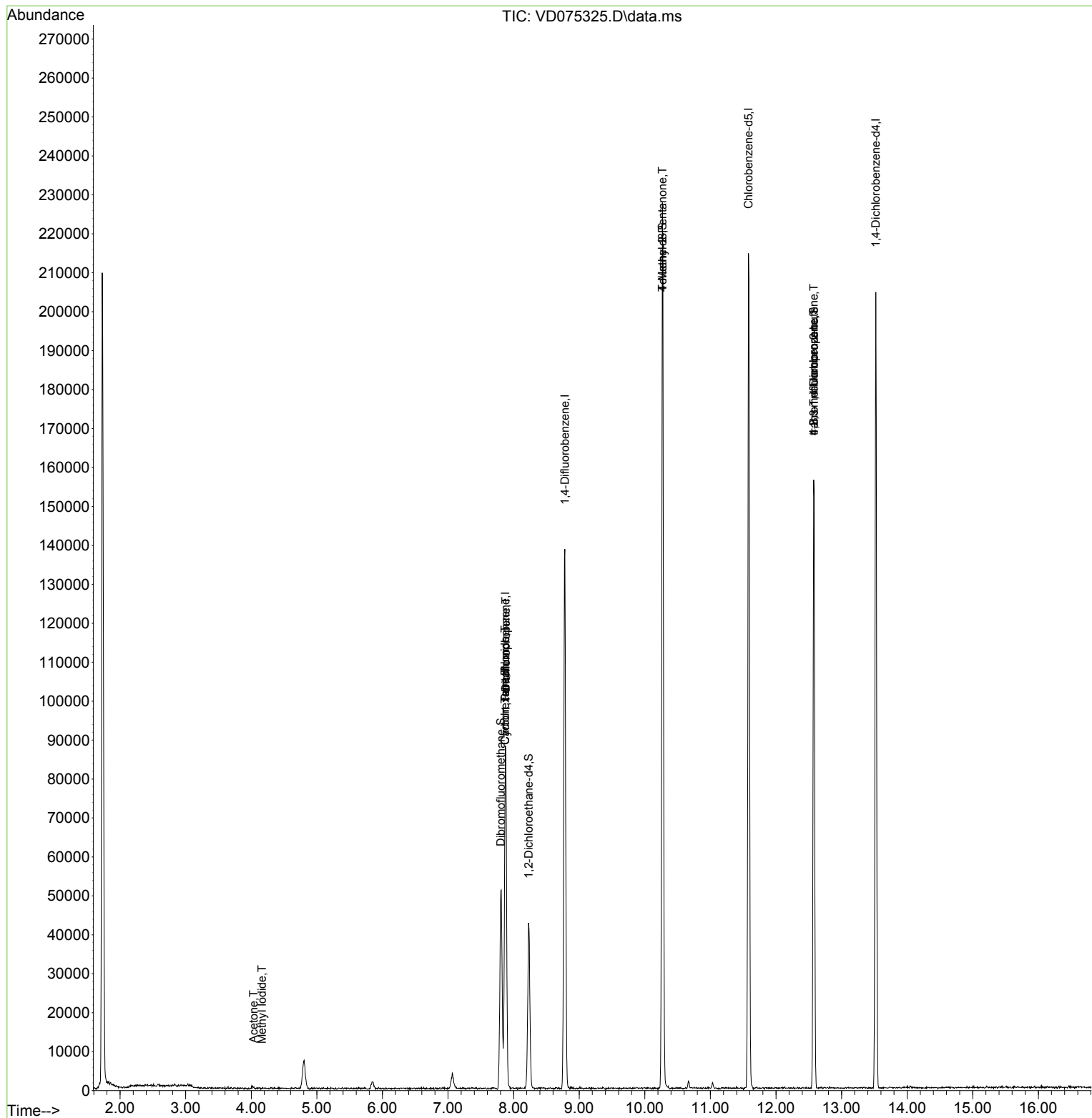
Internal Standards						
1) Pentafluorobenzene	7.875	168	66468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	115438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	118184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	50346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33249	42.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.320%
35) Dibromofluoromethane	7.805	113	36904	45.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.269	98	147312	47.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.575	95	48441	47.857	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.720%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	58	2.624	ug/l #	42
16) Acetone	4.034	43	537	2.606	ug/l #	42
18) Methyl Acetate	4.293	43	53	Below Cal	#	52
31) Cyclohexane	7.869	56	1614	1.166	ug/l #	47
36) 1,1-Dichloropropene	7.881	75	5731	4.545	ug/l #	46
38) Carbon Tetrachloride	7.869	117	6755	5.781	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	783	1.474	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	26157	45.740	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	26157	144.348	ug/l #	14

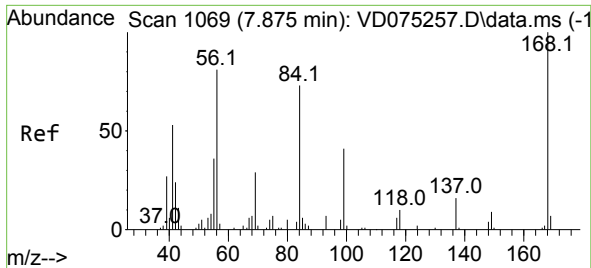
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-01-0-2.0

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Quant Title : SW846 8260
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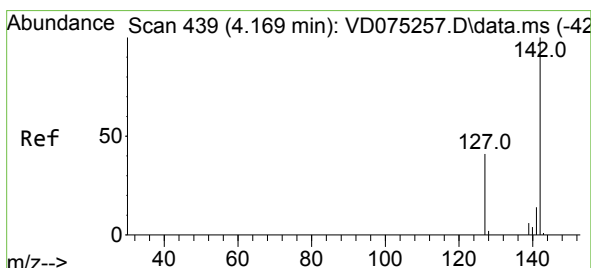
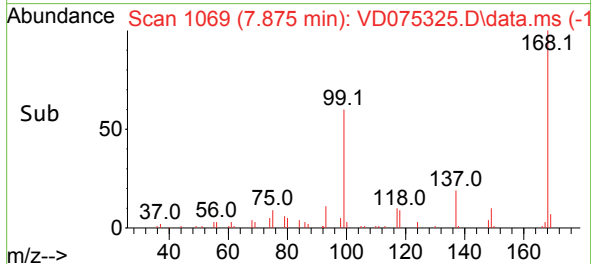
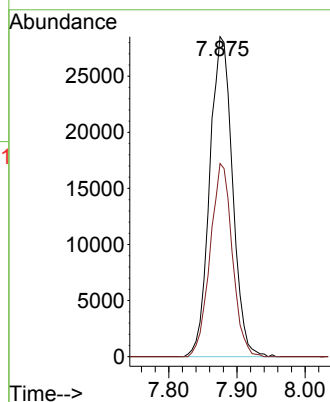
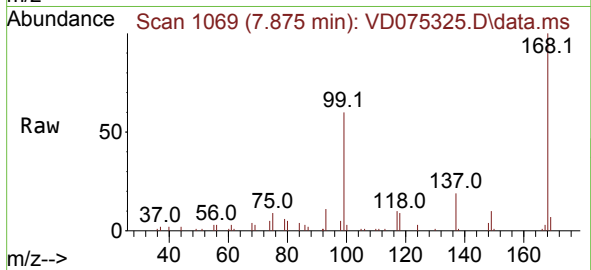




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

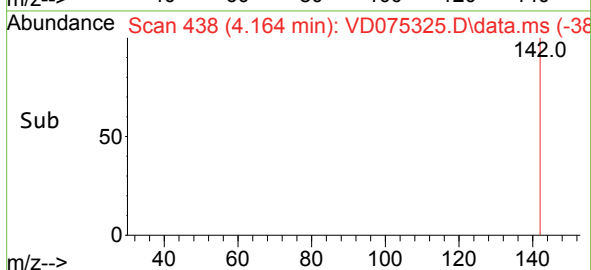
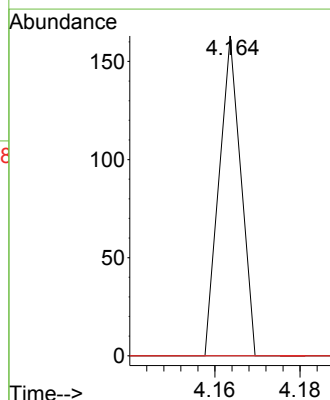
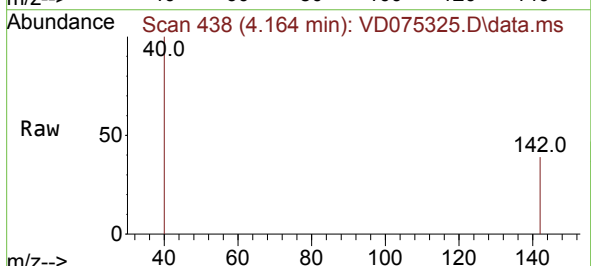
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

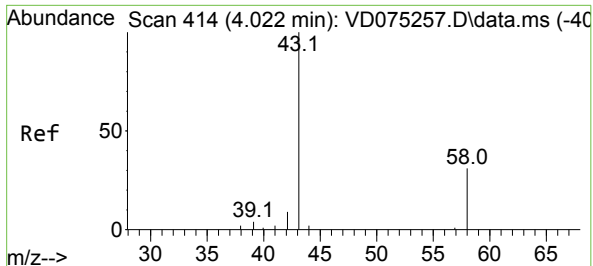
Tgt Ion:168 Resp: 66468
Ion Ratio Lower Upper
168 100
99 60.3 45.2 67.8



#10
Methyl Iodide
Concen: 2.624 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 33.6 50.4#
141 0.0 11.1 16.7#





#16

Acetone

Concen: 2.606 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075325.D

Acq: 13 Feb 2023 13:58

Instrument :

MSVOA_D

ClientSampleId :

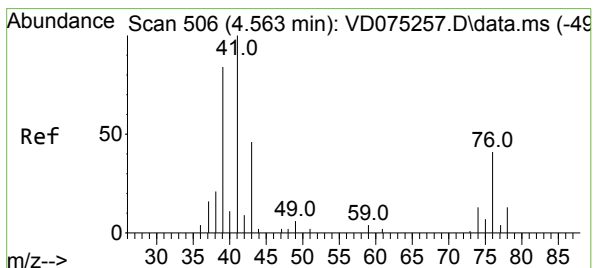
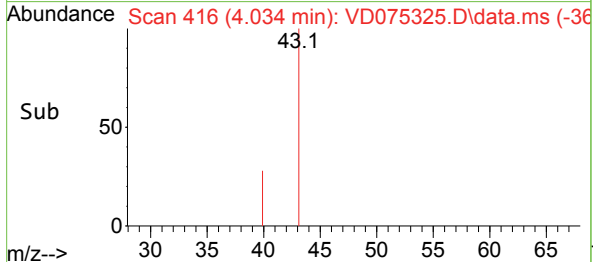
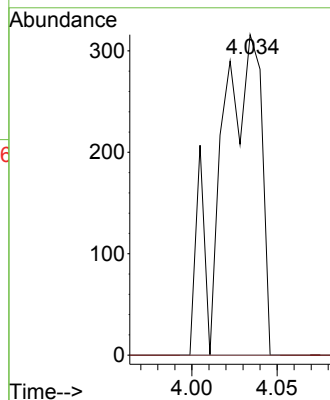
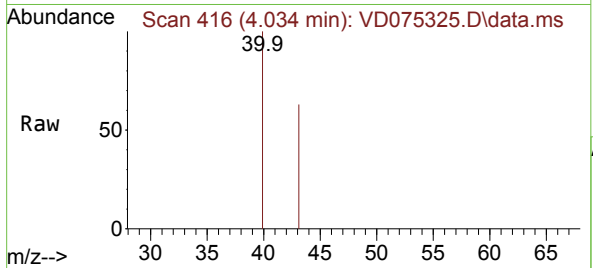
SB-01-0-2.0

Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.293 min Scan# 460

Delta R.T. -0.270 min

Lab File: VD075325.D

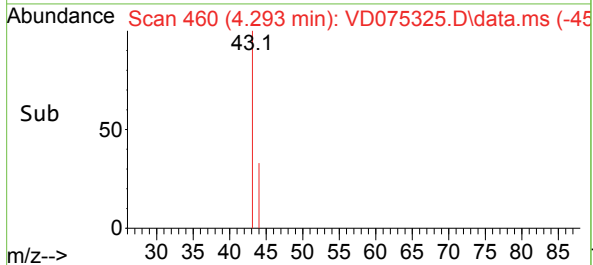
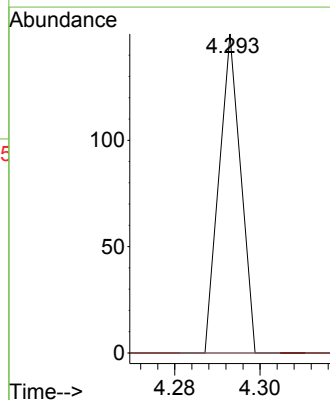
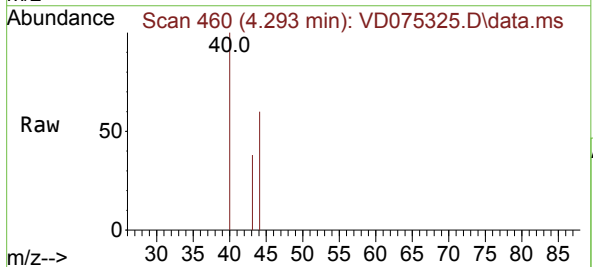
Acq: 13 Feb 2023 13:58

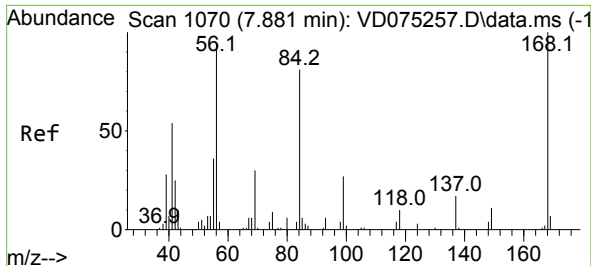
Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

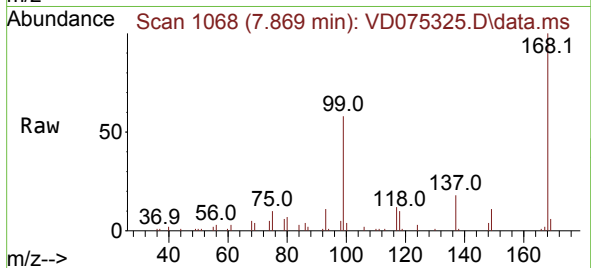
74 0.0 18.5 27.7#



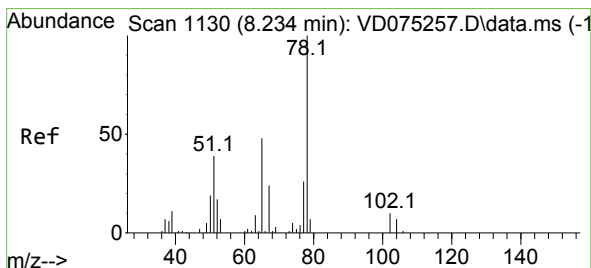
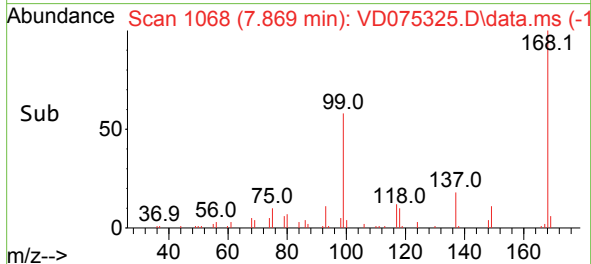
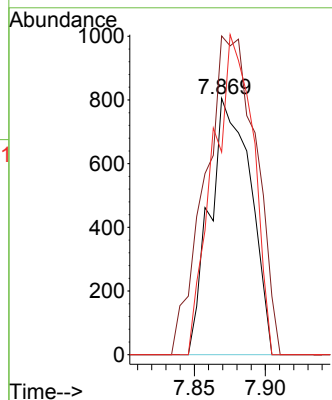


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

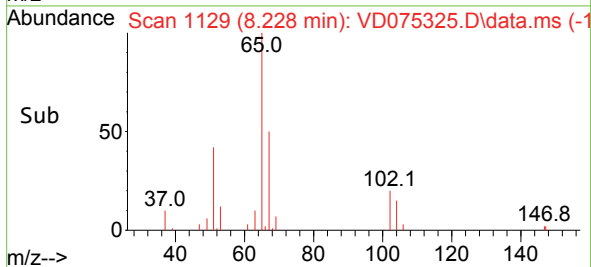
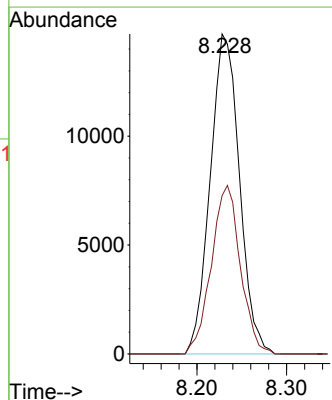
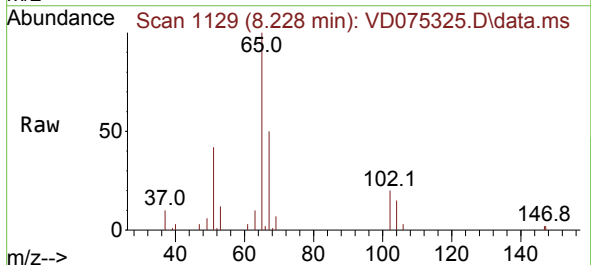


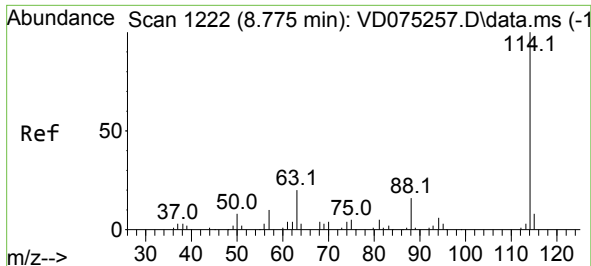
Tgt Ion: 56 Resp: 1614
Ion Ratio Lower Upper
56 100
69 124.3 26.6 40.0#
84 79.0 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 42.660 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Tgt Ion: 65 Resp: 33249
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075325.D

Acq: 13 Feb 2023 13:58

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0

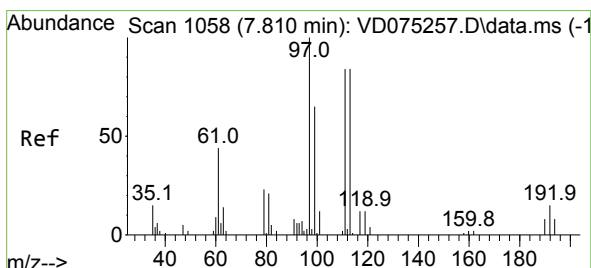
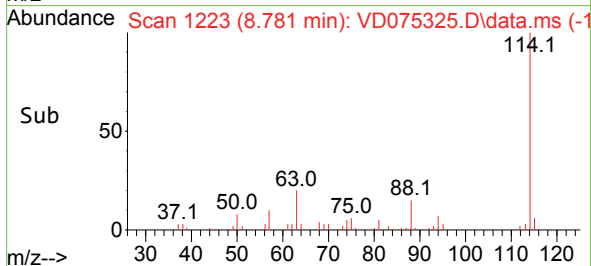
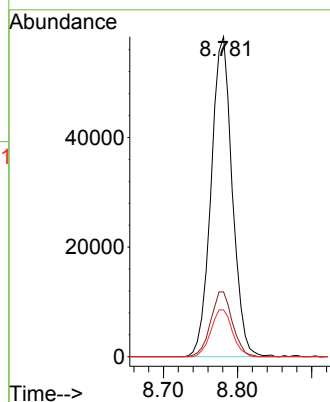
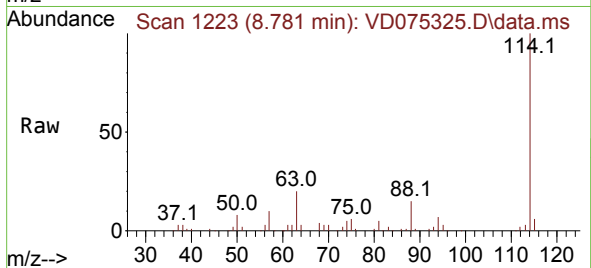
Tgt Ion:114 Resp: 115438

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.592 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075325.D

Acq: 13 Feb 2023 13:58

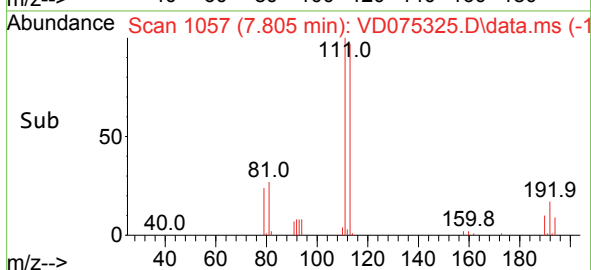
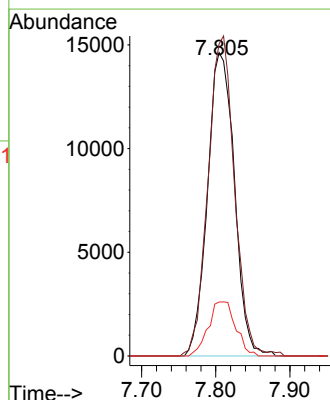
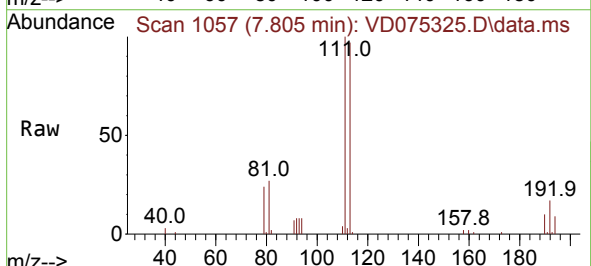
Tgt Ion:113 Resp: 36904

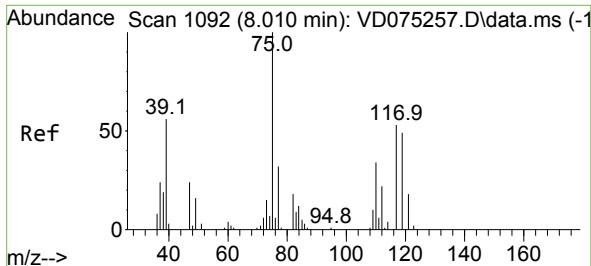
Ion Ratio Lower Upper

113 100

111 103.8 80.1 120.1

192 18.1 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.545 ug/l

RT: 7.881 min Scan# 1068

Delta R.T. -0.129 min

Lab File: VD075325.D

Acq: 13 Feb 2023 13:58

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0

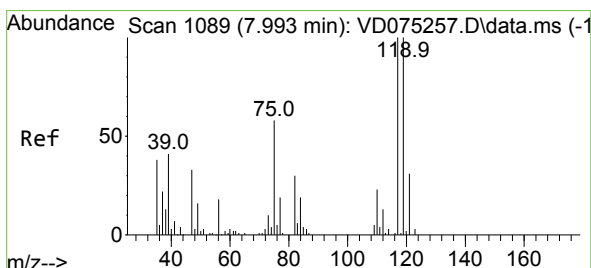
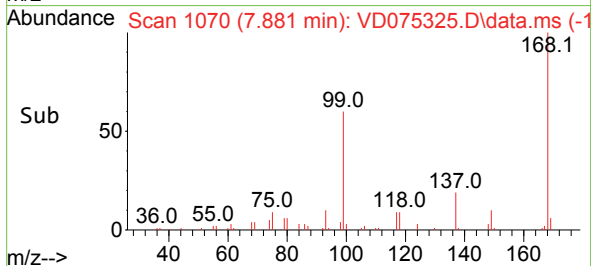
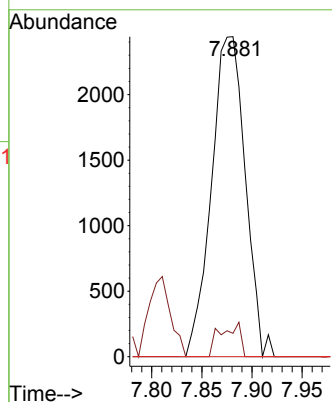
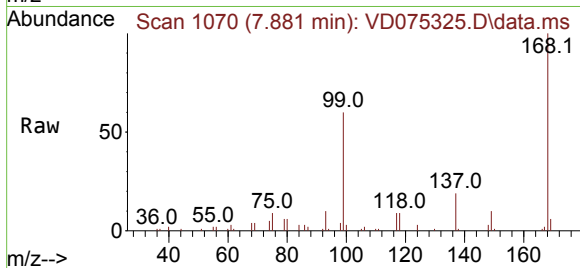
Tgt Ion: 75 Resp: 5731

Ion Ratio Lower Upper

75 100

110 6.3 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD075325.D

Acq: 13 Feb 2023 13:58

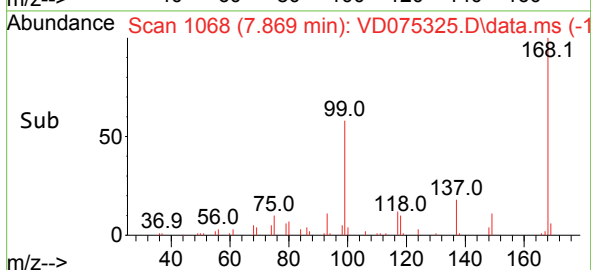
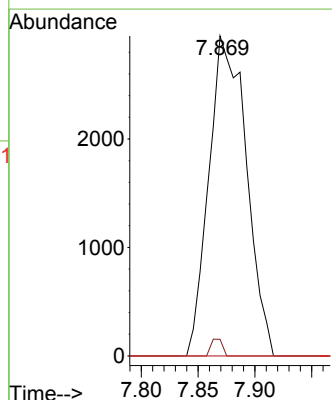
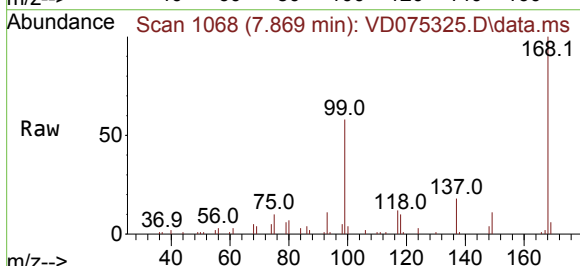
Tgt Ion: 117 Resp: 6755

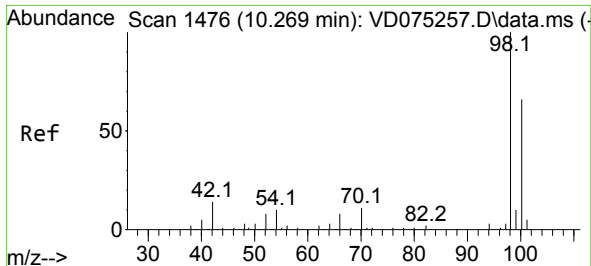
Ion Ratio Lower Upper

117 100

119 5.2 73.6 110.4#

121 0.0 25.4 38.0#

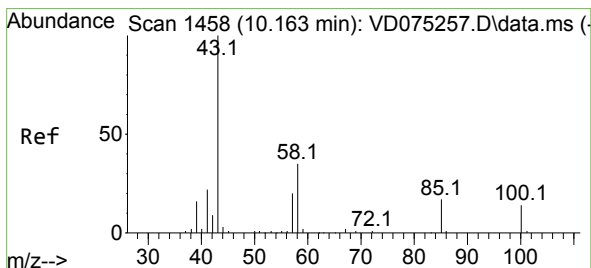
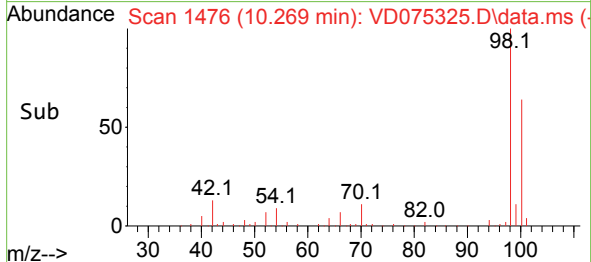
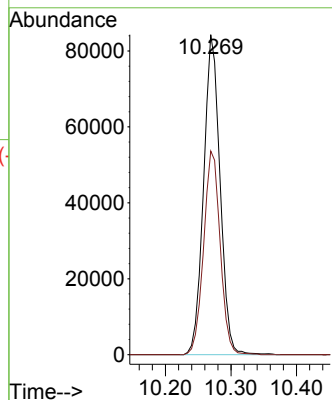
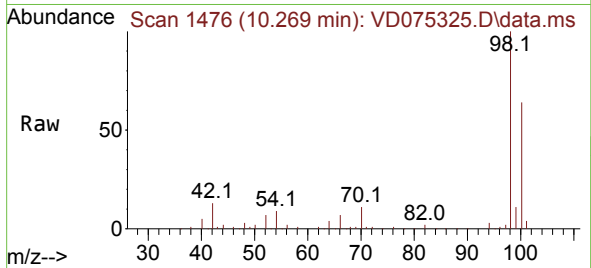




#50
Toluene-d8
Concen: 47.989 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

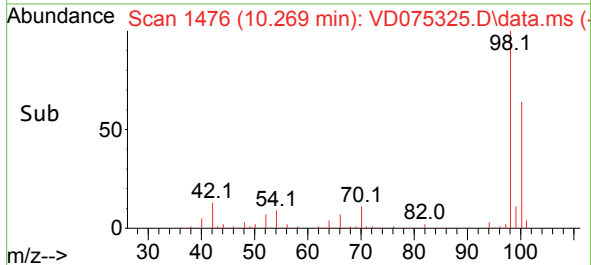
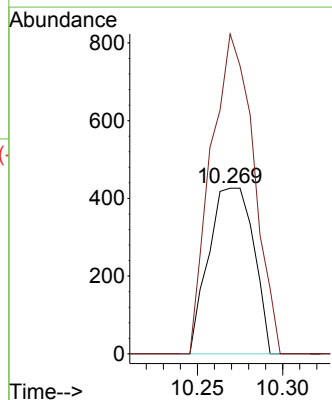
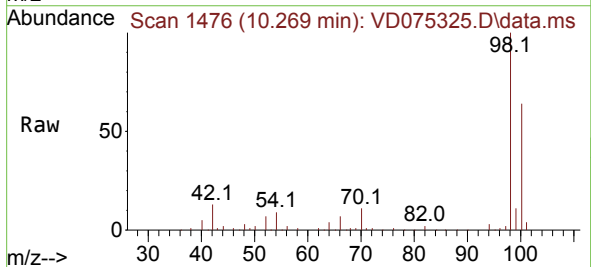
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

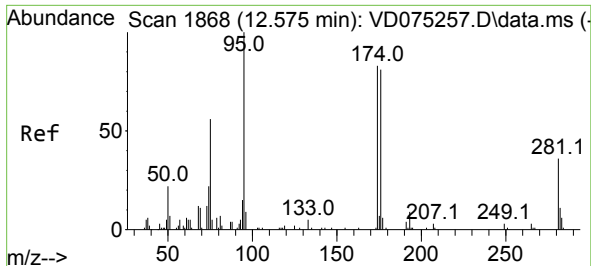
Tgt Ion: 98 Resp: 147312
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.474 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 183.1 31.4 47.0#

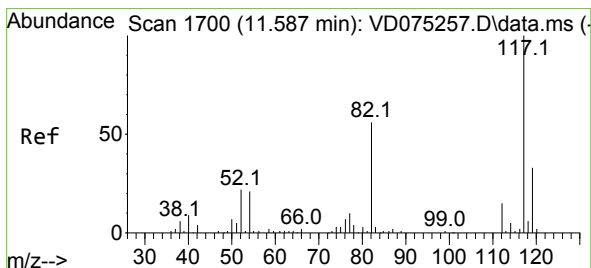
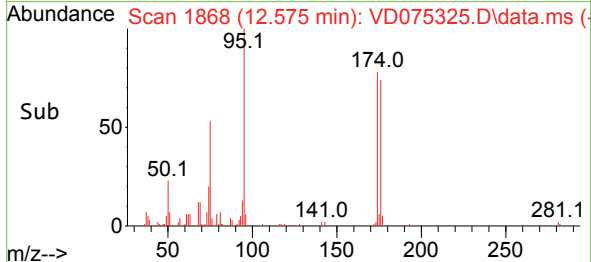
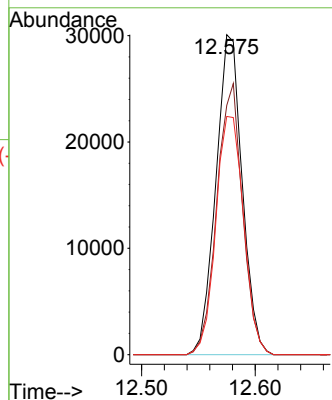
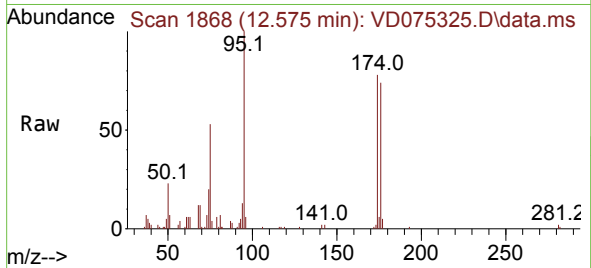




#62
4-Bromofluorobenzene
Concen: 47.857 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

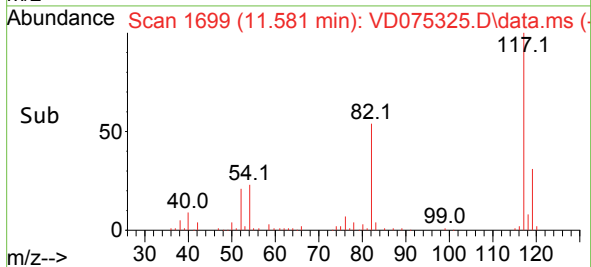
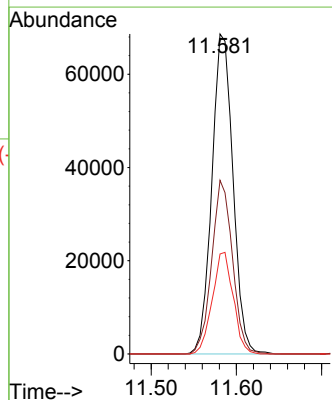
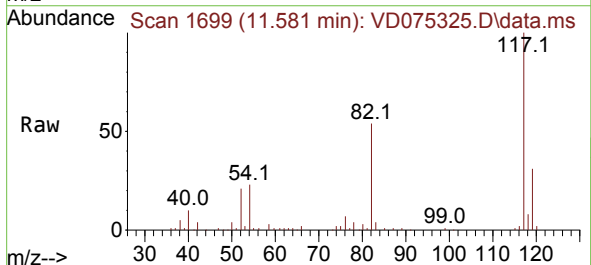
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

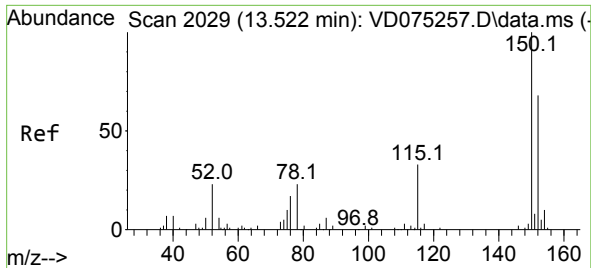
Tgt Ion: 95 Resp: 48441
Ion Ratio Lower Upper
95 100
174 82.8 0.0 161.2
176 78.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Tgt Ion: 117 Resp: 118184
Ion Ratio Lower Upper
117 100
82 54.2 39.6 59.4
119 31.3 24.6 37.0

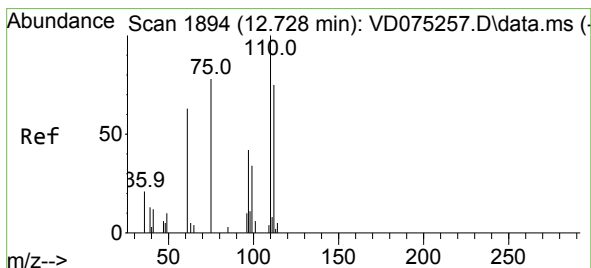
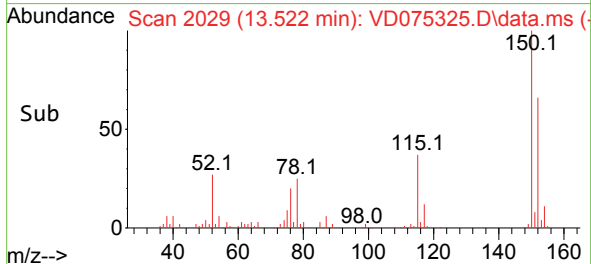
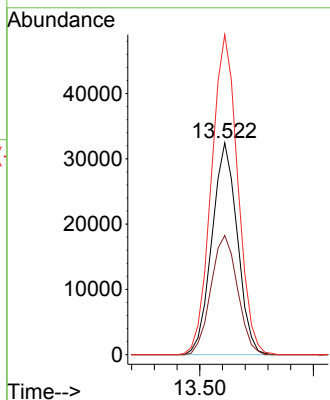
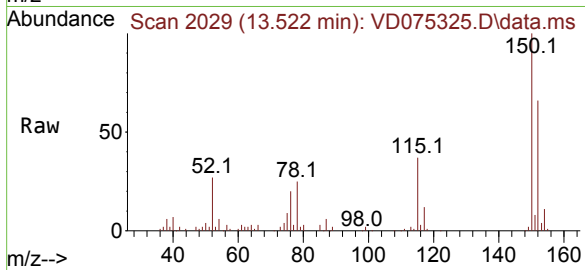




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075325.D
 Acq: 13 Feb 2023 13:58

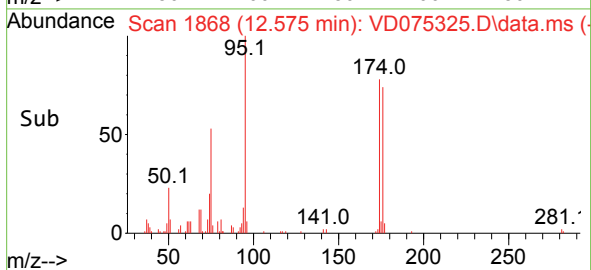
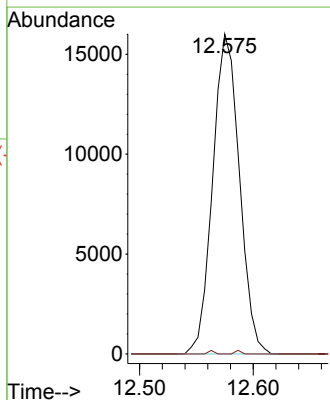
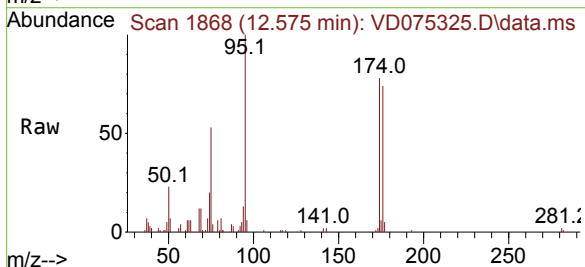
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

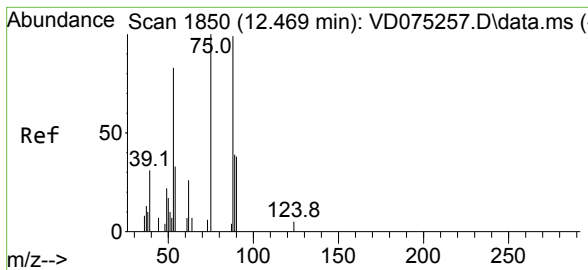
Tgt Ion:152 Resp: 50346
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.8 86.4
 150 156.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.740 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075325.D
 Acq: 13 Feb 2023 13:58

Tgt Ion: 75 Resp: 26157
 Ion Ratio Lower Upper
 75 100
 77 0.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.348 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075325.D
 Acq: 13 Feb 2023 13:58

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

Tgt Ion:	75	Resp:	26157
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	34.6	52.0#

