

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075327.D
 Acq On : 13 Feb 2023 14:54
 Operator : KP/SY
 Sample : 01529-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Feb 14 01:22:52 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)

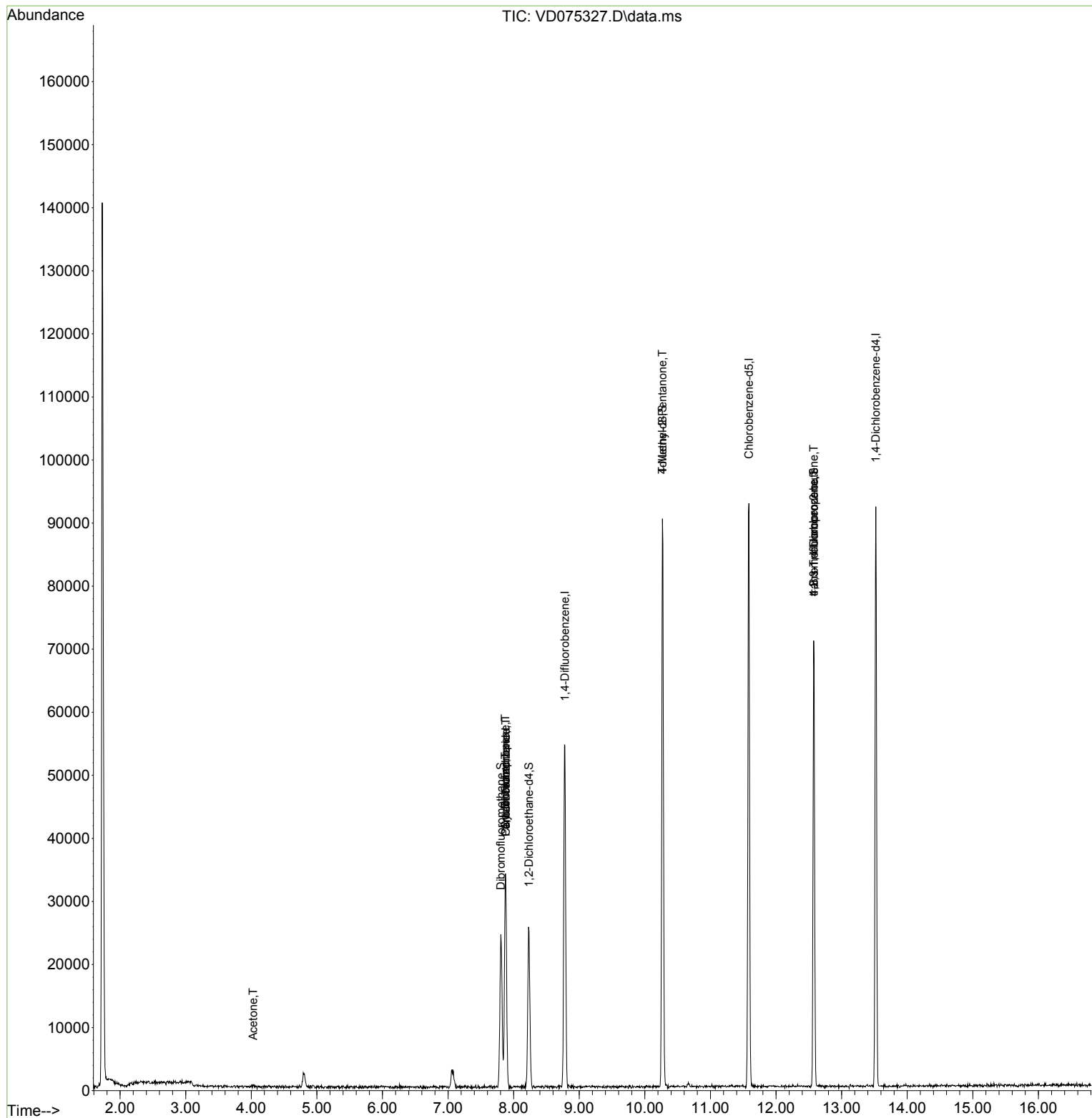
Internal Standards						
1) Pentafluorobenzene	7.881	168	25898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	47532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	50331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	23604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19375	63.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.600%	
35) Dibromofluoromethane	7.804	113	16923	50.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.269	98	60103	47.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	12.575	95	21076	50.569	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.140%	
Target Compounds						Qvalue
3) Chloromethane	2.140	50	56	Below Cal	#	41
16) Acetone	4.028	43	431	5.368	ug/l #	42
20) Methylene Chloride	4.799	84	1172	Below Cal		93
31) Cyclohexane	7.875	56	579	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	2394	4.611	ug/l #	41
38) Carbon Tetrachloride	7.881	117	2974	6.182	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	252	1.152	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	11852	44.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	11852	139.576	ug/l #	14

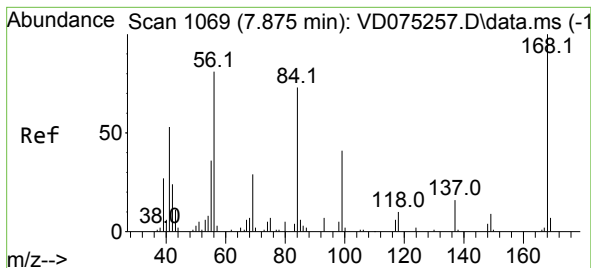
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

Instrument :

MSVOA_D

ClientSampleId :

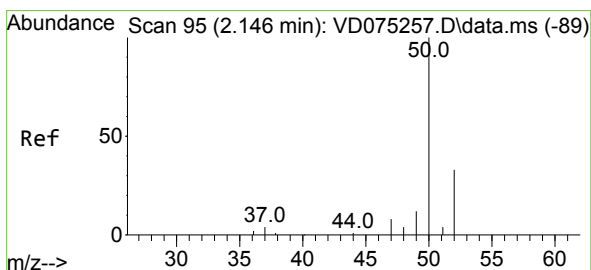
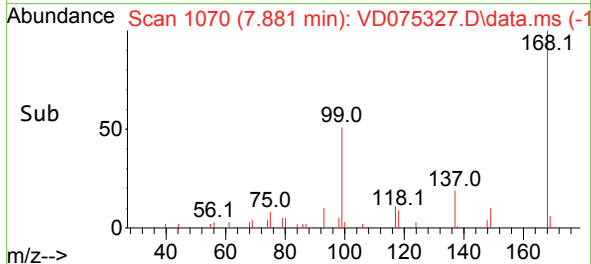
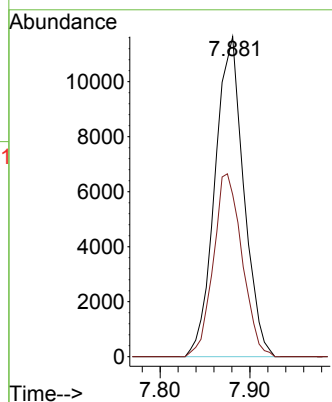
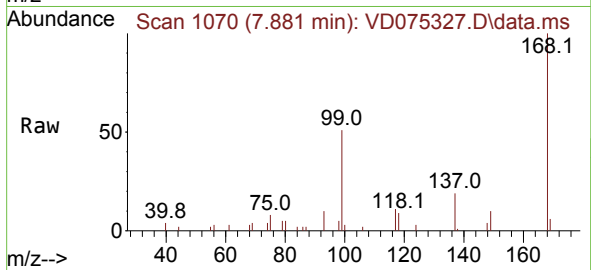
SB-05-0-2.0

Tgt Ion:168 Resp: 25898

Ion Ratio Lower Upper

168 100

99 50.6 45.2 67.8



#3

Chloromethane

Concen: Below Cal

RT: 2.140 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075327.D

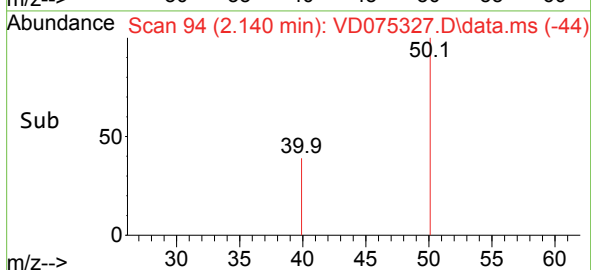
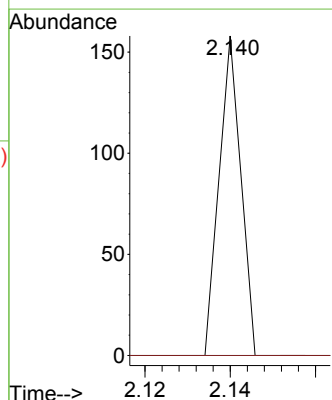
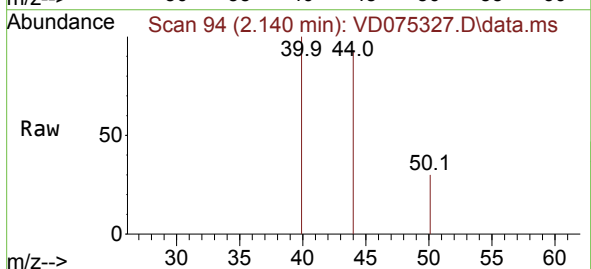
Acq: 13 Feb 2023 14:54

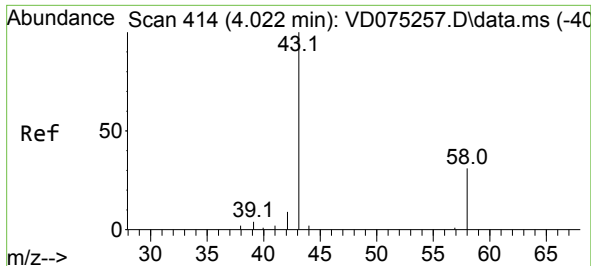
Tgt Ion: 50 Resp: 56

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#

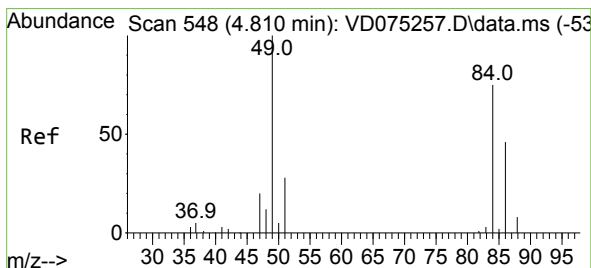
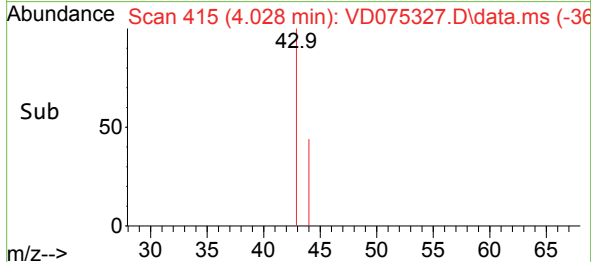
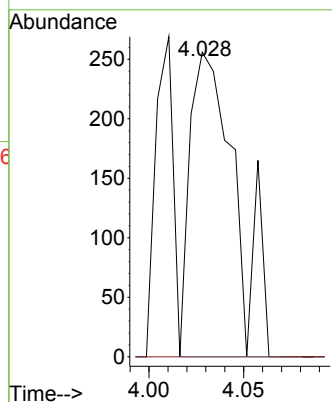
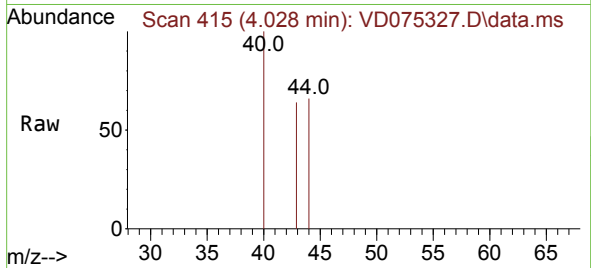




#16
Acetone
Concen: 5.368 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

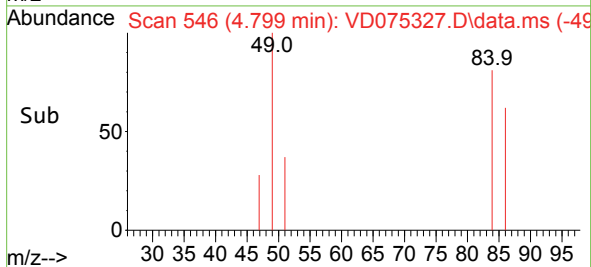
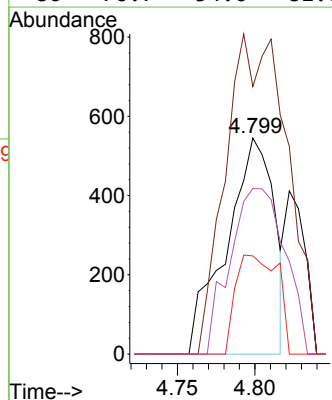
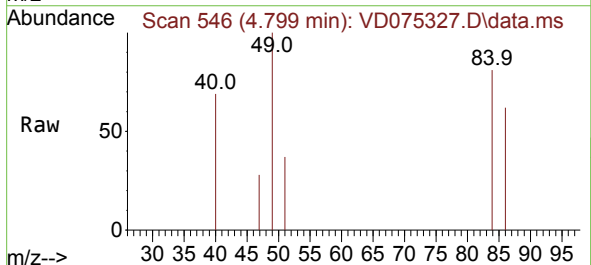
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

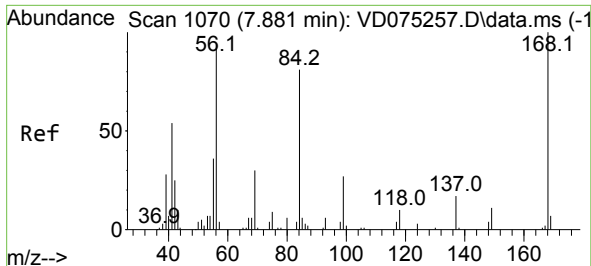
Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

Tgt Ion: 84 Resp: 1172
Ion Ratio Lower Upper
84 100
49 123.9 97.0 145.6
51 45.5 30.9 46.3
86 76.7 54.0 81.0

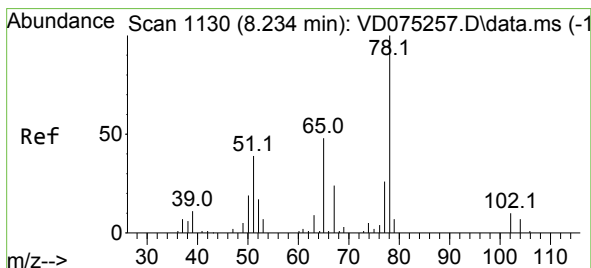
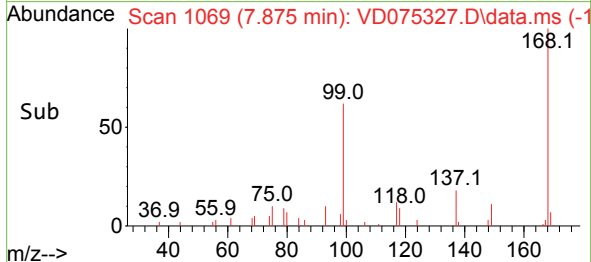
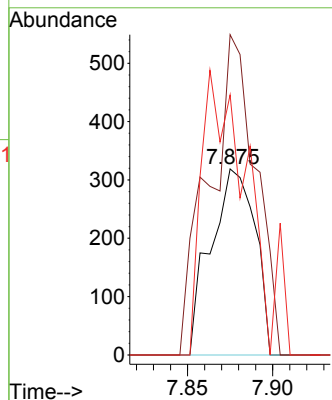
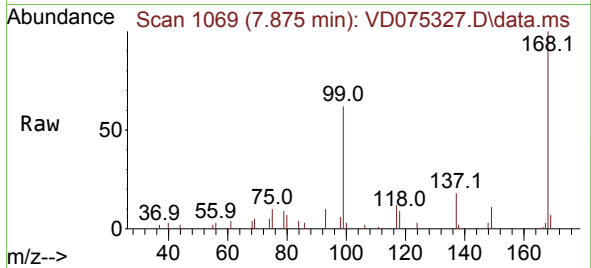




#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

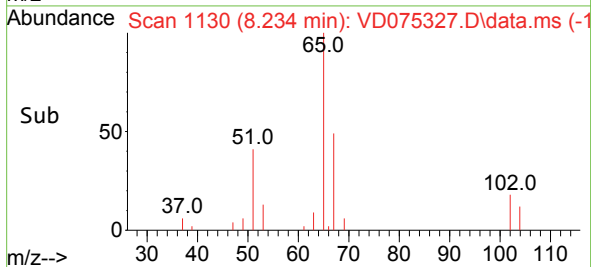
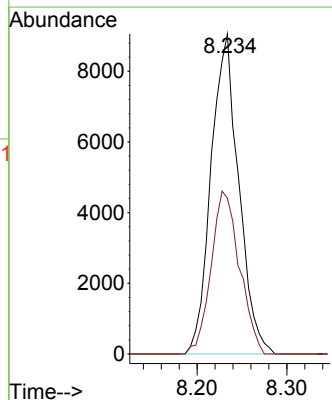
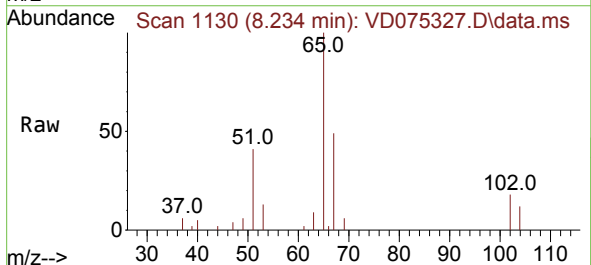
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

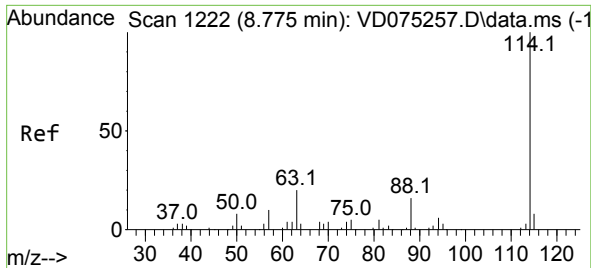
Tgt Ion: 56 Resp: 579
Ion Ratio Lower Upper
56 100
69 172.1 26.6 40.0#
84 139.8 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 63.802 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

Tgt Ion: 65 Resp: 19375
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# 1

Delta R.T. 0.006 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0

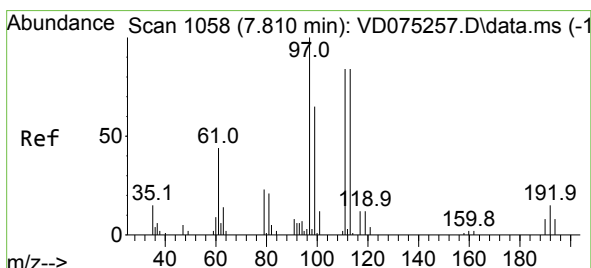
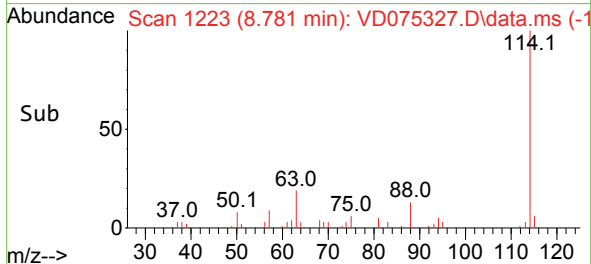
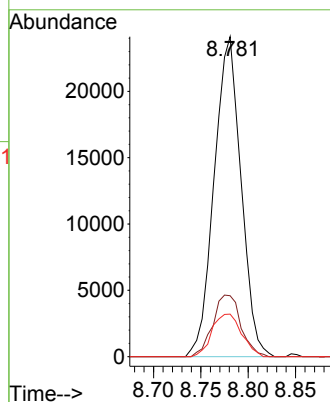
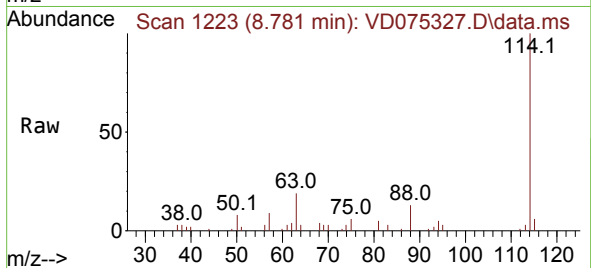
Tgt Ion:114 Resp: 47532

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 13.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.775 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

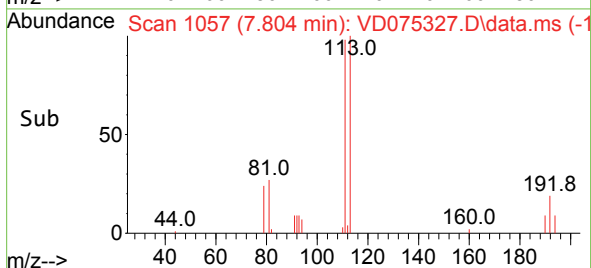
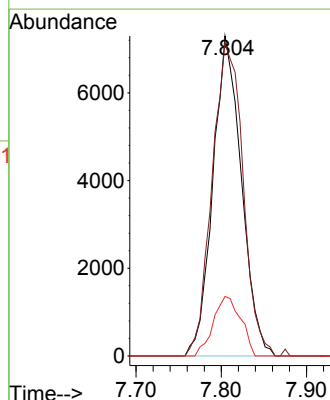
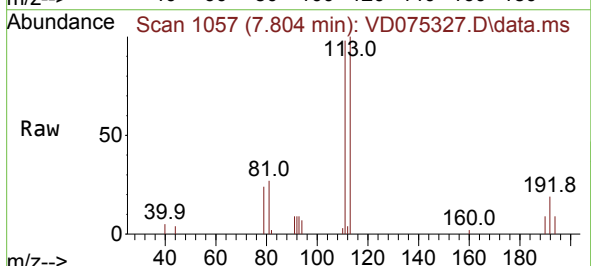
Tgt Ion:113 Resp: 16923

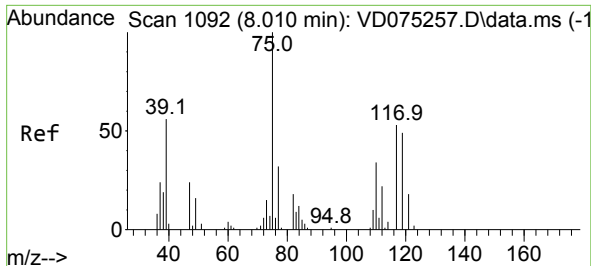
Ion Ratio Lower Upper

113 100

111 105.9 80.1 120.1

192 17.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.611 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

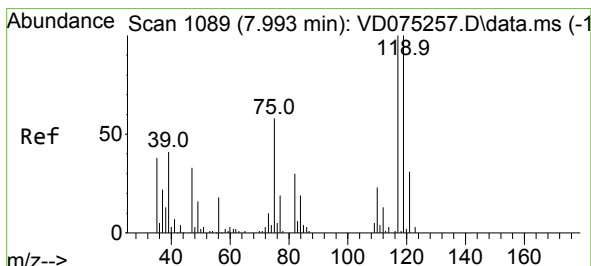
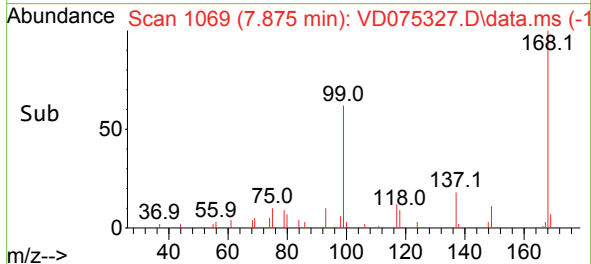
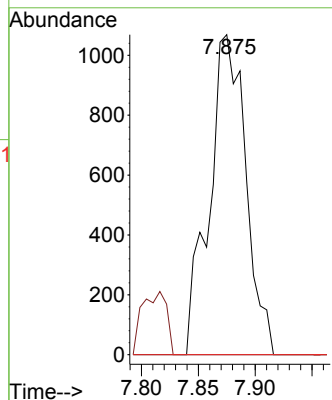
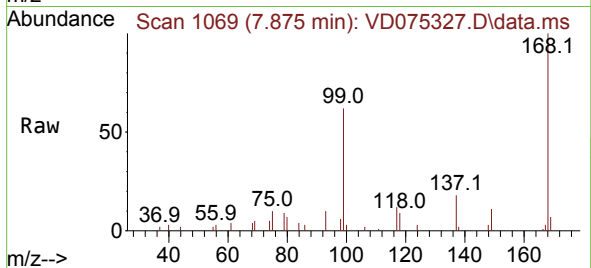
Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0

Tgt Ion:	75	Resp:	2394
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.182 ug/l

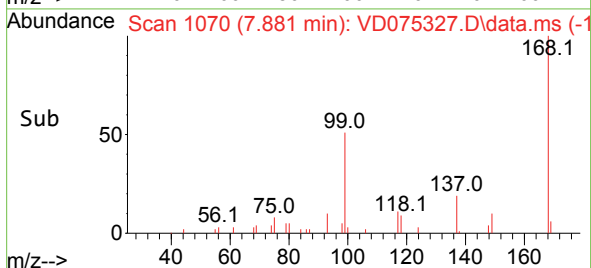
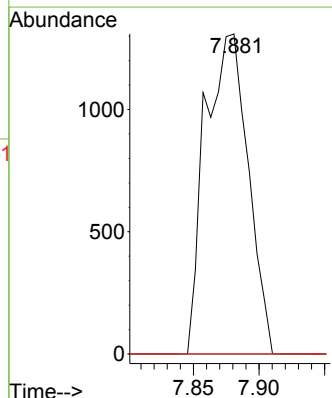
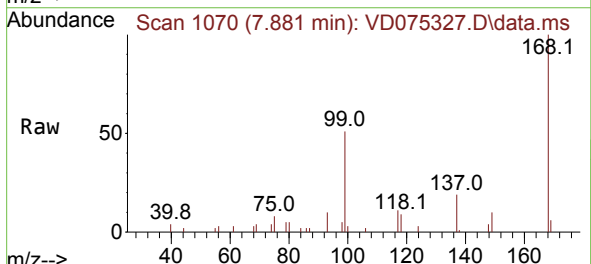
RT: 7.881 min Scan# 1070

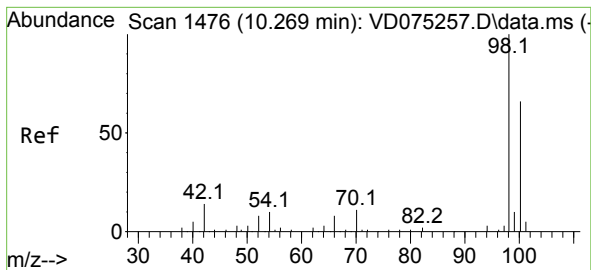
Delta R.T. -0.112 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

Tgt Ion:	117	Resp:	2974
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.6	110.4#
121	0.0	25.4	38.0#





#50

Toluene-d8

Concen: 47.551 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

Instrument :

MSVOA_D

ClientSampleId :

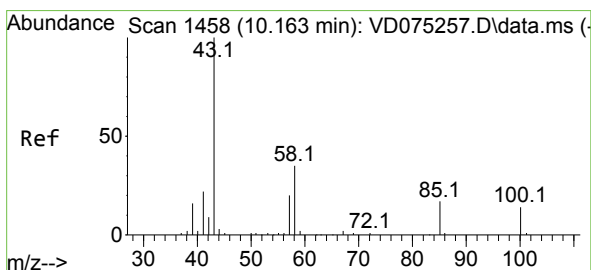
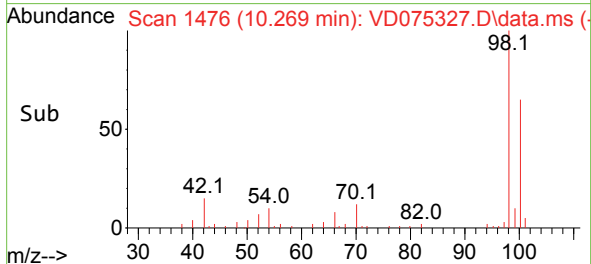
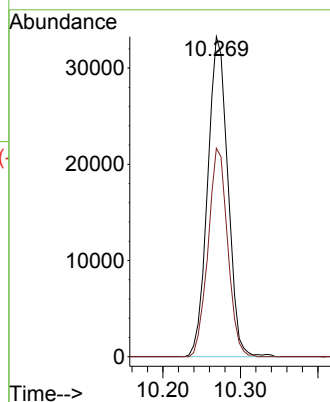
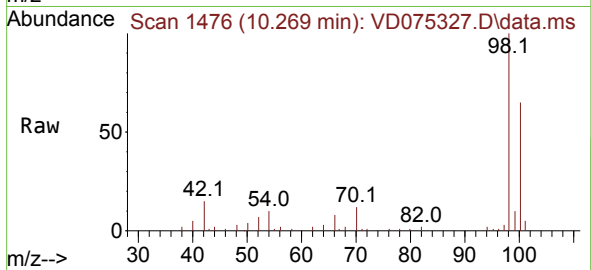
SB-05-0-2.0

Tgt Ion: 98 Resp: 60103

Ion Ratio Lower Upper

98 100

100 63.1 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 1.152 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.106 min

Lab File: VD075327.D

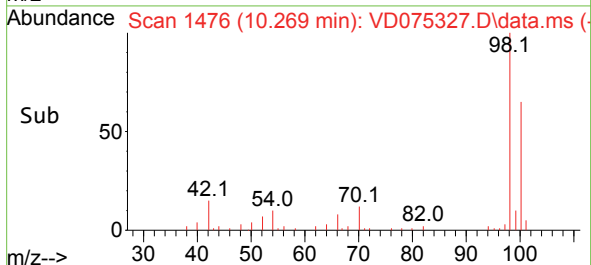
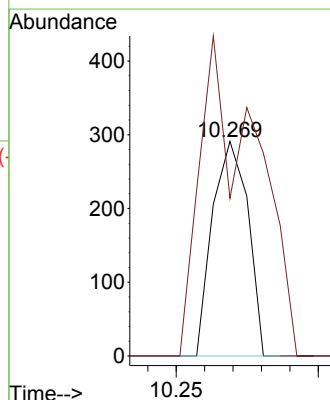
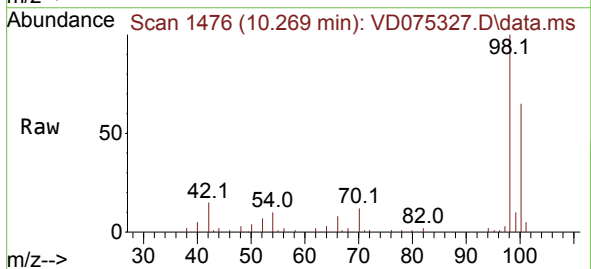
Acq: 13 Feb 2023 14:54

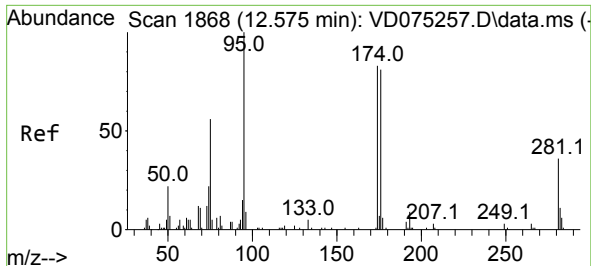
Tgt Ion: 43 Resp: 252

Ion Ratio Lower Upper

43 100

58 232.9 31.4 47.0#

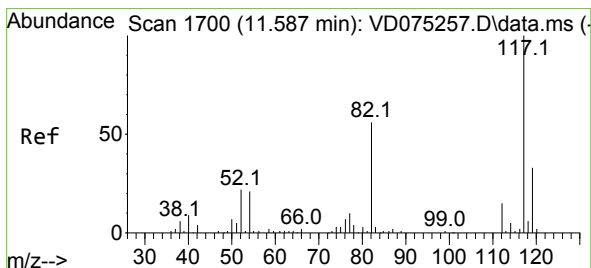
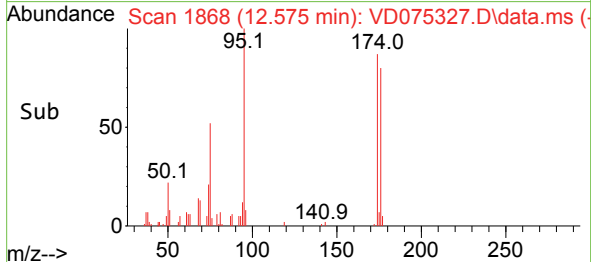
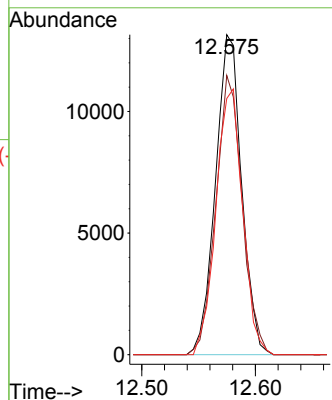
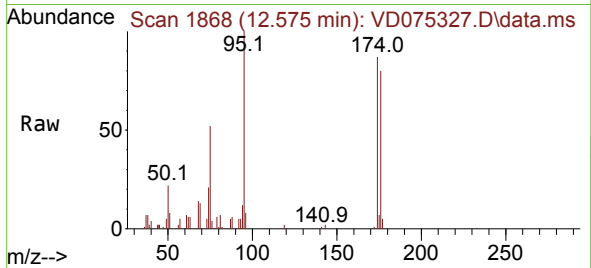




#62
4-Bromofluorobenzene
Concen: 50.569 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

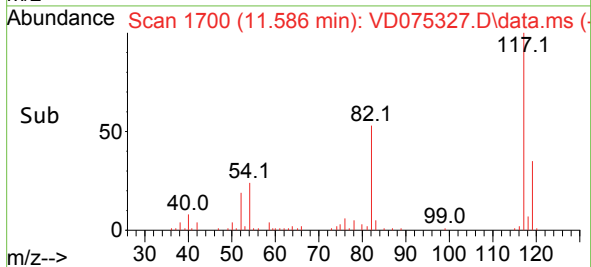
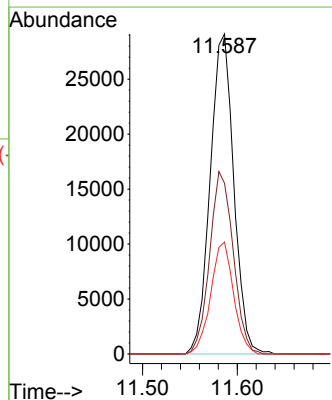
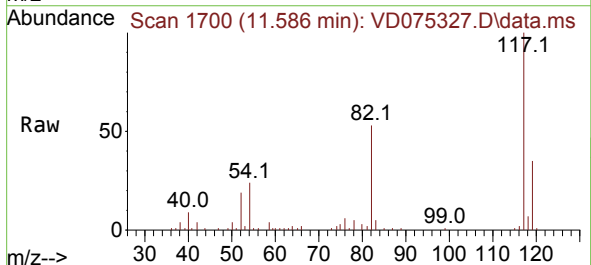
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

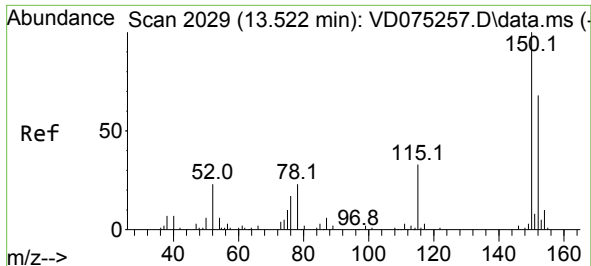
Tgt Ion: 95 Resp: 21076
Ion Ratio Lower Upper
95 100
174 87.8 0.0 161.2
176 84.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

Tgt Ion: 117 Resp: 50331
Ion Ratio Lower Upper
117 100
82 53.4 39.6 59.4
119 35.0 24.6 37.0

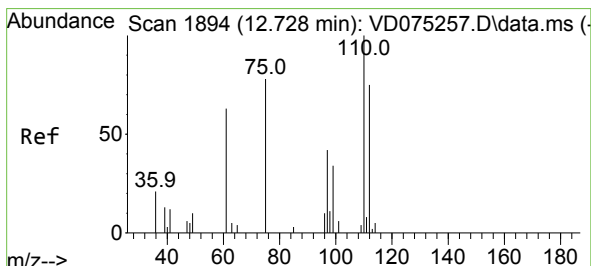
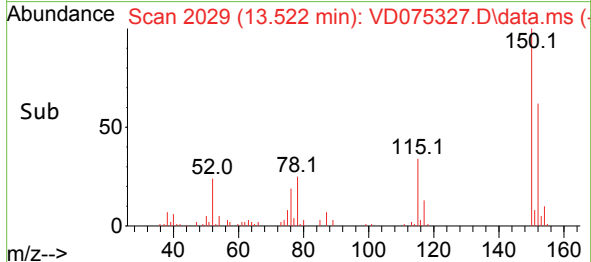
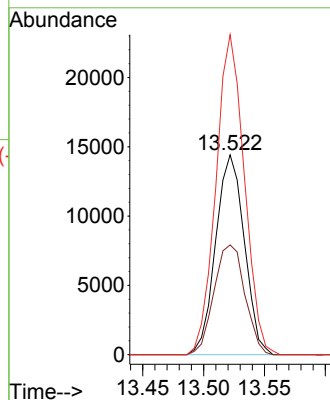
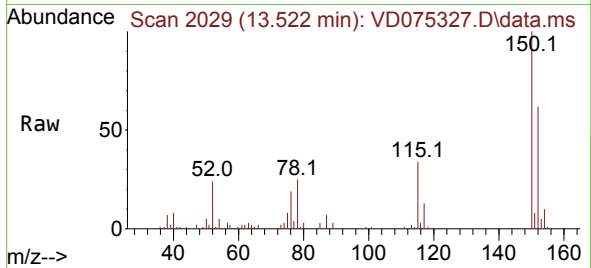




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075327.D
 Acq: 13 Feb 2023 14:54

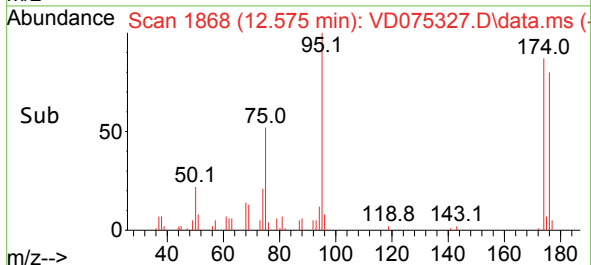
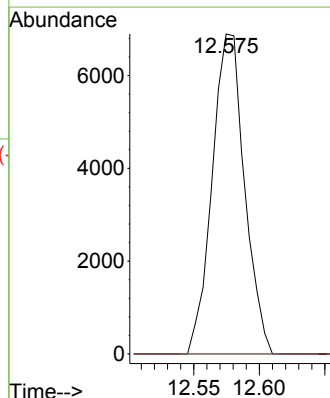
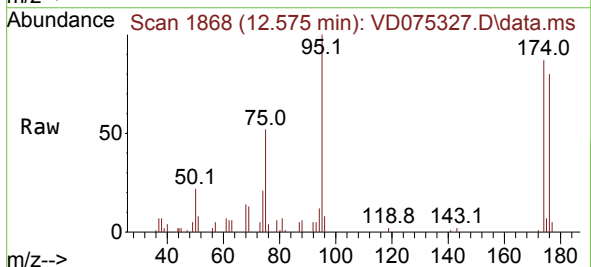
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

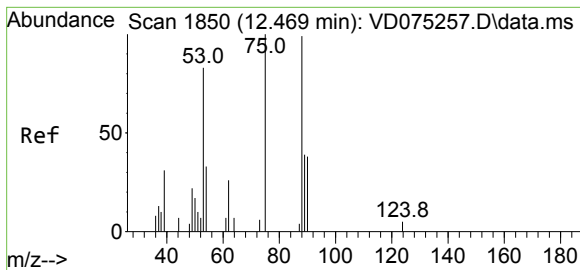
Tgt Ion:152 Resp: 23604
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.8 86.4
 150 158.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.206 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075327.D
 Acq: 13 Feb 2023 14:54

Tgt Ion: 75 Resp: 11852
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.576 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075327.D
 Acq: 13 Feb 2023 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

Tgt Ion:	75	Resp:	11852
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	34.6	52.0#

