

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075737.D
 Acq On : 18 Apr 2023 20:10
 Operator : KP/SY
 Sample : 02388-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-1RE

Quant Time: Apr 19 01:25:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

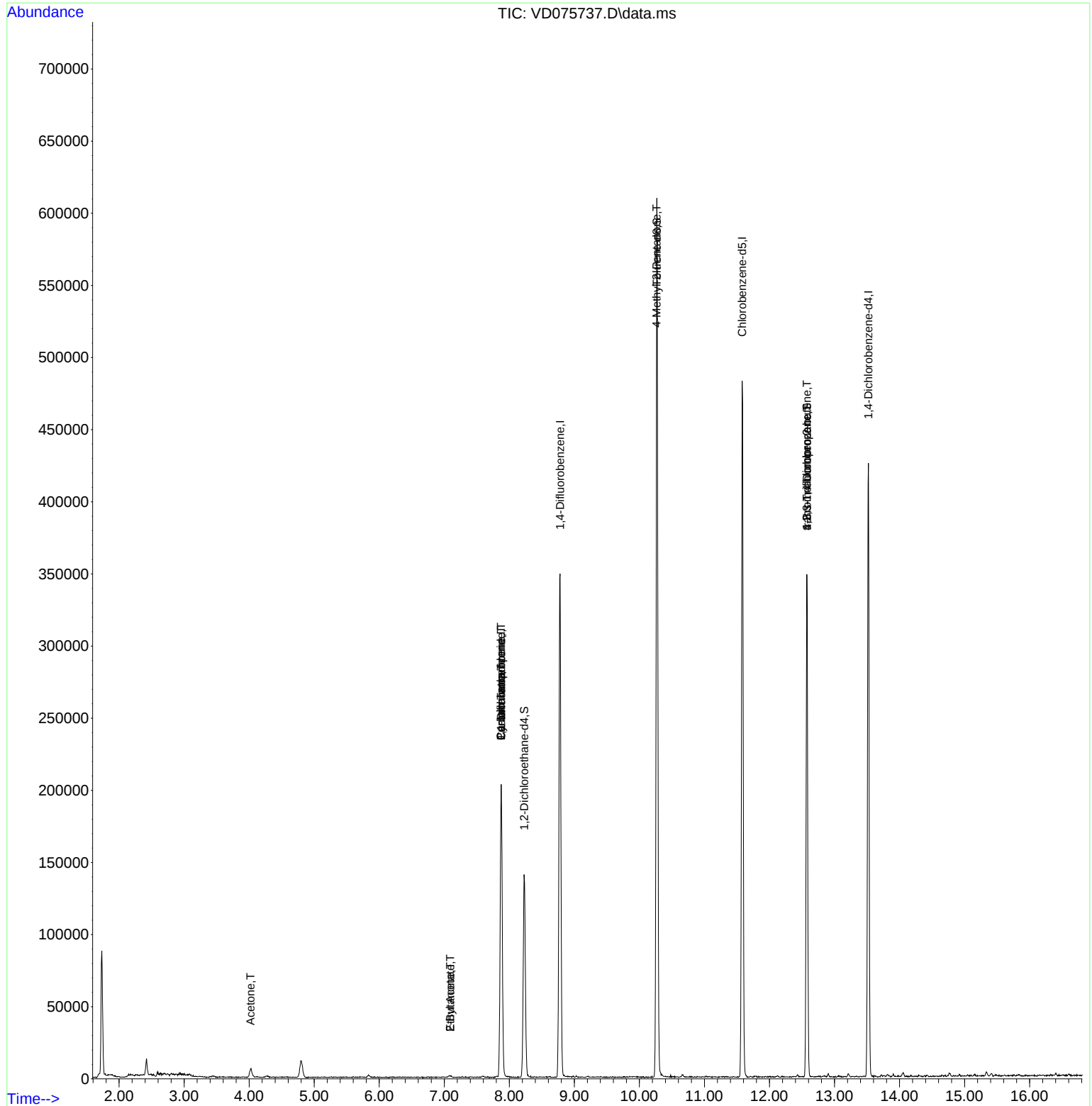
Internal Standards						
1) Pentafluorobenzene	7.875	168	165123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	342672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	125434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	108185	69.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.040%			
35) Dibromofluoromethane	7.816	113	586	0.254	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 0.500%#			
50) Toluene-d8	10.269	98	438362	47.494	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.980%			
62) 4-Bromofluorobenzene	12.575	95	112189	45.731	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.460%			
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	9535	33.207	ug/l #	63
25) 2-Butanone	7.093	43	1399	3.784	ug/l #	62
31) Cyclohexane	7.875	56	2988	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12712	3.998	ug/l #	46
37) Ethyl Acetate	7.093	43	1399	1.446	ug/l #	80
38) Carbon Tetrachloride	7.875	117	14930	5.332	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	1462	1.554	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	53446	52.249	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53446	113.245	ug/l #	5

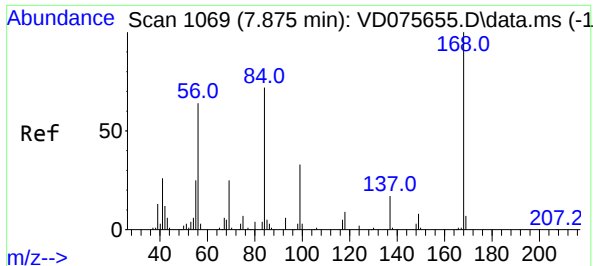
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD075737.D
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Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CC-1RE

Quant Time: Apr 19 01:25:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

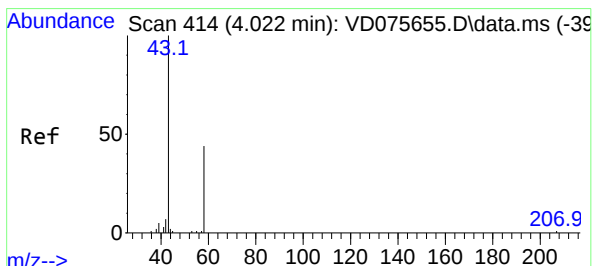
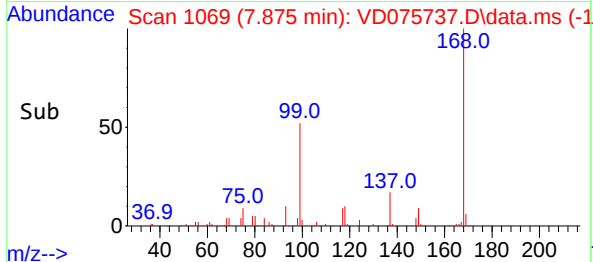
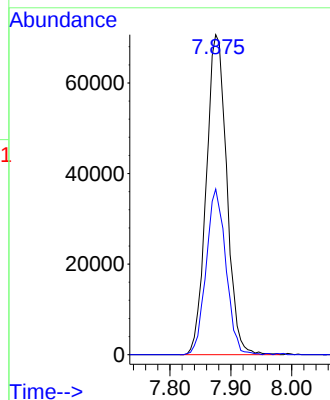
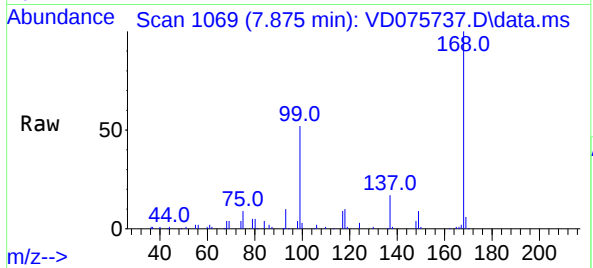




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

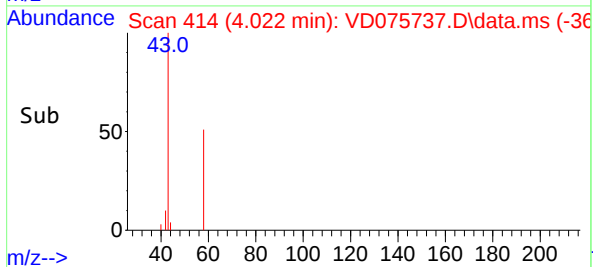
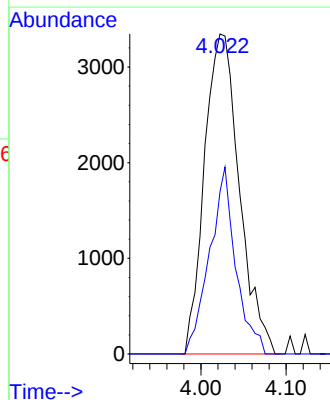
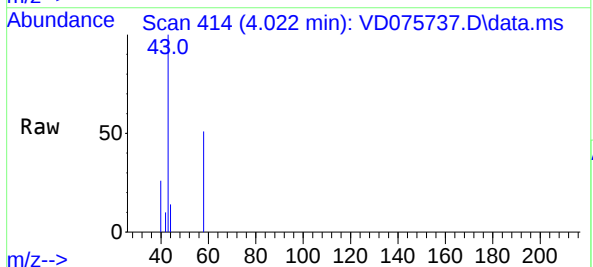
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE

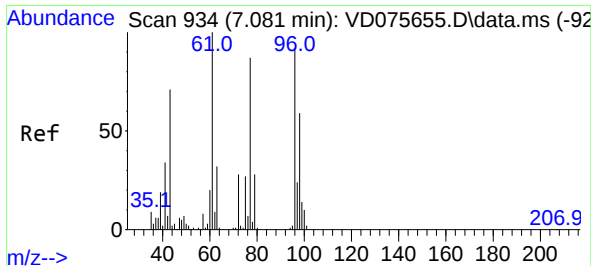
Tgt Ion:168 Resp: 165123
Ion Ratio Lower Upper
168 100
99 51.8 43.8 65.6



#16
Acetone
Concen: 33.207 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

Tgt Ion: 43 Resp: 9535
Ion Ratio Lower Upper
43 100
58 50.8 24.4 36.6#

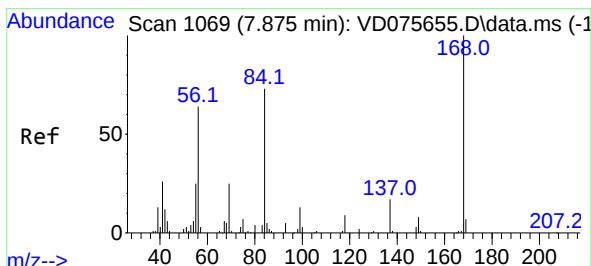
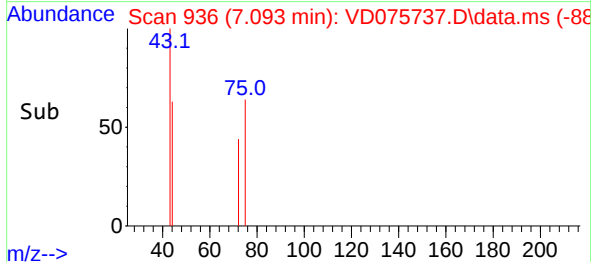
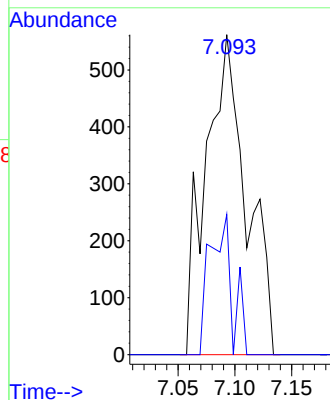
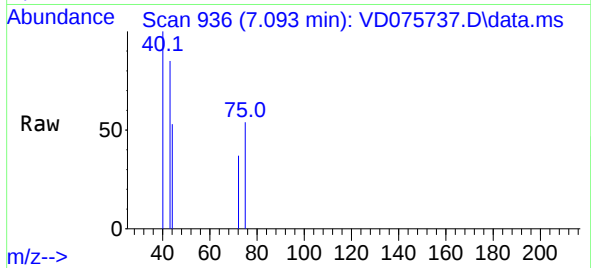




#25
2-Butanone
Concen: 3.784 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

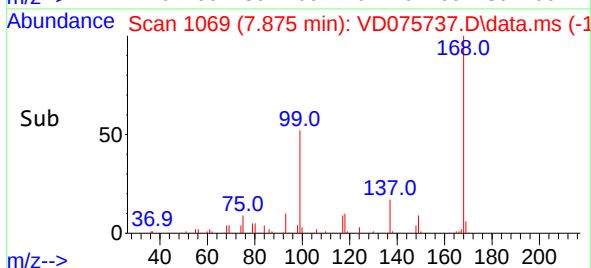
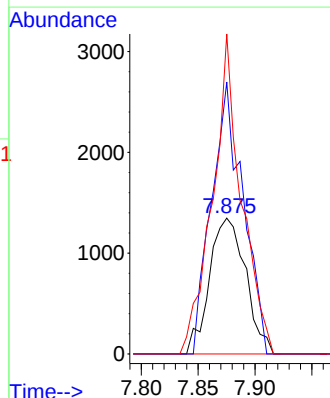
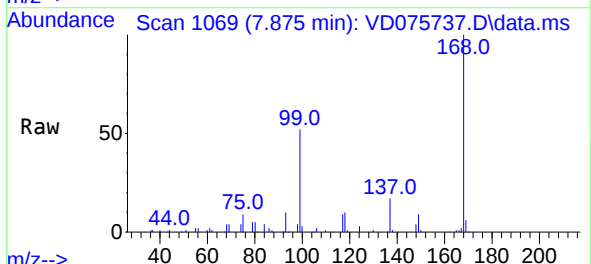
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE

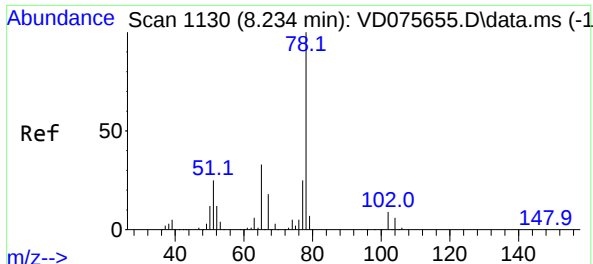
Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
72 43.8 19.8 29.8#



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

Tgt Ion: 56 Resp: 2988
Ion Ratio Lower Upper
56 100
69 200.2 25.5 38.3#
84 235.5 69.6 104.4#

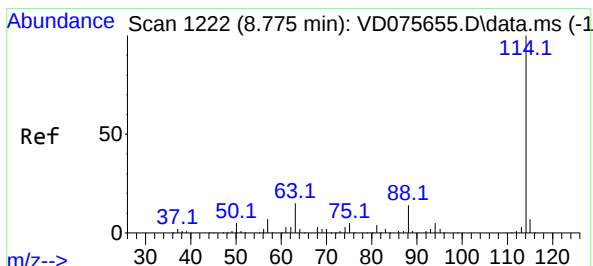
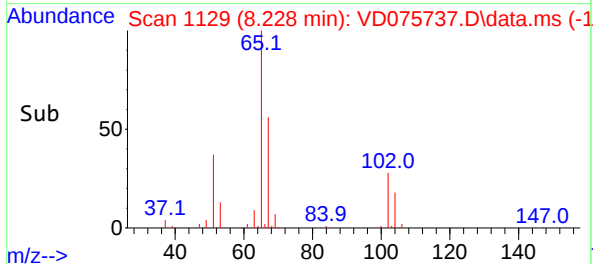
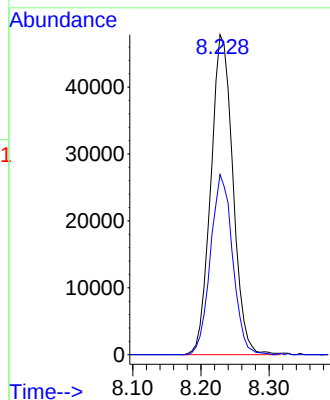
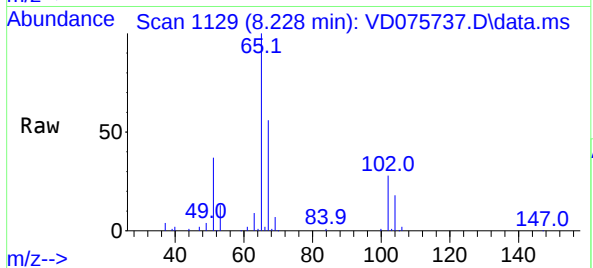




#33
1,2-Dichloroethane-d4
Concen: 69.025 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

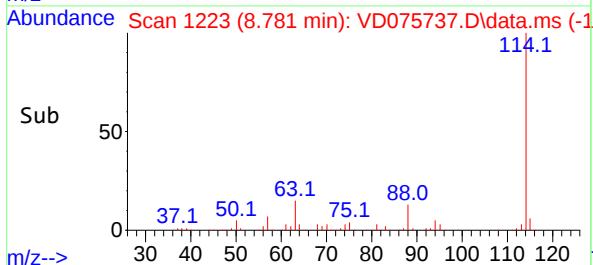
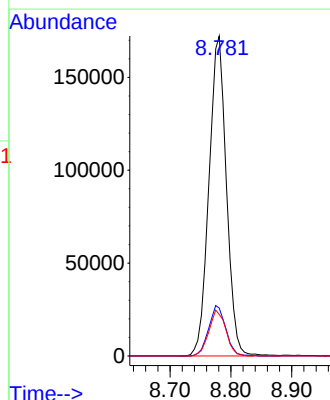
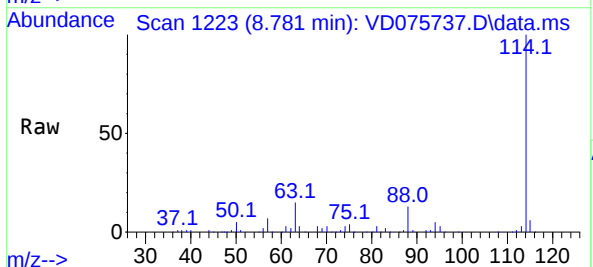
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE

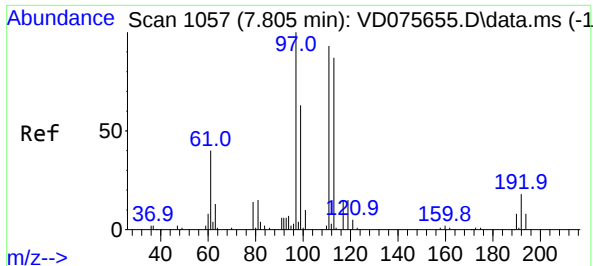
Tgt Ion: 65 Resp: 108185
Ion Ratio Lower Upper
65 100
67 56.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

Tgt Ion: 114 Resp: 342672
Ion Ratio Lower Upper
114 100
63 14.9 0.0 41.6
88 12.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 0.254 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.011 min

Lab File: VD075737.D

Acq: 18 Apr 2023 20:10

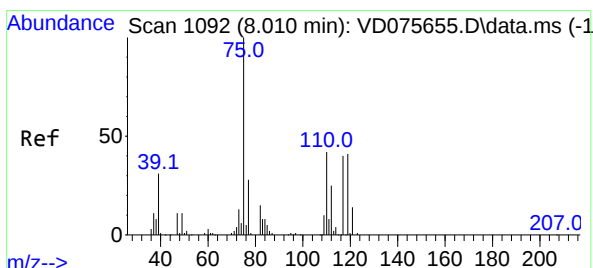
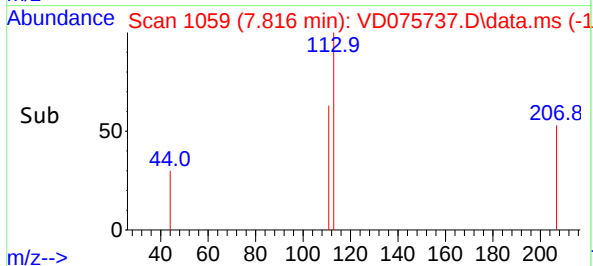
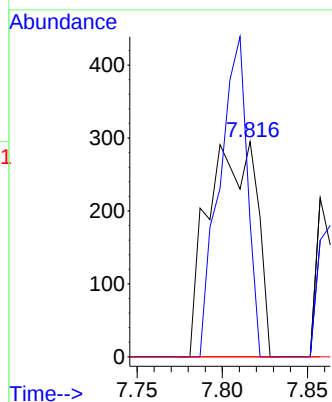
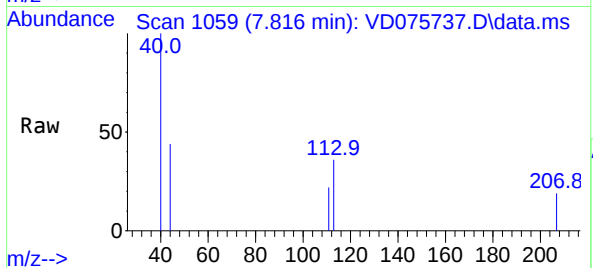
Instrument :

MSVOA_D

ClientSampleId :

CC-1RE

Tgt Ion:	113	Resp:	586
Ion	Ratio	Lower	Upper
113	100		
111	85.2	81.4	122.0
192	0.0	15.2	22.8#



#36

1,1-Dichloropropene

Concen: 3.998 ug/l

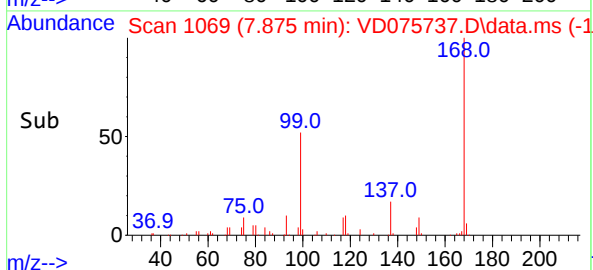
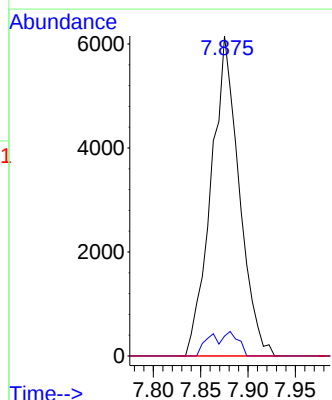
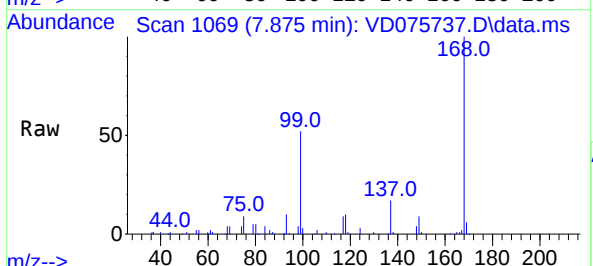
RT: 7.875 min Scan# 1069

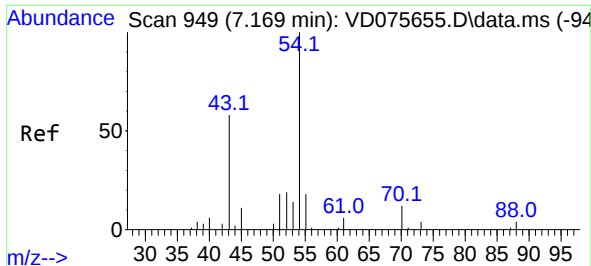
Delta R.T. -0.135 min

Lab File: VD075737.D

Acq: 18 Apr 2023 20:10

Tgt Ion:	75	Resp:	12712
Ion	Ratio	Lower	Upper
75	100		
110	4.1	17.1	51.2#
77	0.0	24.6	36.8#

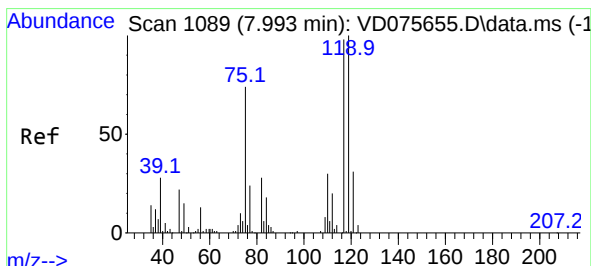
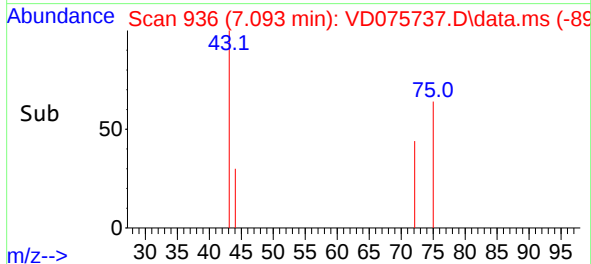
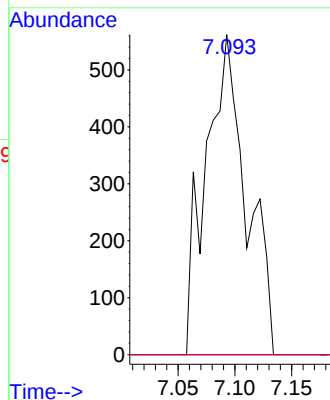
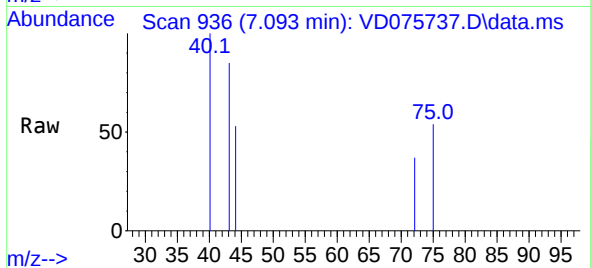




#37
Ethyl Acetate
Concen: 1.446 ug/l
RT: 7.093 min Scan# 91
Delta R.T. -0.076 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

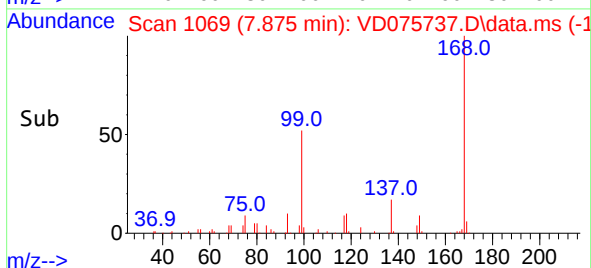
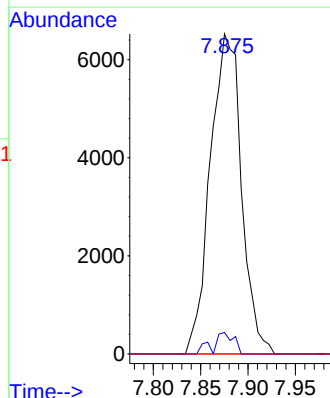
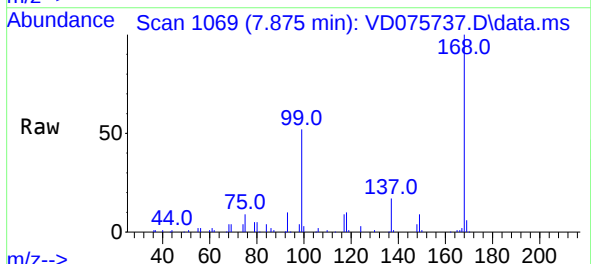
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE

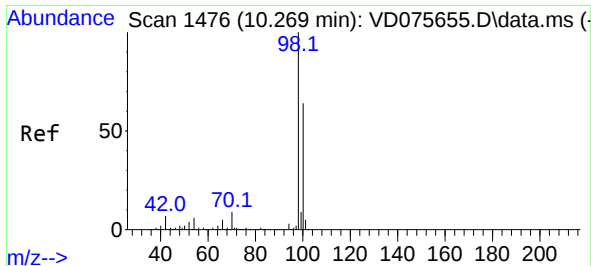
Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 0.0 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 5.332 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

Tgt Ion: 117 Resp: 14930
Ion Ratio Lower Upper
117 100
119 6.7 74.7 112.1#
121 0.0 25.9 38.9#

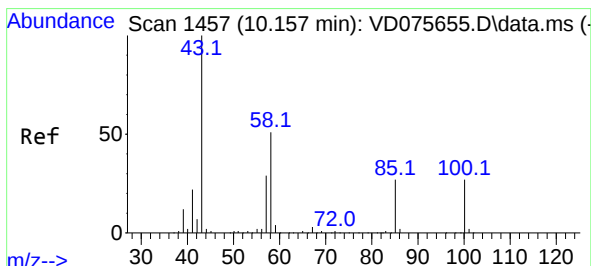
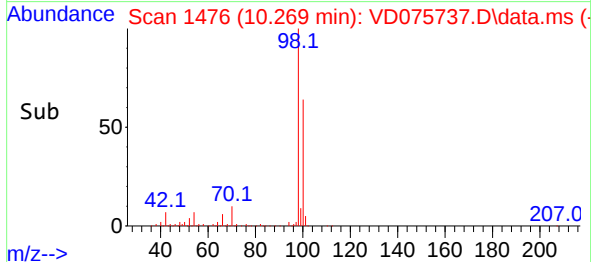
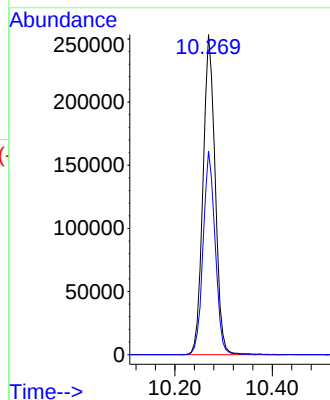
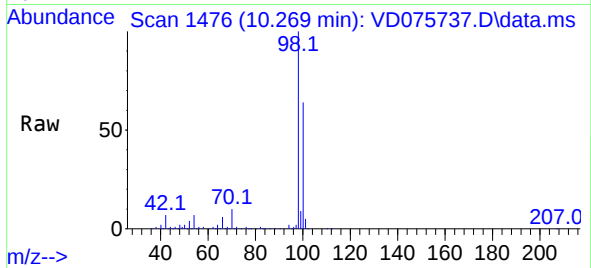




#50
Toluene-d8
Concen: 47.494 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

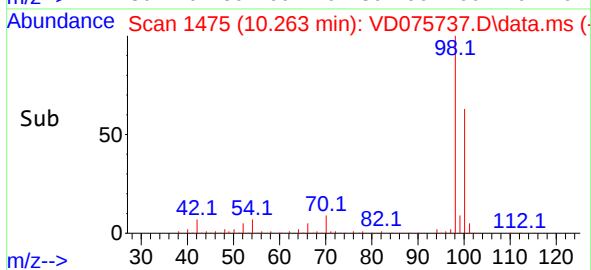
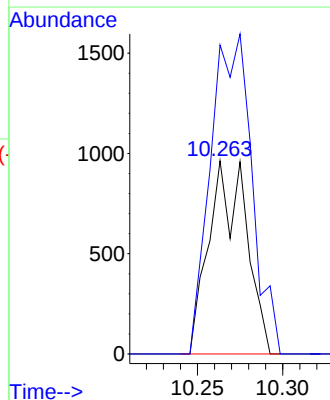
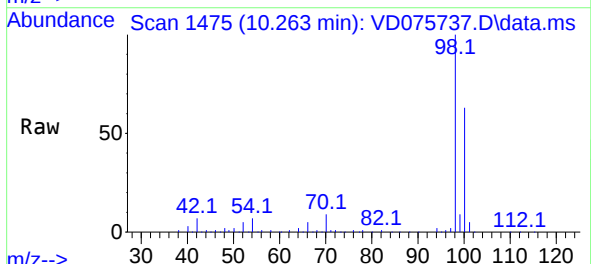
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE

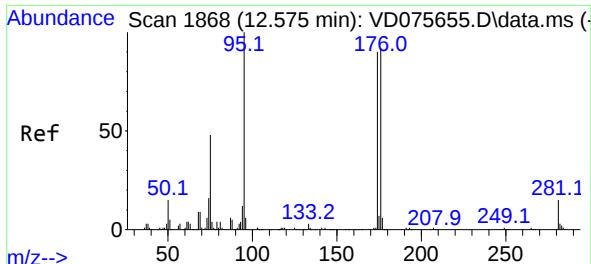
Tgt Ion: 98 Resp: 438362
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.554 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 183.0 29.5 44.3#

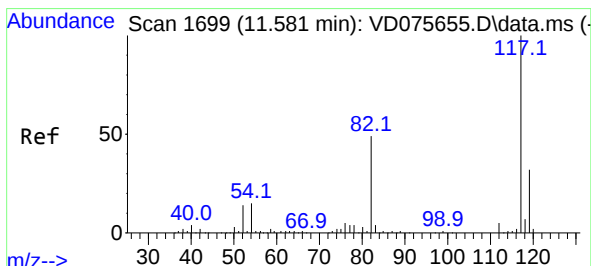
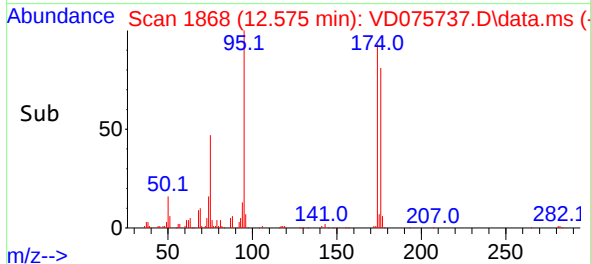
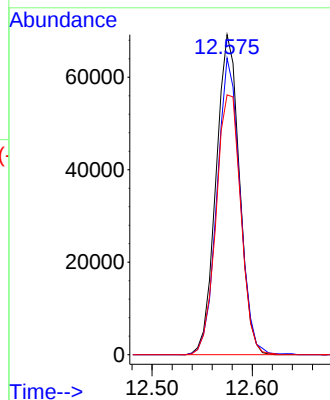
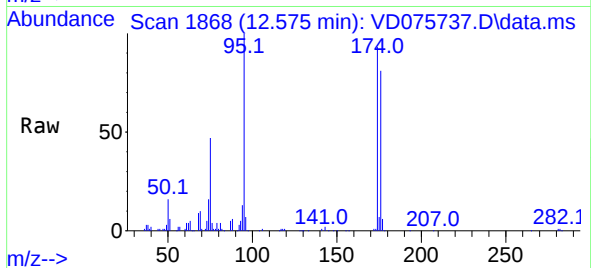




#62
4-Bromofluorobenzene
Concen: 45.731 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

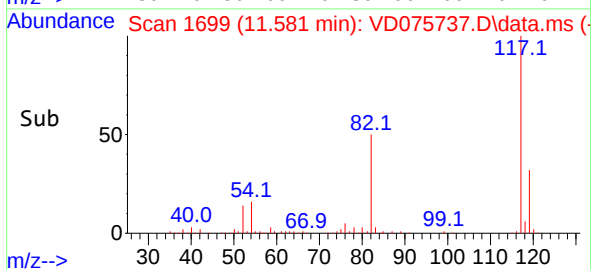
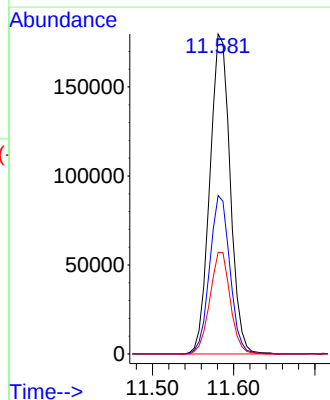
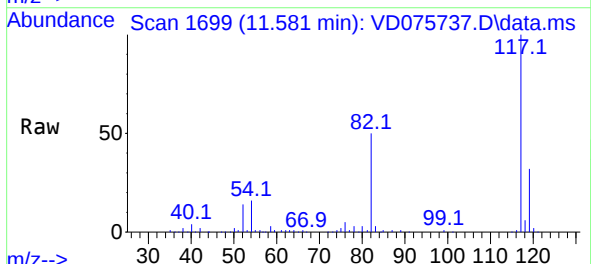
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE

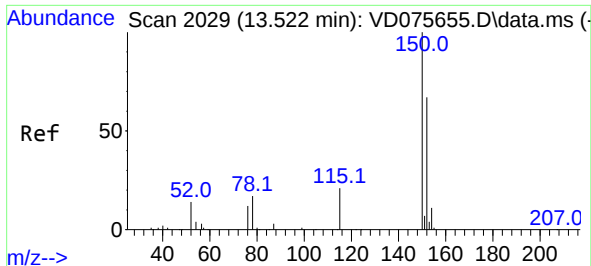
Tgt Ion: 95 Resp: 112189
Ion Ratio Lower Upper
95 100
174 91.1 0.0 164.0
176 85.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

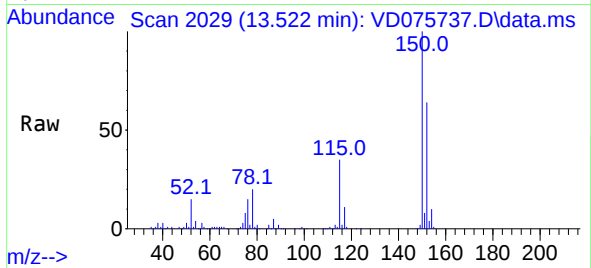
Tgt Ion: 117 Resp: 312740
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 31.7 25.1 37.7



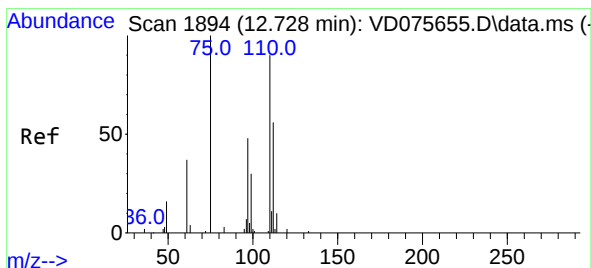
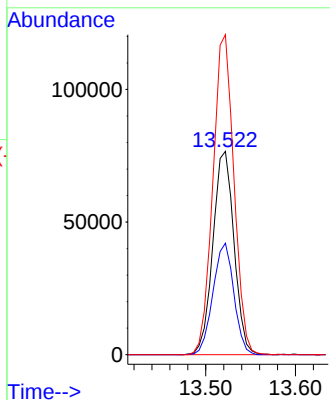
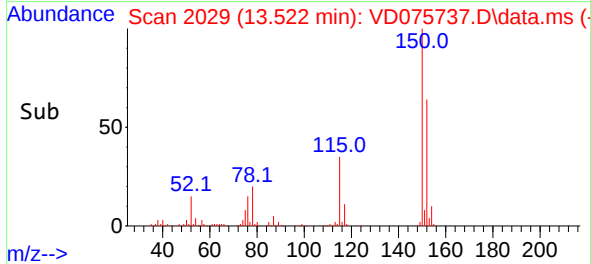


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

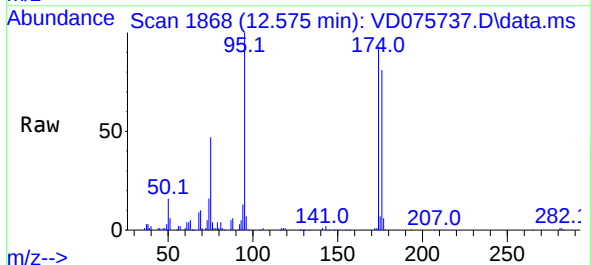
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE



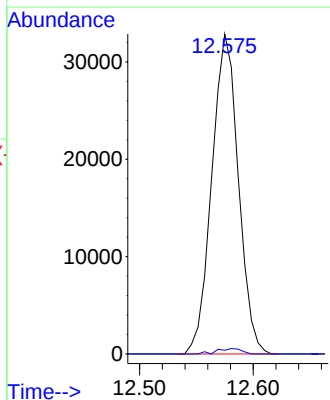
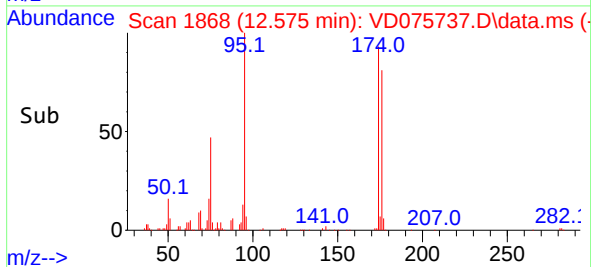
Tgt Ion:152 Resp: 125434
Ion Ratio Lower Upper
152 100
115 54.2 30.1 90.3
150 156.6 0.0 364.8

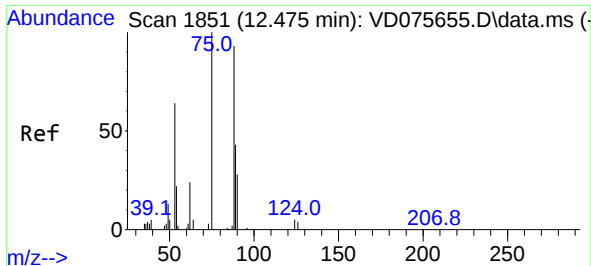


#76
1,2,3-Trichloropropane
Concen: 52.249 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10



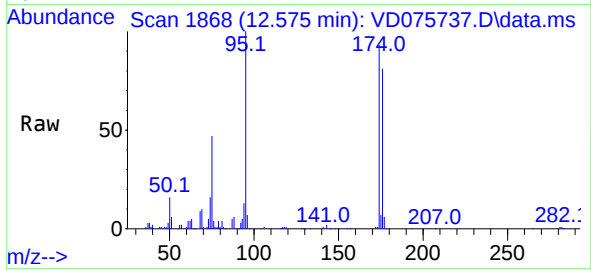
Tgt Ion: 75 Resp: 53446
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.245 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

Instrument :
MSVOA_D
ClientSampleId :
CC-1RE



Tgt Ion: 75 Resp: 53446
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

