

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078685.D
 Acq On : 15 Mar 2024 16:14
 Operator : RP/MD
 Sample : P1746-16RE
 Misc : 5.04G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 16 05:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

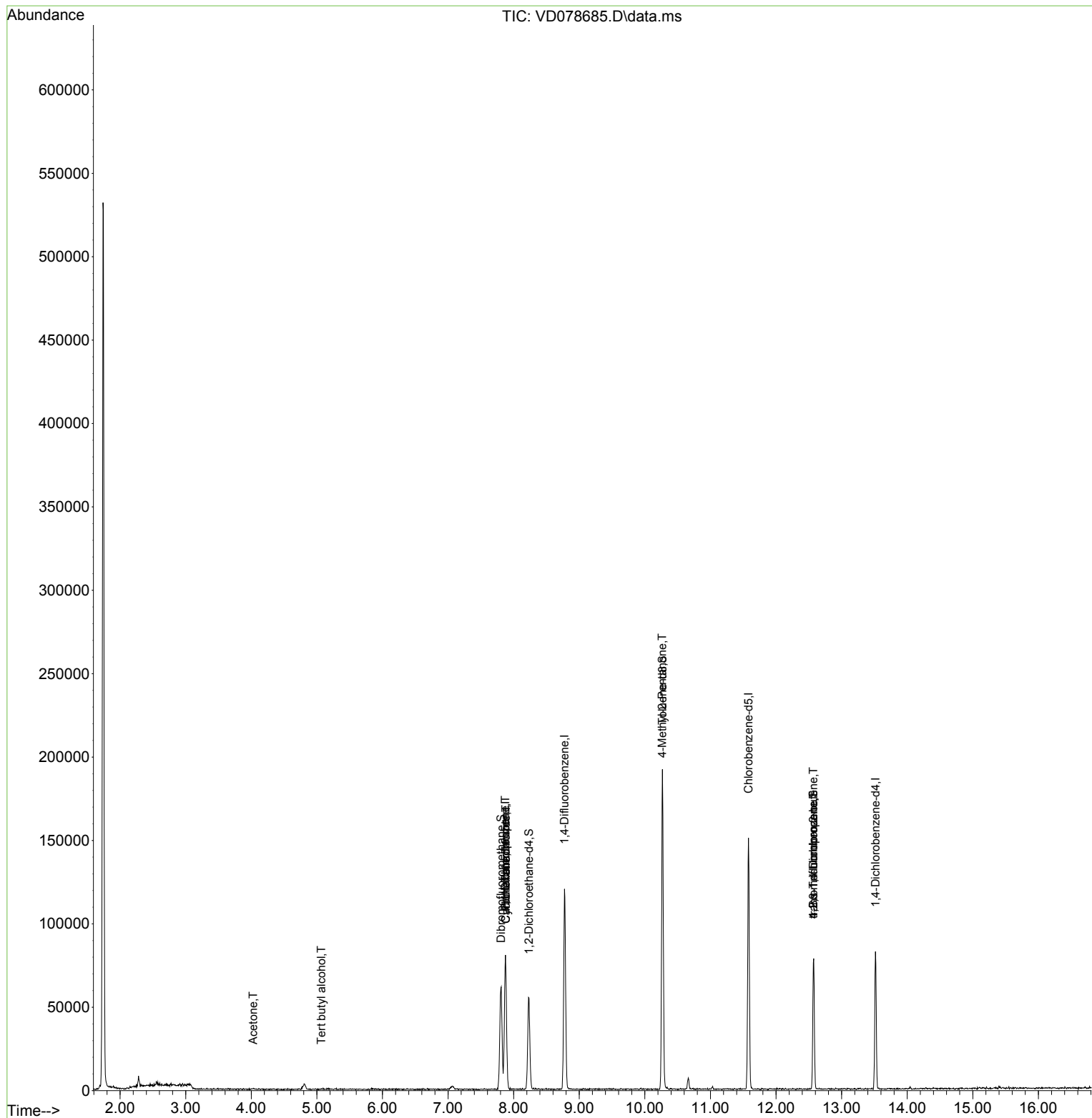
Internal Standards						
1) Pentafluorobenzene	7.875	168	61891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	111671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	88732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43179	74.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.880%
35) Dibromofluoromethane	7.810	113	46802	65.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.180%
50) Toluene-d8	10.269	98	132796	50.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.569	95	23514	30.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.069	59	55	2.119	ug/l #	75
16) Acetone	4.028	43	397	3.540	ug/l #	39
20) Methylene Chloride	4.805	84	2819	Below Cal	#	85
31) Cyclohexane	7.881	56	1331	1.365	ug/l #	11
36) 1,1-Dichloropropene	7.875	75	4597	4.407	ug/l #	45
38) Carbon Tetrachloride	7.881	117	6330	5.756	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	448	1.383	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	12044	69.260	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	12044	145.180	ug/l #	19

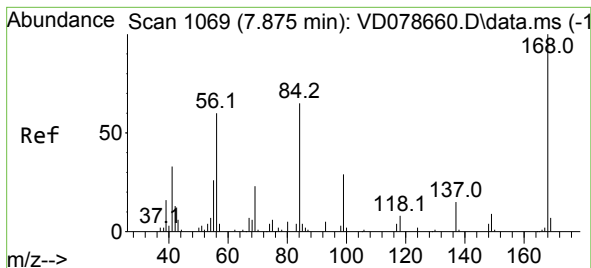
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078685.D

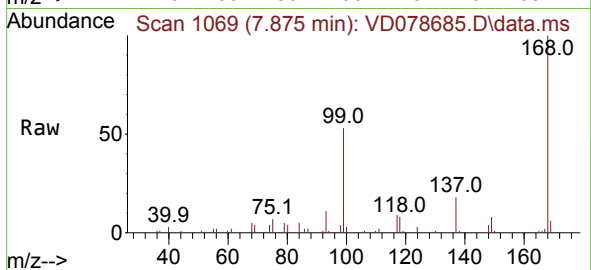
Acq: 15 Mar 2024 16:14

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0-DUPRE

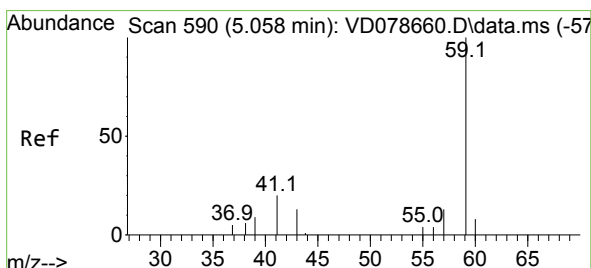
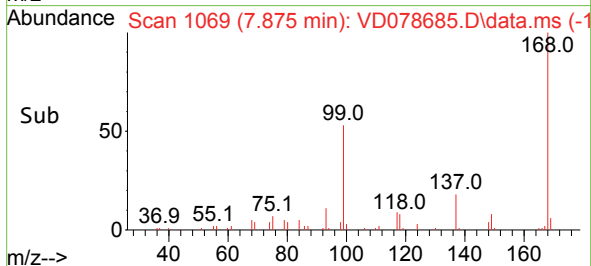
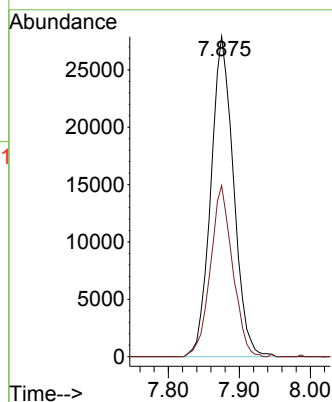


Tgt Ion:168 Resp: 61891

Ion Ratio Lower Upper

168 100

99 53.5 38.8 58.2



#11

Tert butyl alcohol

Concen: 2.119 ug/l

RT: 5.069 min Scan# 592

Delta R.T. 0.012 min

Lab File: VD078685.D

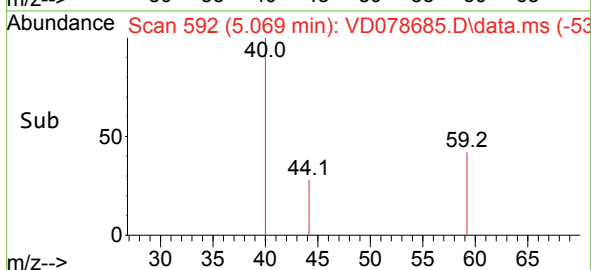
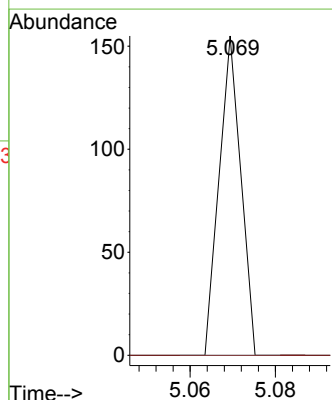
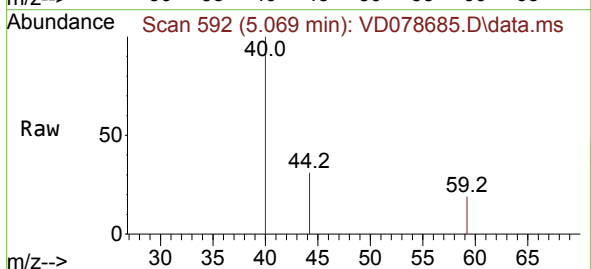
Acq: 15 Mar 2024 16:14

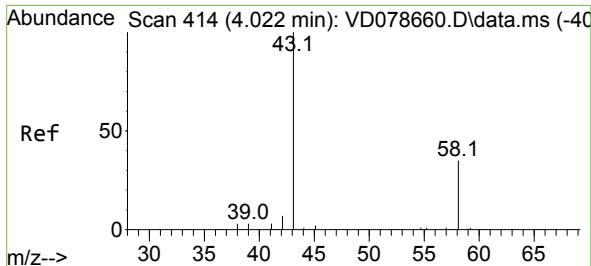
Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#





#16

Acetone

Concen: 3.540 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078685.D

Acq: 15 Mar 2024 16:14

Instrument :

MSVOA_D

ClientSampleId :

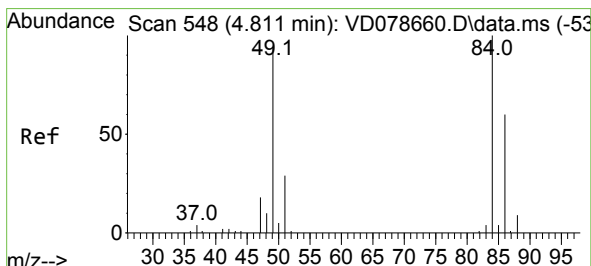
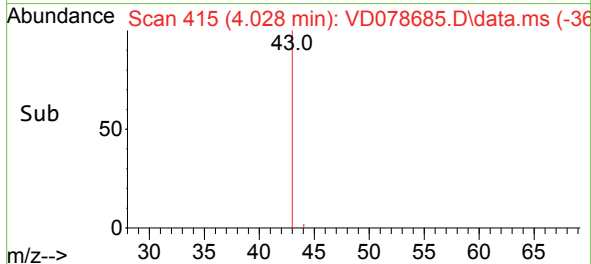
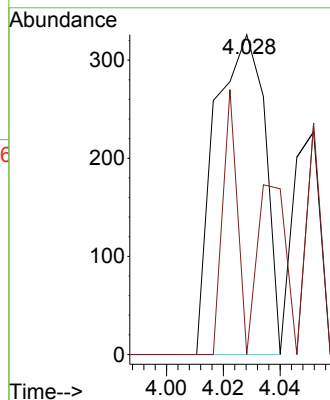
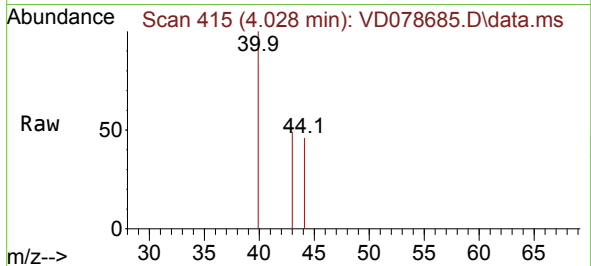
SB-05-0-2.0-DUPRE

Tgt Ion: 43 Resp: 397

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD078685.D

Acq: 15 Mar 2024 16:14

Tgt Ion: 84 Resp: 2819

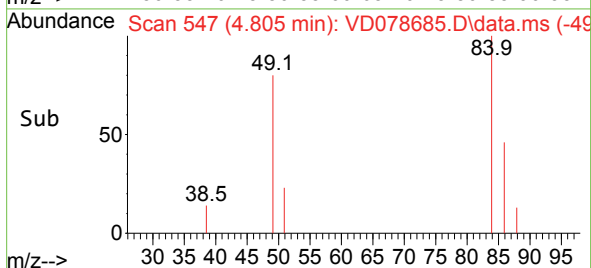
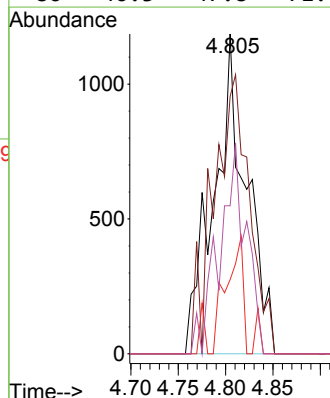
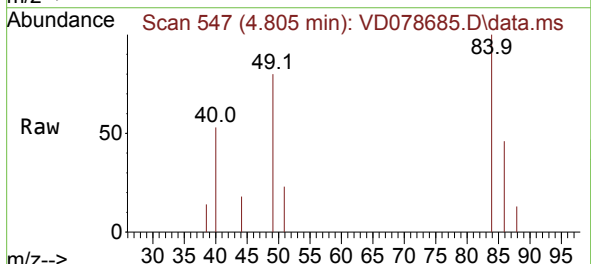
Ion Ratio Lower Upper

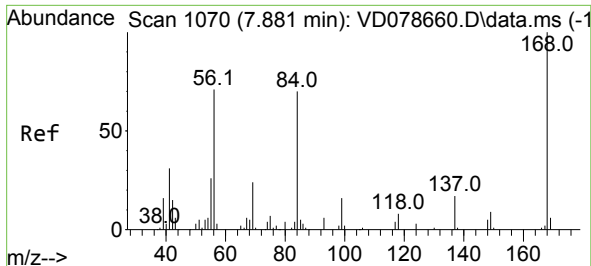
84 100

49 80.4 75.6 113.4

51 23.2 23.4 35.0#

86 46.3 47.8 71.6#

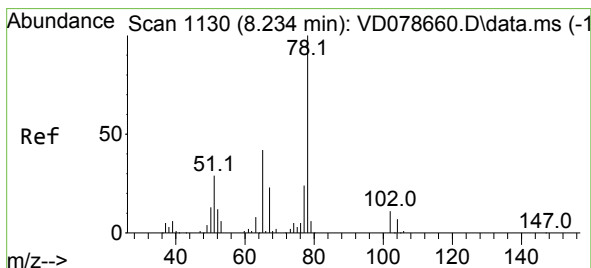
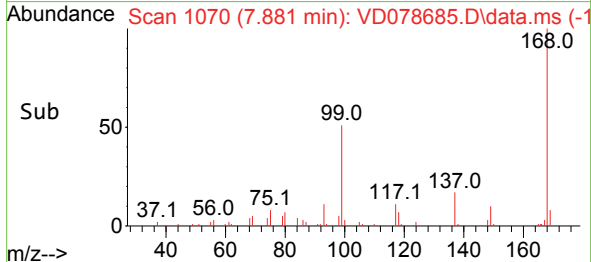
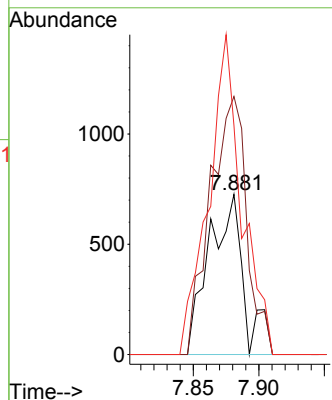
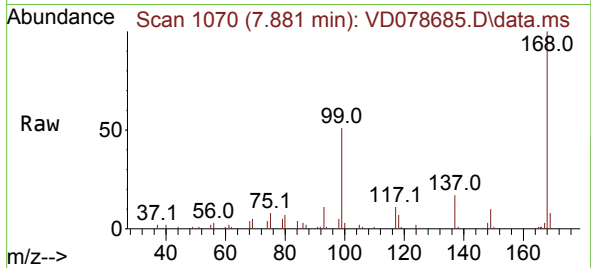




#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

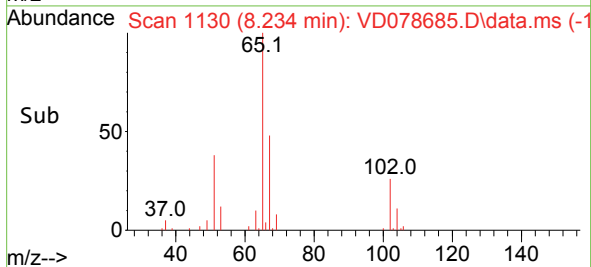
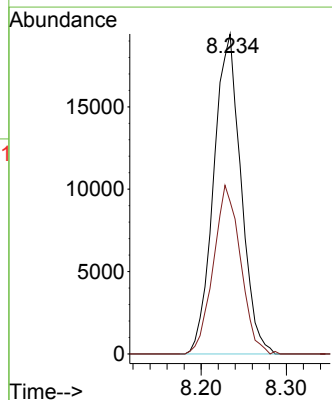
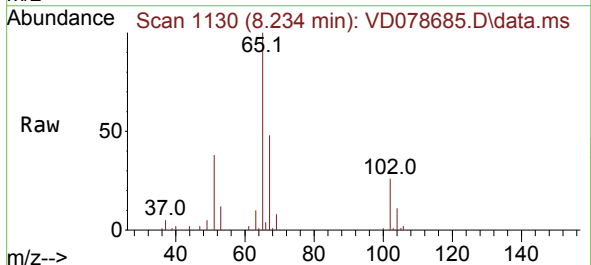
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0-DUPRE

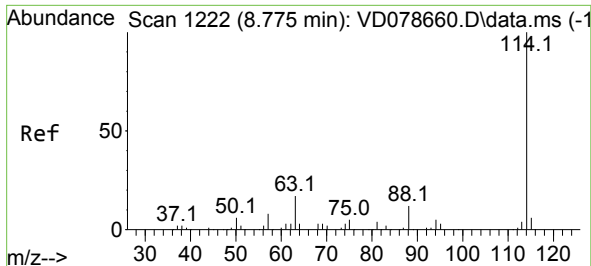
Tgt Ion: 56 Resp: 1331
Ion Ratio Lower Upper
56 100
69 161.2 26.6 40.0#
84 143.0 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 74.444 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

Tgt Ion: 65 Resp: 43179
Ion Ratio Lower Upper
65 100
67 52.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078685.D

Acq: 15 Mar 2024 16:14

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0-DUPRE

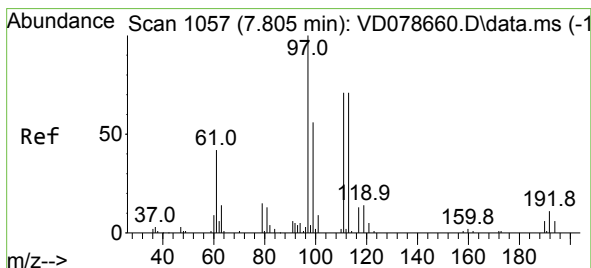
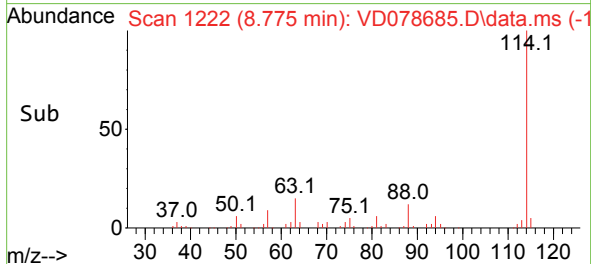
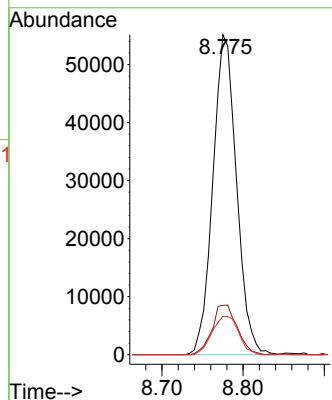
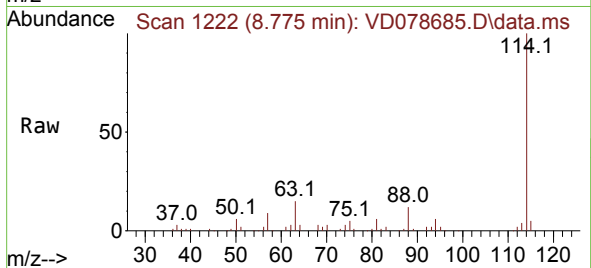
Tgt Ion:114 Resp: 111671

Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.4

88 12.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 65.094 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078685.D

Acq: 15 Mar 2024 16:14

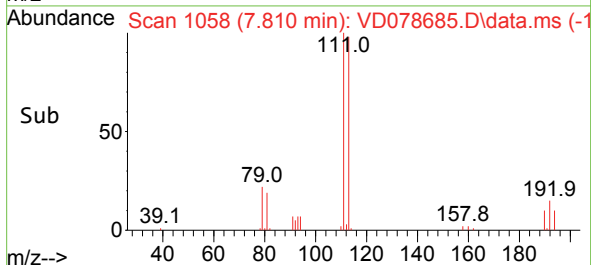
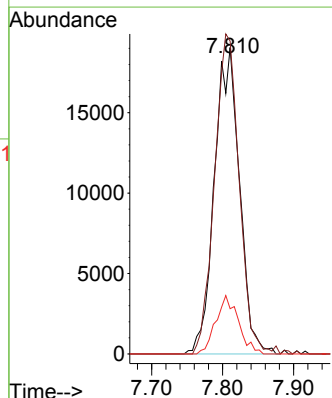
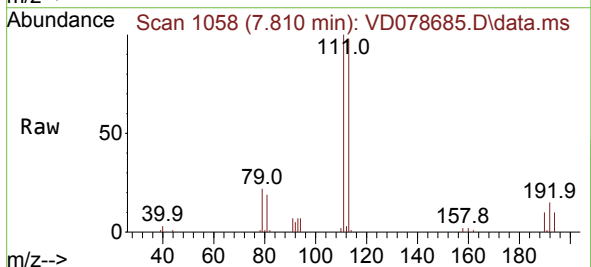
Tgt Ion:113 Resp: 46802

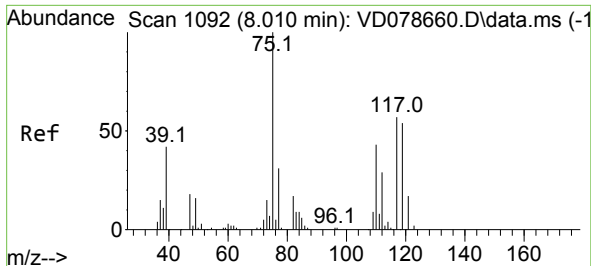
Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 17.2 15.4 23.0

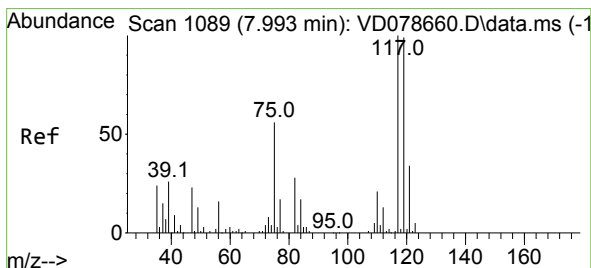
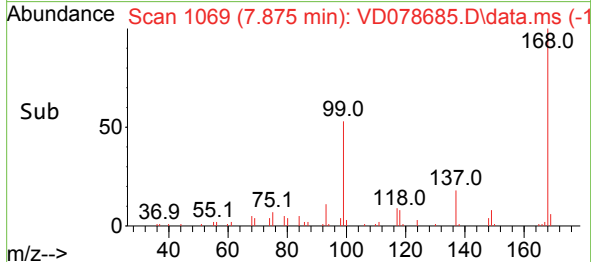
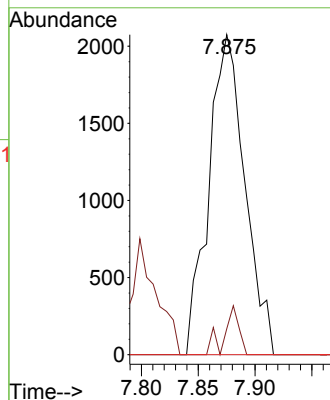
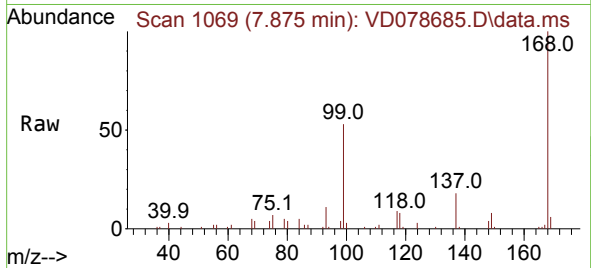




#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

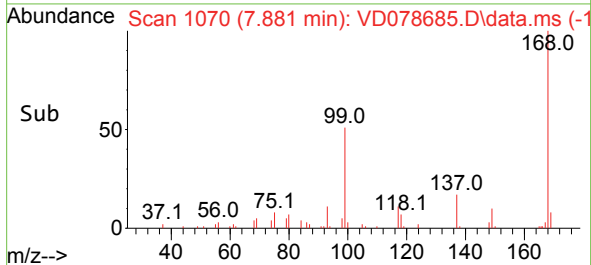
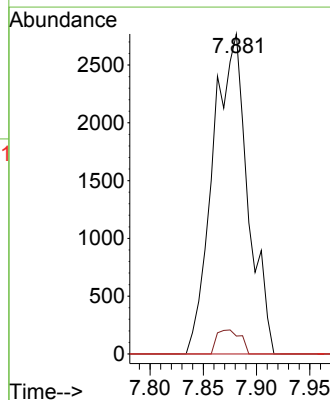
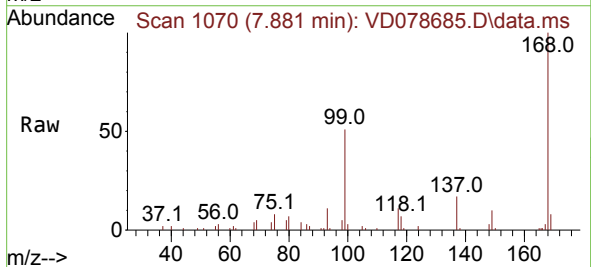
Instrument :
MSVOA_D
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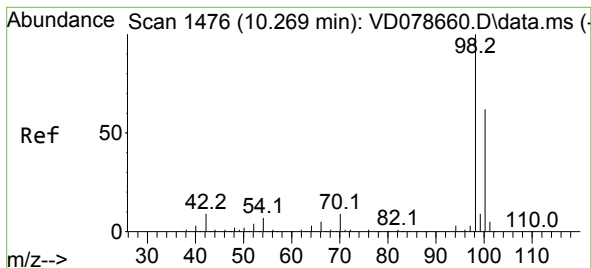
Tgt Ion: 75 Resp: 4597
Ion Ratio Lower Upper
75 100
110 6.3 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.756 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078685.D
Acq: 15 Mar 2024 16:14

Tgt Ion: 117 Resp: 6330
Ion Ratio Lower Upper
117 100
119 5.6 79.2 118.8#
121 0.0 26.8 40.2#





#50

Toluene-d8

Concen: 50.221 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078685.D

Acq: 15 Mar 2024 16:14

Instrument :

MSVOA_D

ClientSampleId :

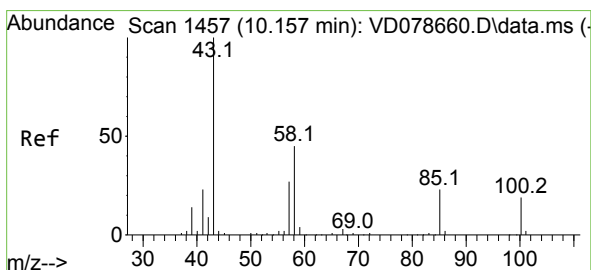
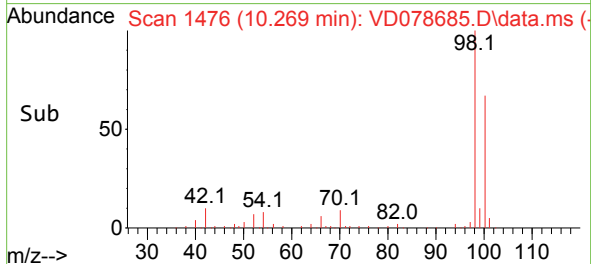
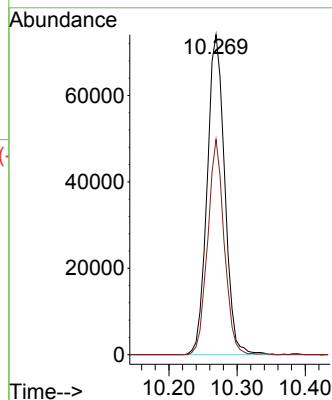
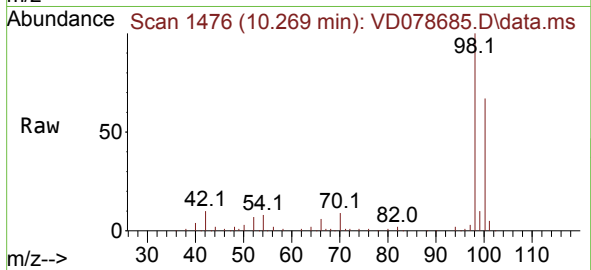
SB-05-0-2.0-DUPRE

Tgt Ion: 98 Resp: 132796

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7



#51

4-Methyl-2-Pentanone

Concen: 1.383 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.106 min

Lab File: VD078685.D

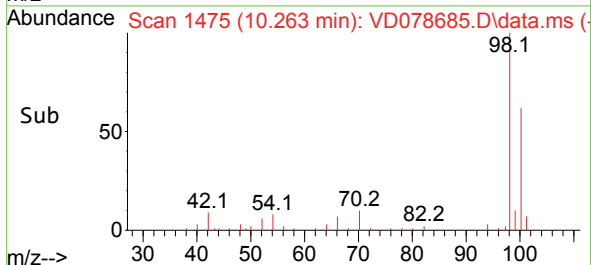
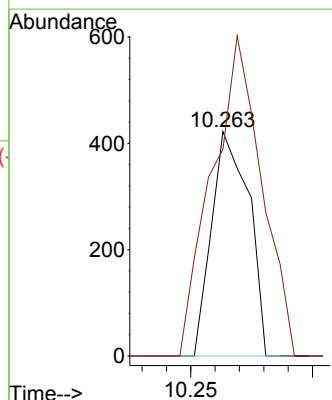
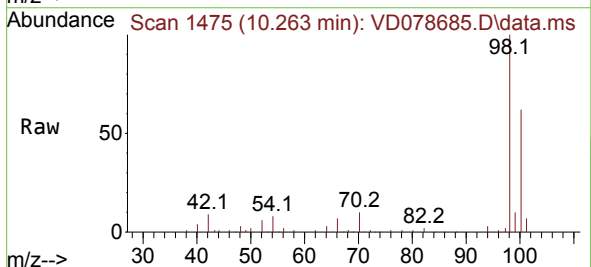
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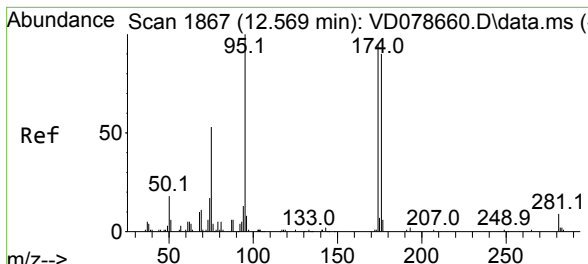
Tgt Ion: 43 Resp: 448

Ion Ratio Lower Upper

43 100

58 189.7 36.4 54.6#

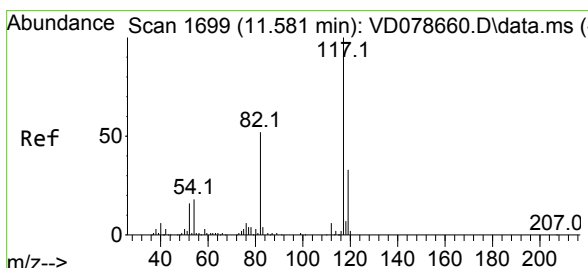
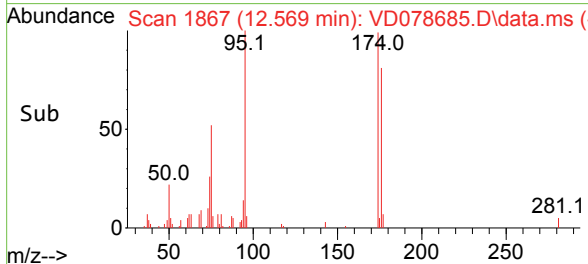
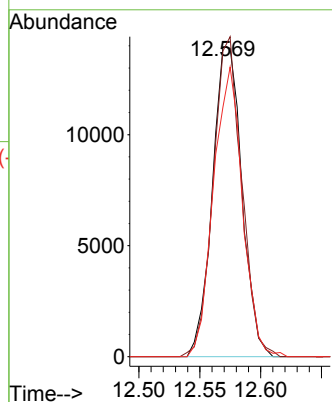
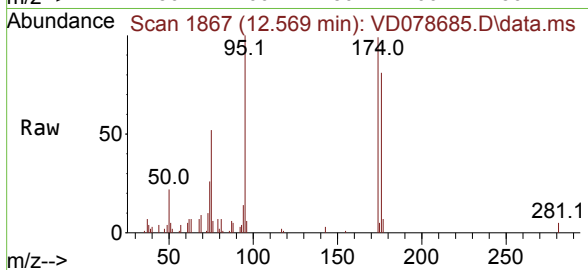




#62
 4-Bromofluorobenzene
 Concen: 30.396 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VD078685.D
 Acq: 15 Mar 2024 16:14

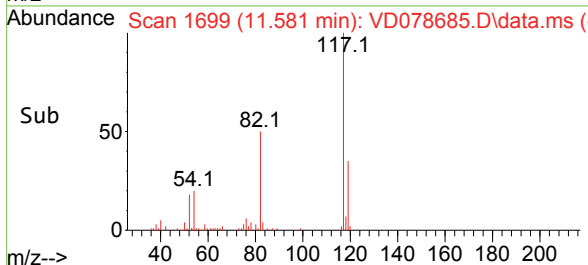
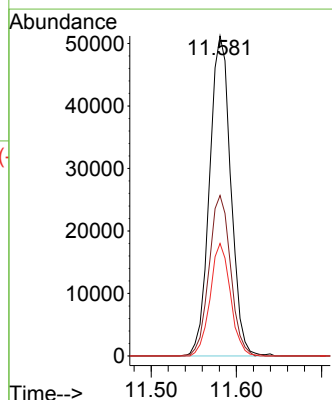
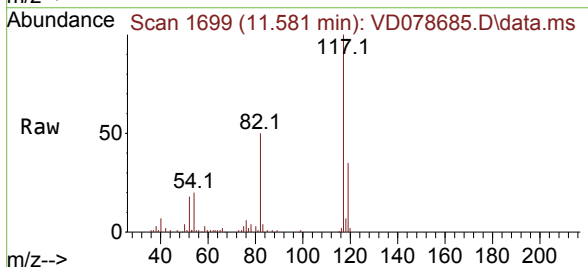
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0-DUPRE

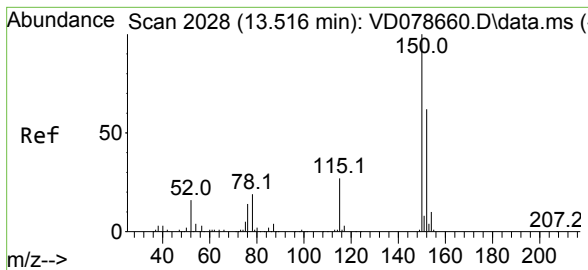
Tgt Ion:	95	Resp:	23514
Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	195.2
176	92.0	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078685.D
 Acq: 15 Mar 2024 16:14

Tgt Ion:	117	Resp:	88732
Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.4	62.2
119	35.2	26.5	39.7

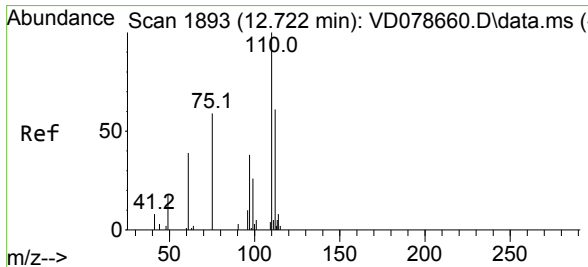
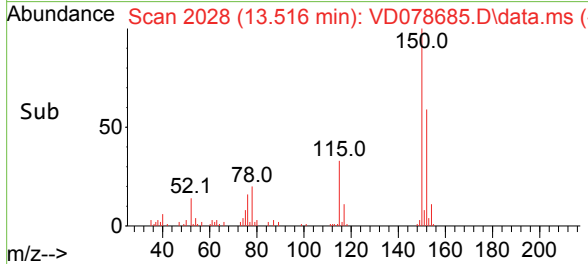
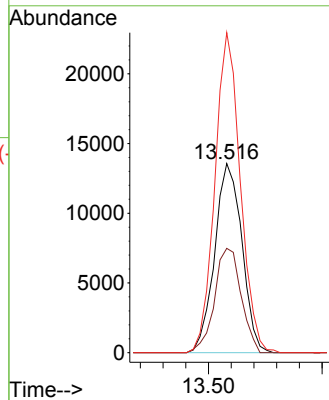
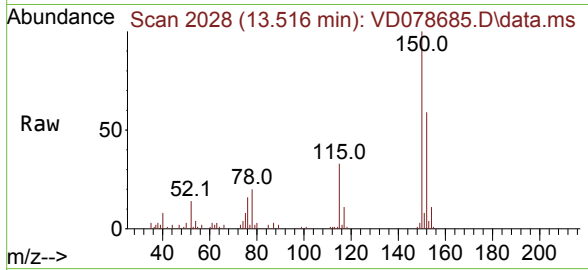




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078685.D
 Acq: 15 Mar 2024 16:14

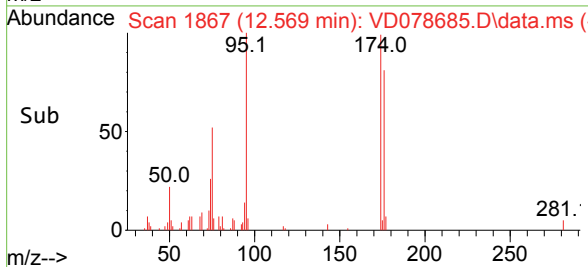
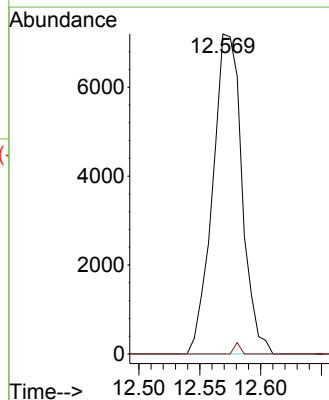
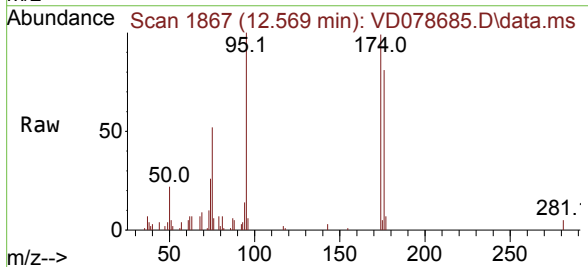
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0-DUPRE

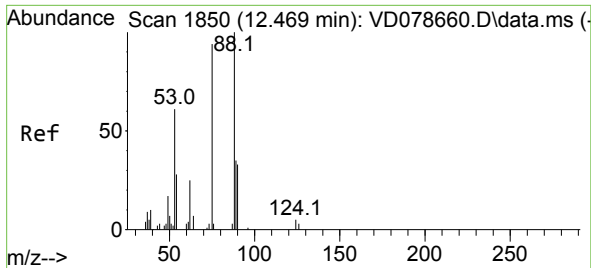
Tgt Ion:152 Resp: 22571
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.1 81.2
 150 157.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 69.260 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD078685.D
 Acq: 15 Mar 2024 16:14

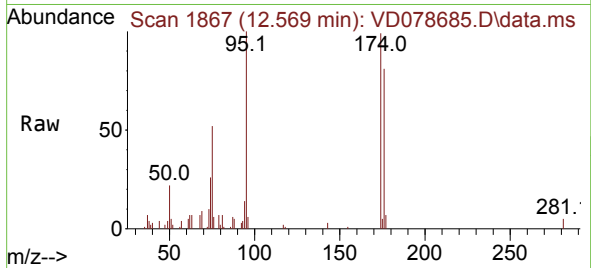
Tgt Ion: 75 Resp: 12044
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.180 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078685.D
 Acq: 15 Mar 2024 16:14

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



Tgt Ion:	75	Resp:	12044
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

