

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075198.D
 Acq On : 25 Jan 2023 12:17
 Operator : KP/SY
 Sample : 01268-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-012323RE

Quant Time: Jan 25 15:56:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

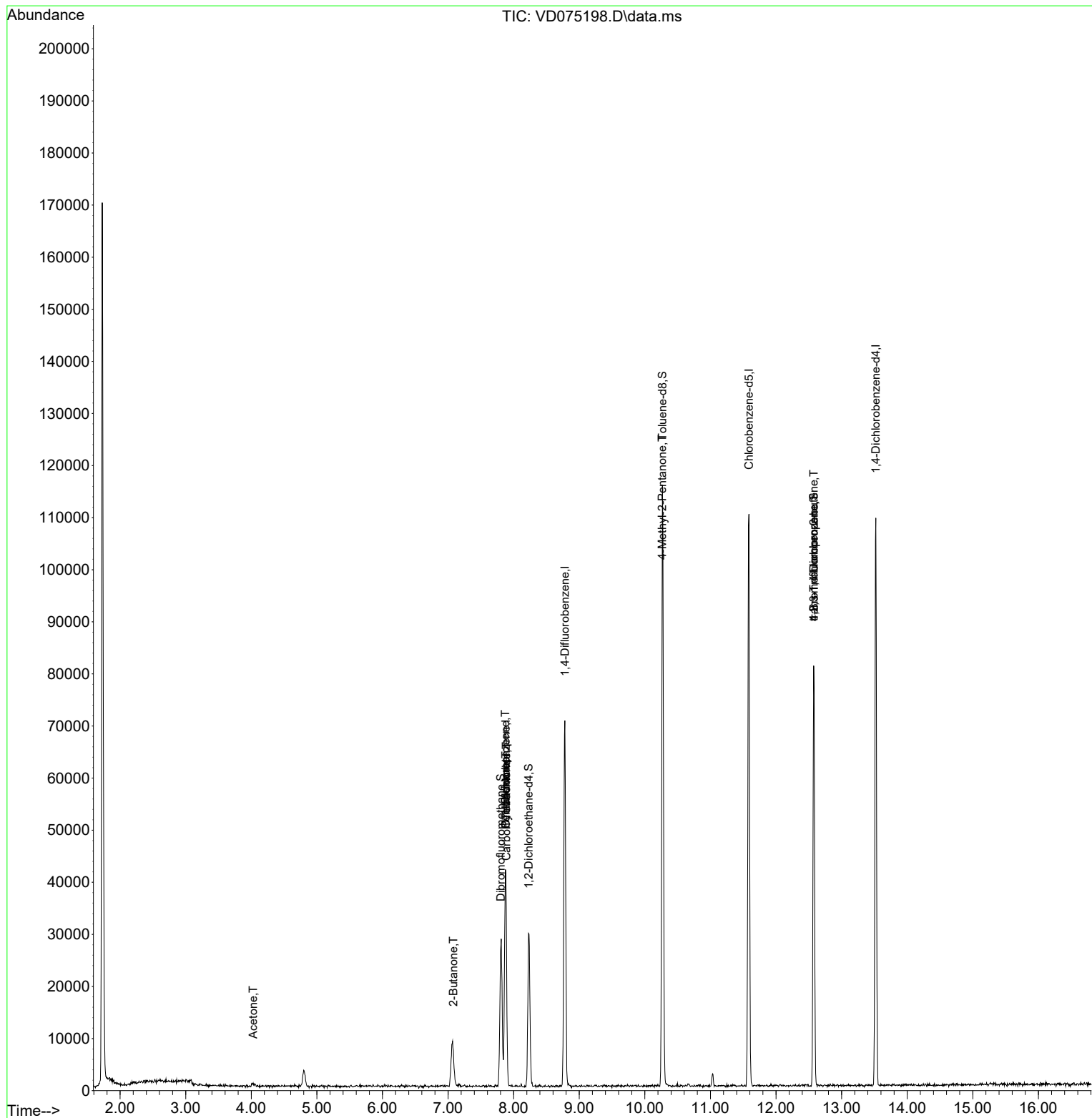
Internal Standards						
1) Pentafluorobenzene	7.881	168	32280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	62169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	62908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	23156	70.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.600%	
35) Dibromofluoromethane	7.804	113	21212	56.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.920%	
50) Toluene-d8	10.269	98	77530	52.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.575	95	26045	55.481	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.960%	
Target Compounds						Qvalue
16) Acetone	4.028	43	1139	13.111	ug/l	93
20) Methylene Chloride	4.805	84	2297	Below Cal	#	88
25) 2-Butanone	7.081	43	168	1.600	ug/l #	50
31) Cyclohexane	7.881	56	750	1.135	ug/l #	44
36) 1,1-Dichloropropene	7.875	75	3008	4.984	ug/l #	42
38) Carbon Tetrachloride	7.887	117	3028	5.958	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	287	1.263	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	14050	59.195	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	14050	137.307	ug/l #	14

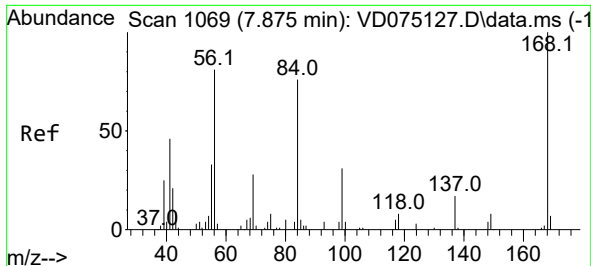
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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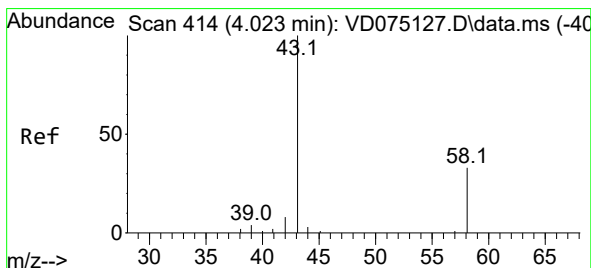
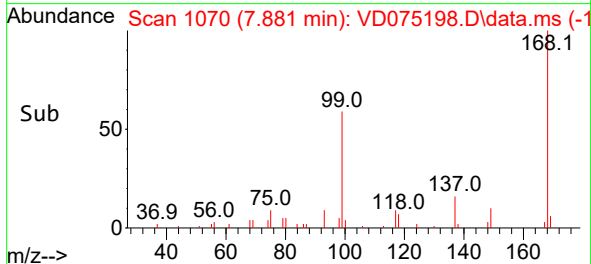
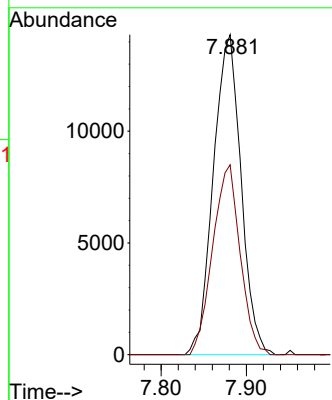
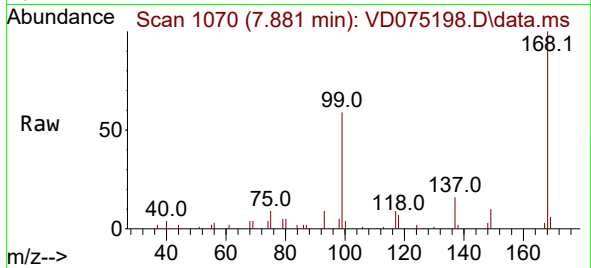




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

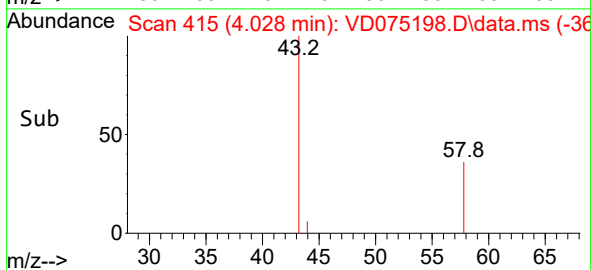
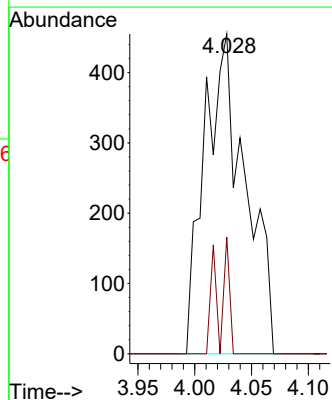
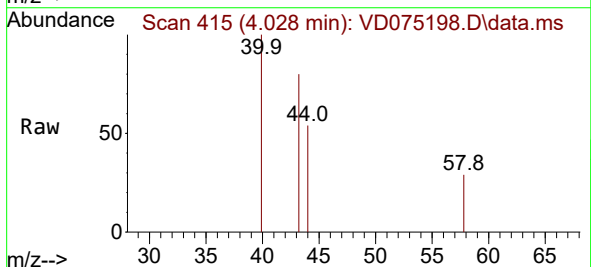
Instrument :
MSVOA_D
ClientSampleId :
TR-06-012323RE

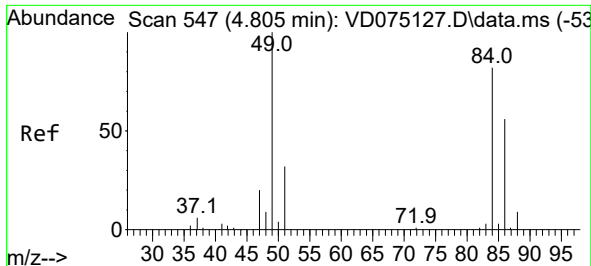
Tgt Ion:168 Resp: 32280
Ion Ratio Lower Upper
168 100
99 59.3 45.2 67.8



#16
Acetone
Concen: 13.111 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 36.5 26.0 39.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 54

Delta R.T. -0.000 min

Lab File: VD075198.D

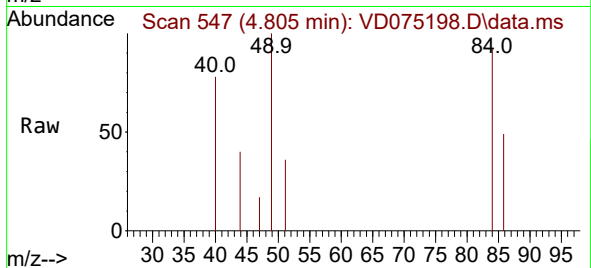
Acq: 25 Jan 2023 12:17

Instrument :

MSVOA_D

ClientSampleId :

TR-06-012323RE



Tgt Ion: 84 Resp: 2297

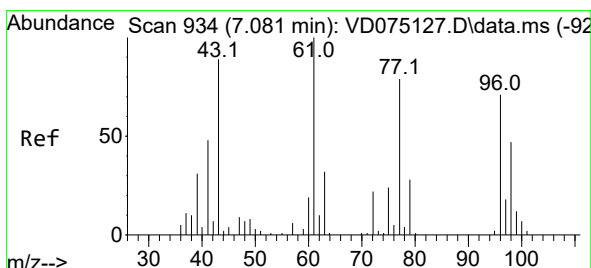
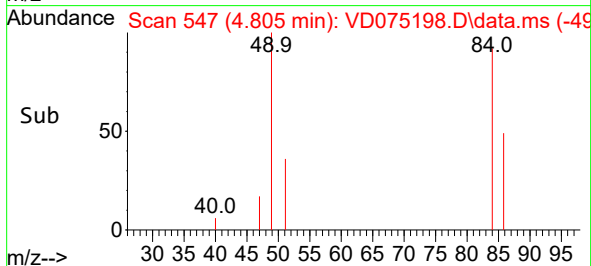
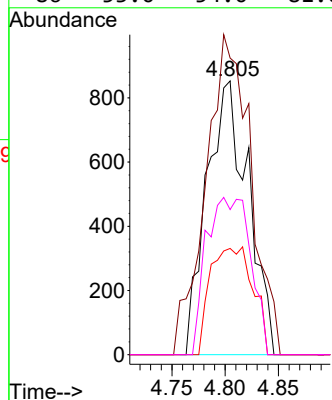
Ion Ratio Lower Upper

84 100

49 108.3 97.0 145.6

51 38.8 30.9 46.3

86 53.0 54.0 81.0#



#25

2-Butanone

Concen: 1.600 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075198.D

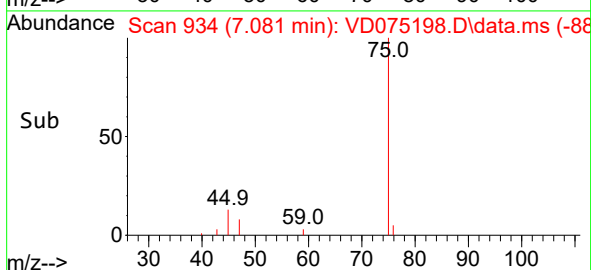
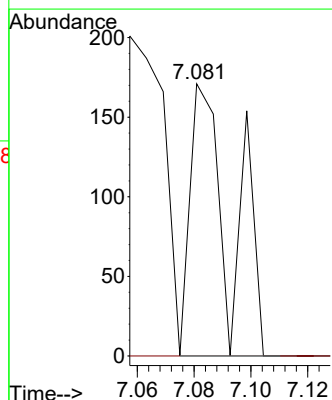
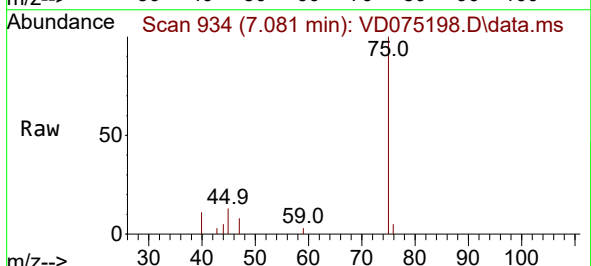
Acq: 25 Jan 2023 12:17

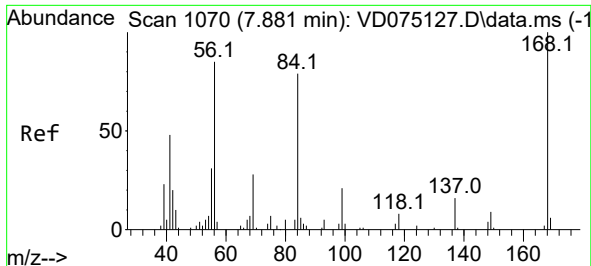
Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.8#

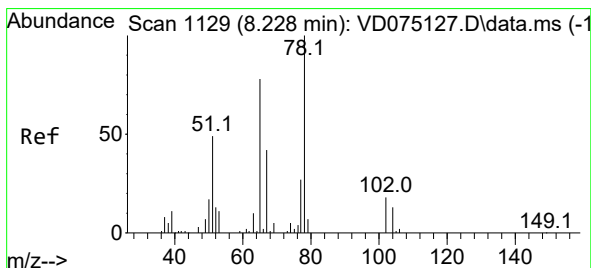
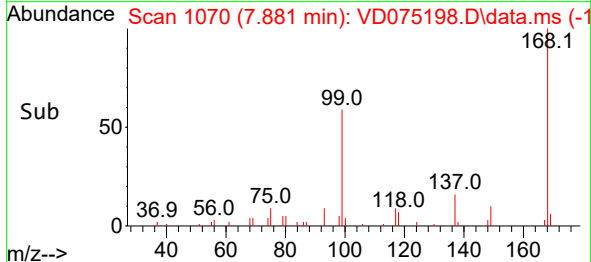
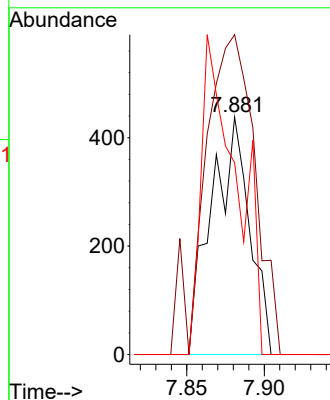
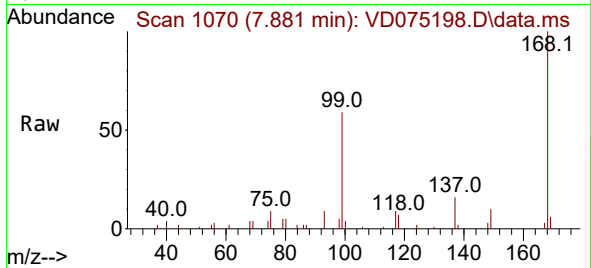




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

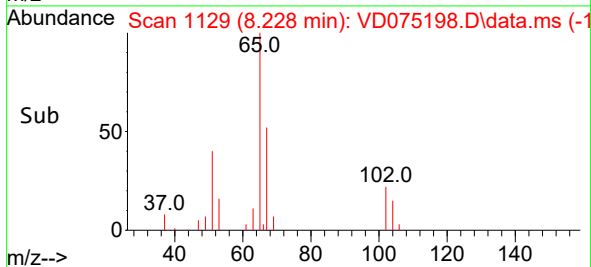
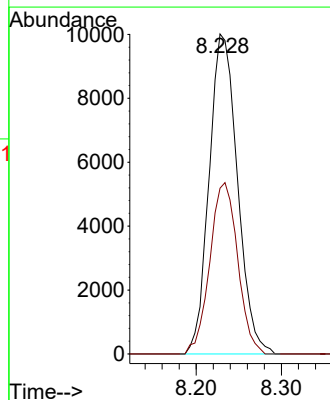
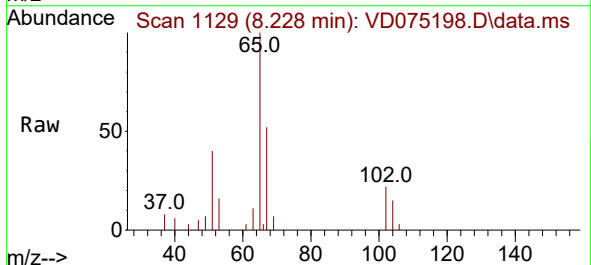
Instrument :
MSVOA_D
ClientSampleId :
TR-06-012323RE

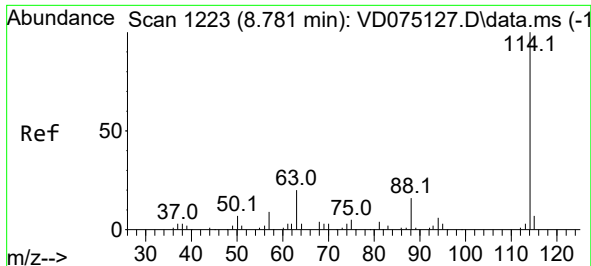
Tgt Ion: 56 Resp: 750
Ion Ratio Lower Upper
56 100
69 134.7 26.6 40.0#
84 80.8 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 70.299 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

Tgt Ion: 65 Resp: 23156
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075198.D

Acq: 25 Jan 2023 12:17

Instrument :

MSVOA_D

ClientSampleId :

TR-06-012323RE

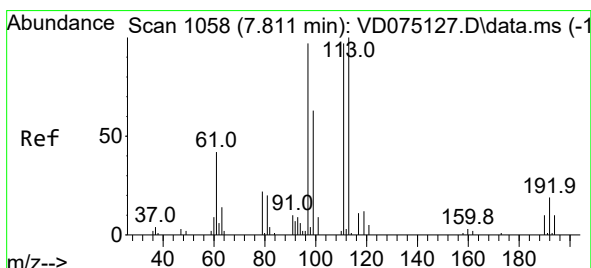
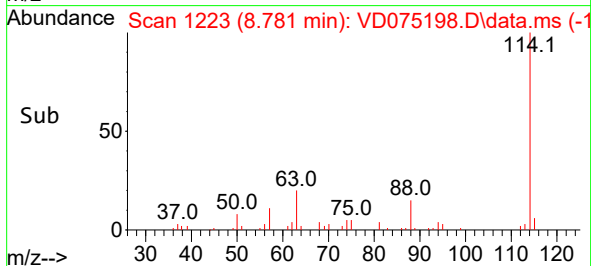
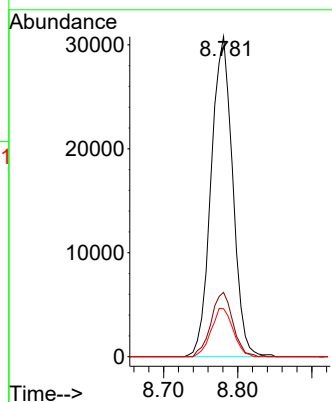
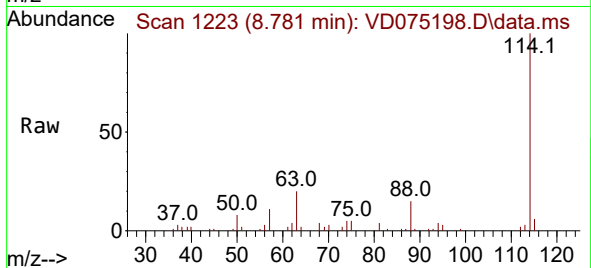
Tgt Ion:114 Resp: 62169

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.465 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075198.D

Acq: 25 Jan 2023 12:17

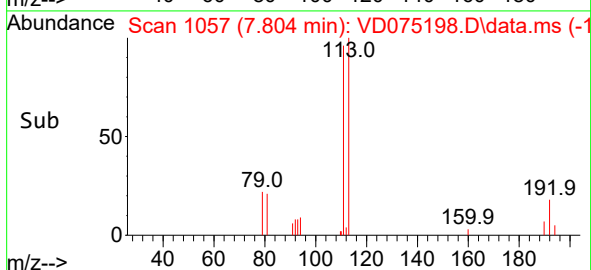
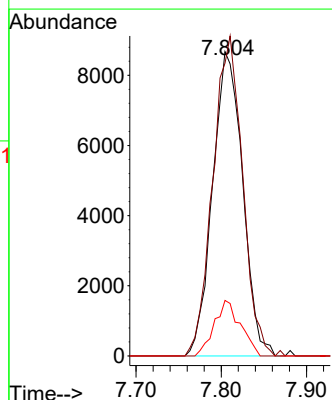
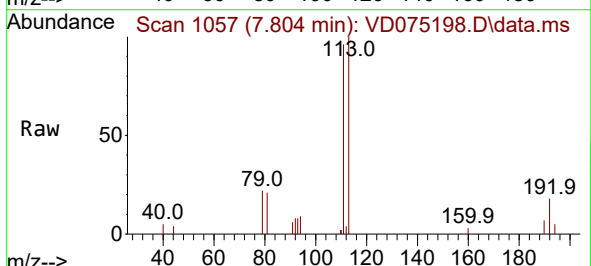
Tgt Ion:113 Resp: 21212

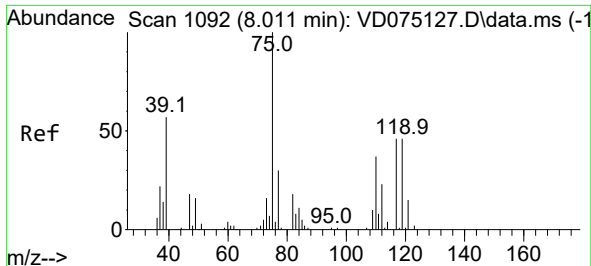
Ion Ratio Lower Upper

113 100

111 104.1 80.1 120.1

192 15.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.984 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD075198.D

Acq: 25 Jan 2023 12:17

Instrument :

MSVOA_D

ClientSampleId :

TR-06-012323RE

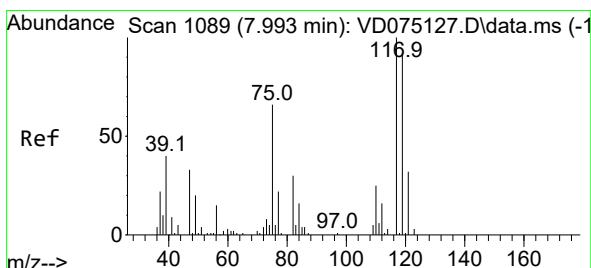
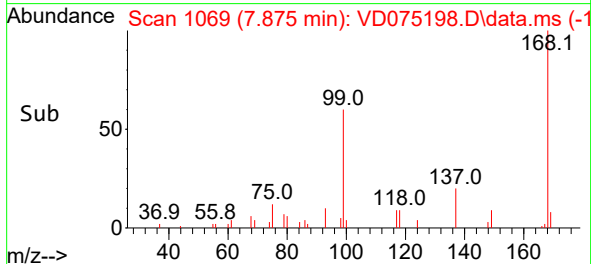
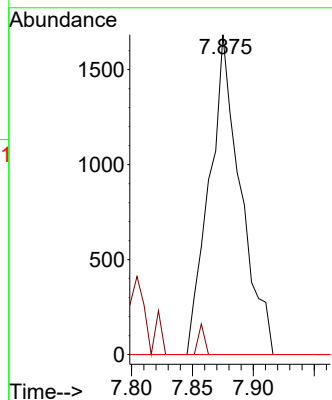
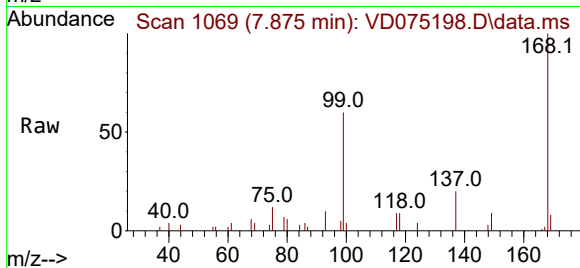
Tgt Ion: 75 Resp: 3008

Ion Ratio Lower Upper

75 100

110 1.9 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.958 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. -0.106 min

Lab File: VD075198.D

Acq: 25 Jan 2023 12:17

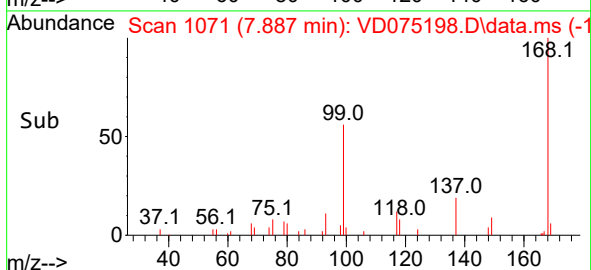
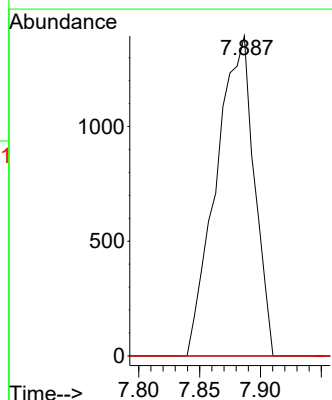
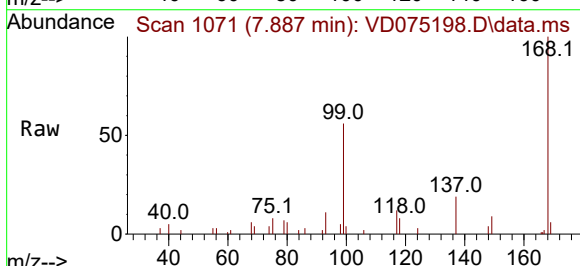
Tgt Ion: 117 Resp: 3028

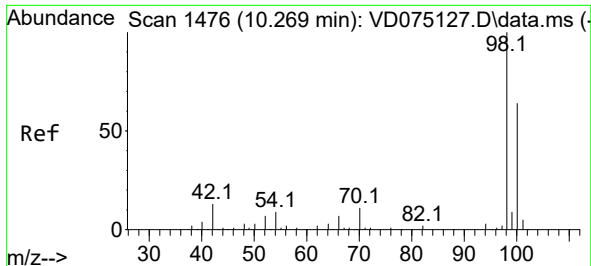
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

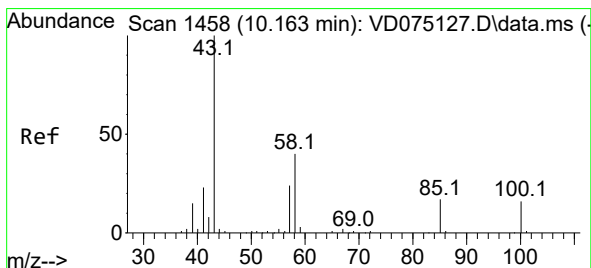
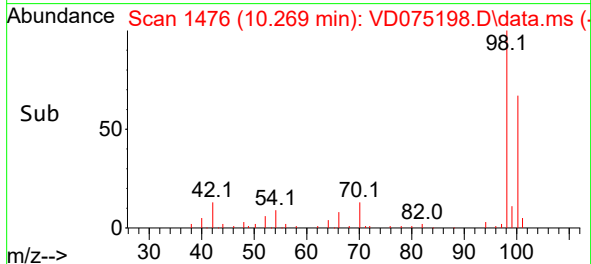
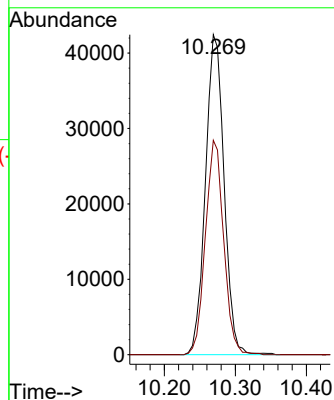
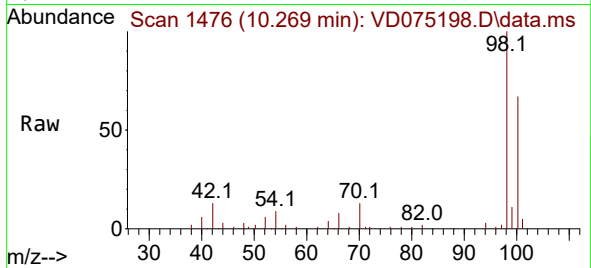




#50
Toluene-d8
Concen: 52.415 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

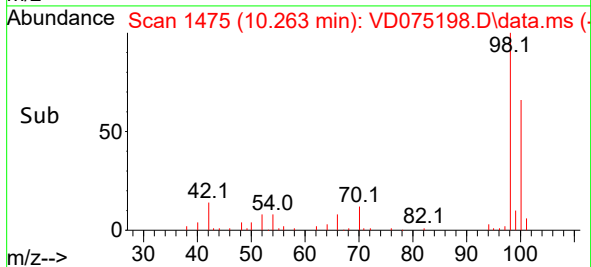
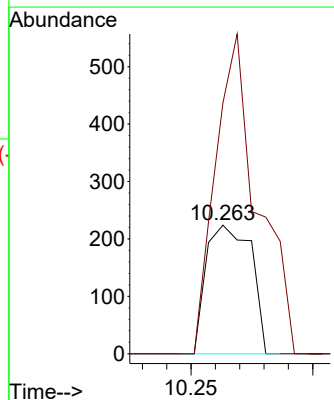
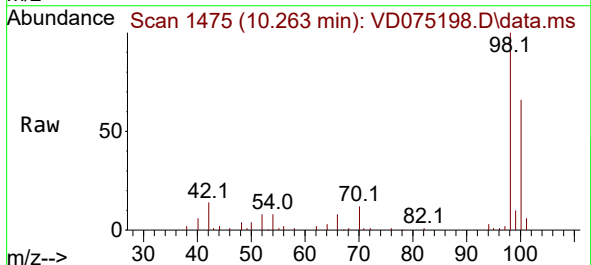
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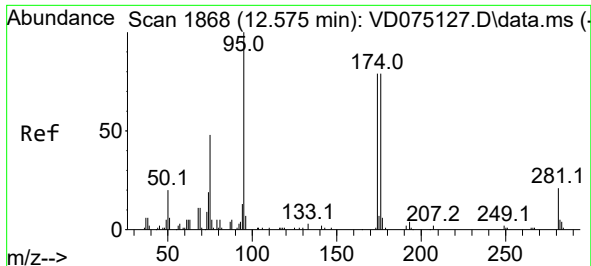
Tgt Ion: 98 Resp: 77530
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.263 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.100 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
58 234.5 31.4 47.0#

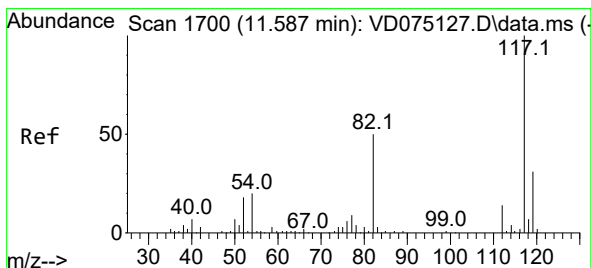
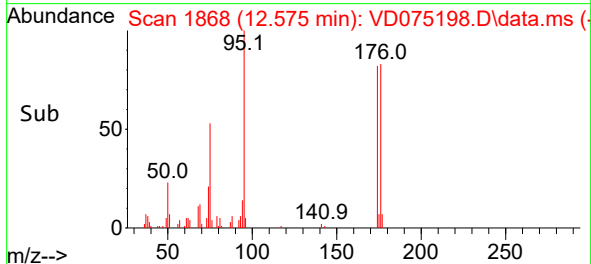
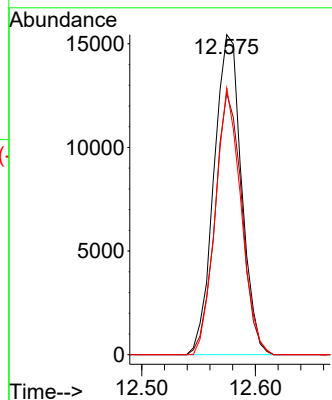
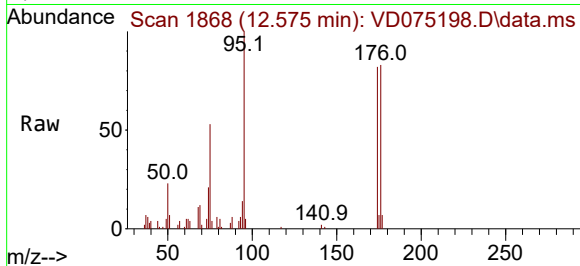




#62
4-Bromofluorobenzene
Concen: 55.481 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

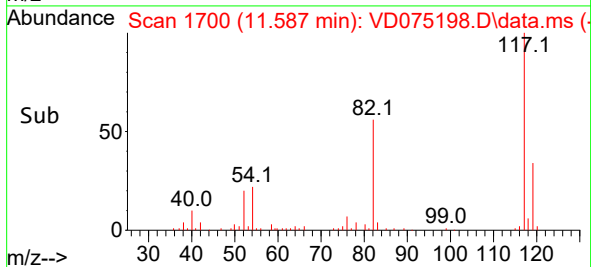
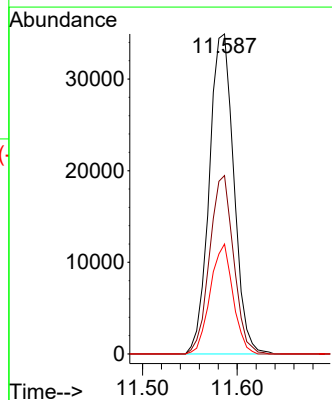
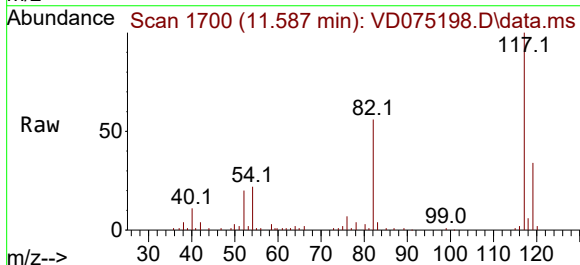
Instrument :
MSVOA_D
ClientSampleId :
TR-06-012323RE

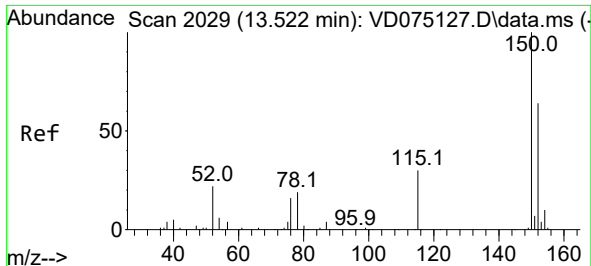
Tgt Ion: 95 Resp: 26045
Ion Ratio Lower Upper
95 100
174 79.7 0.0 161.2
176 77.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

Tgt Ion: 117 Resp: 62908
Ion Ratio Lower Upper
117 100
82 55.7 39.6 59.4
119 34.3 24.6 37.0

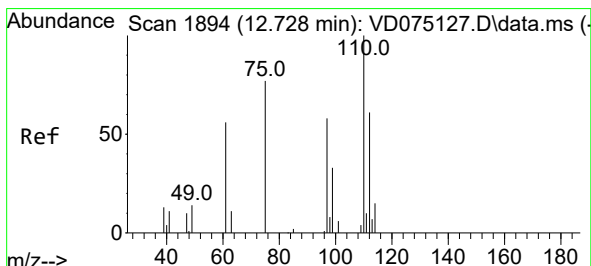
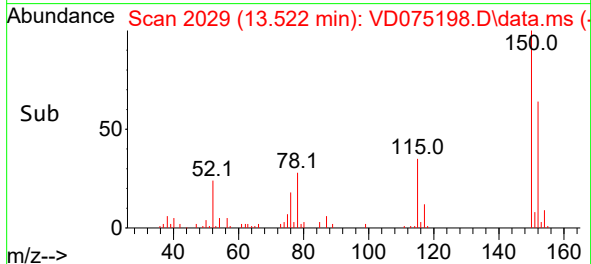
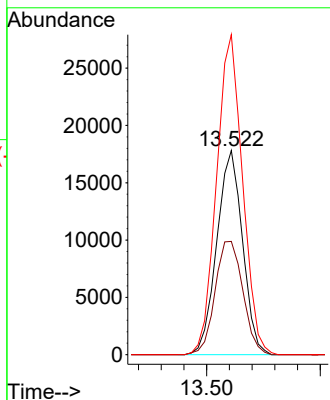
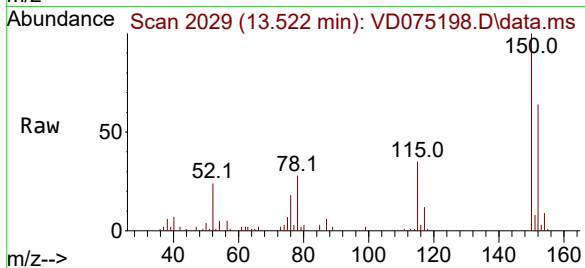




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075198.D
 Acq: 25 Jan 2023 12:17

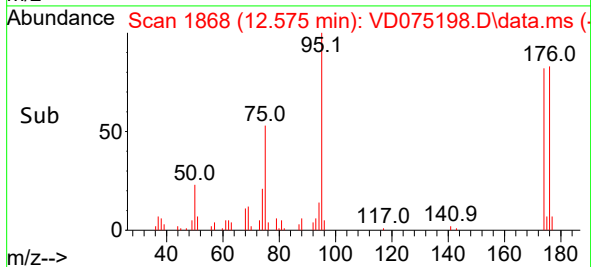
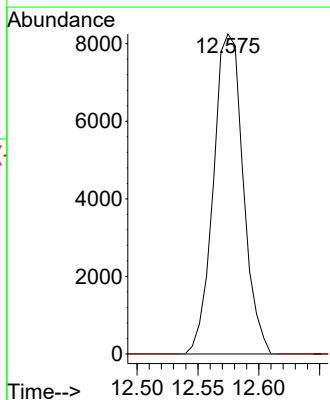
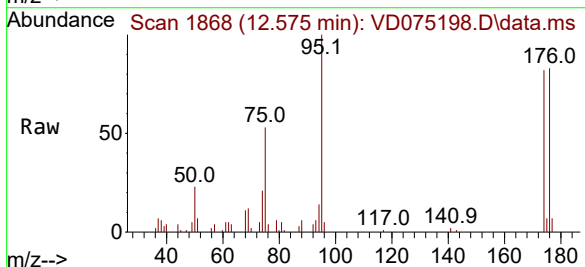
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-012323RE

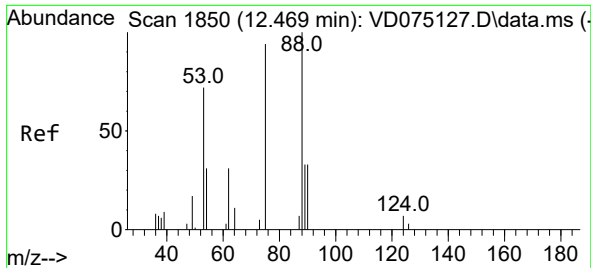
Tgt Ion:152 Resp: 28025
 Ion Ratio Lower Upper
 152 100
 115 59.9 28.8 86.4
 150 158.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 59.195 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075198.D
 Acq: 25 Jan 2023 12:17

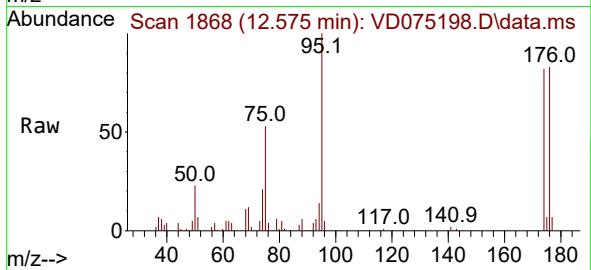
Tgt Ion: 75 Resp: 14050
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.307 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075198.D
 Acq: 25 Jan 2023 12:17

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-012323RE



Tgt Ion: 75 Resp: 14050
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

