

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074621.D
 Acq On : 21 Oct 2022 17:44
 Operator : VA/SY
 Sample : N5229-03RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LRH-COMP-2RE

Quant Time: Oct 21 23:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

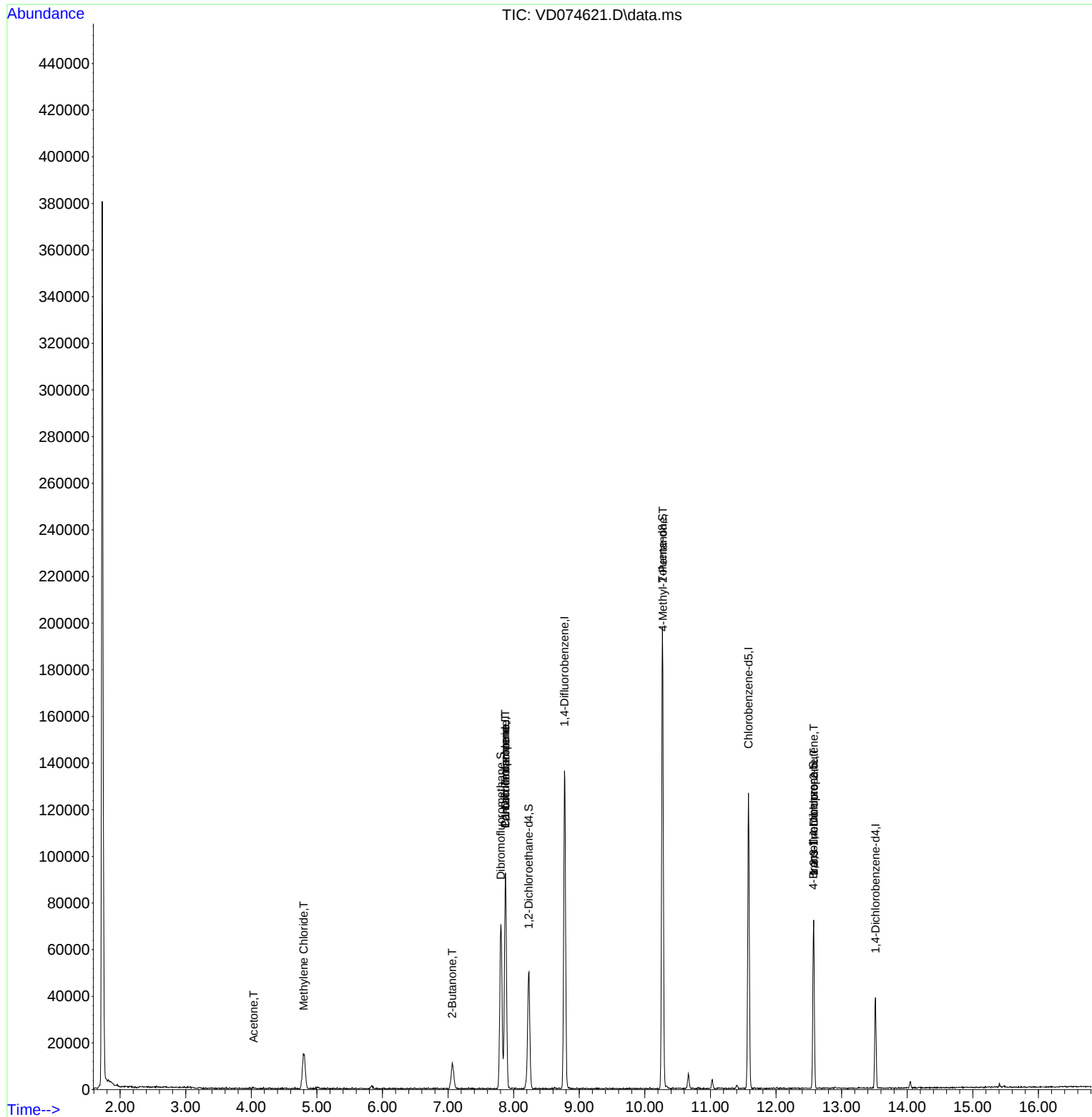
Internal Standards						
1) Pentafluorobenzene	7.875	168	76765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	134182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	80287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	12015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39329	67.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.200%
35) Dibromofluoromethane	7.805	113	51845	70.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.360%
50) Toluene-d8	10.269	98	146758	54.645	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.280%
62) 4-Bromofluorobenzene	12.569	95	19493	24.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	48.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.034	59	137	Below Cal	#	84
16) Acetone	4.034	43	447	3.493	ug/l #	37
20) Methylene Chloride	4.799	84	13716	4.830	ug/l #	87
25) 2-Butanone	7.063	43	262	1.531	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	5025	4.169	ug/l #	46
38) Carbon Tetrachloride	7.875	117	7358	6.234	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	411	1.169	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	9991	95.233	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	9991	243.367	ug/l #	17

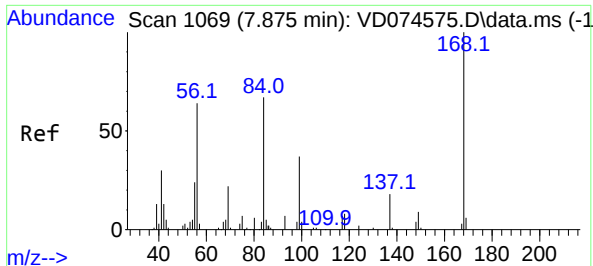
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

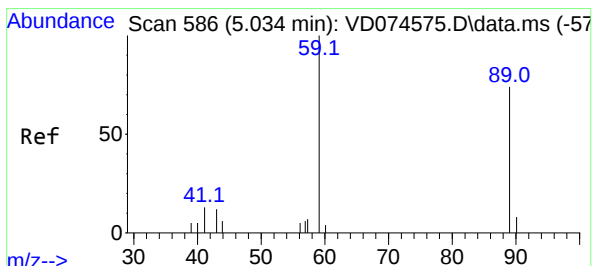
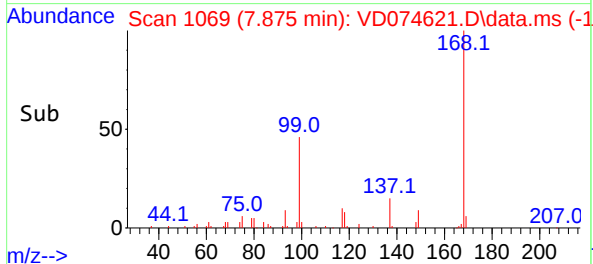
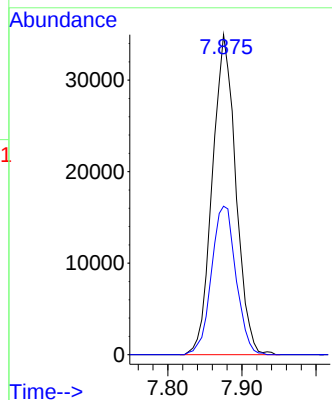
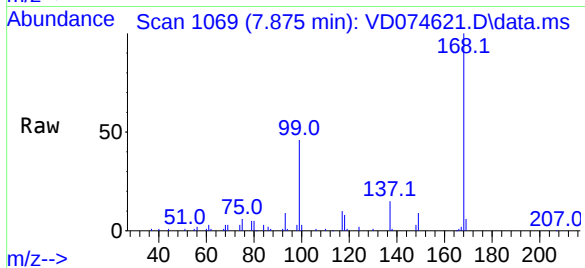




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

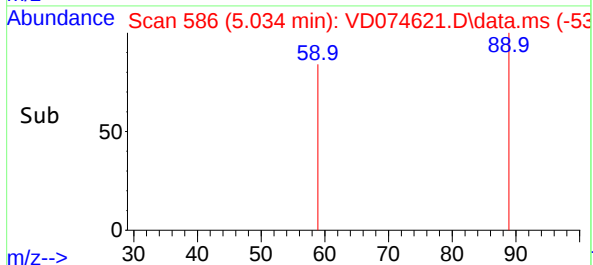
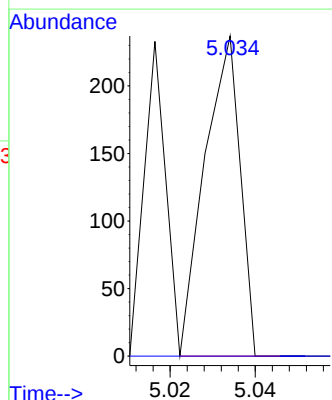
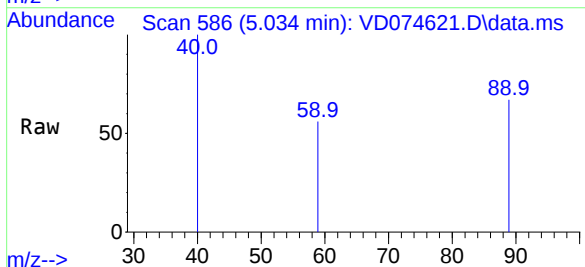
Instrument :
MSVOA_D
ClientSampleId :
LRH-COMP-2RE

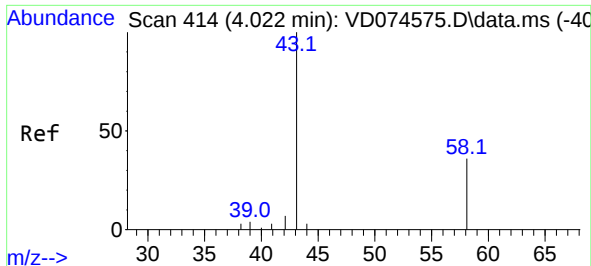
Tgt Ion:168 Resp: 76765
Ion Ratio Lower Upper
168 100
99 46.4 40.9 61.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.034 min Scan# 586
Delta R.T. -0.018 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

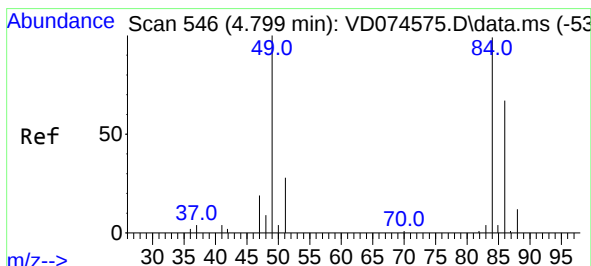
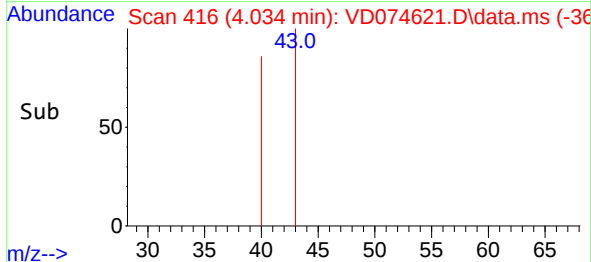
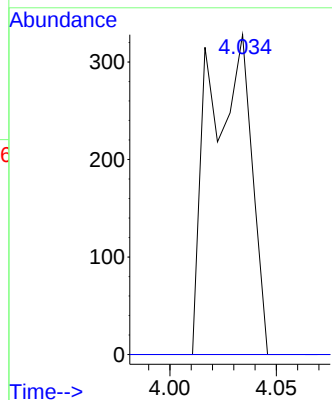
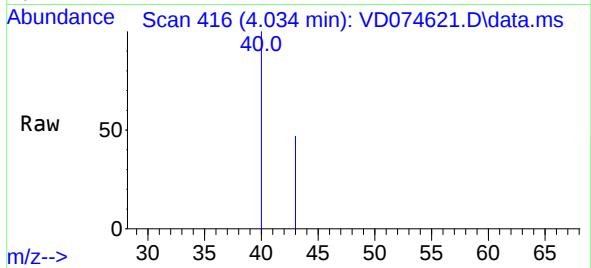




#16
Acetone
Concen: 3.493 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

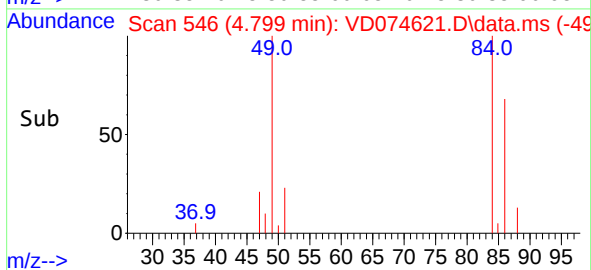
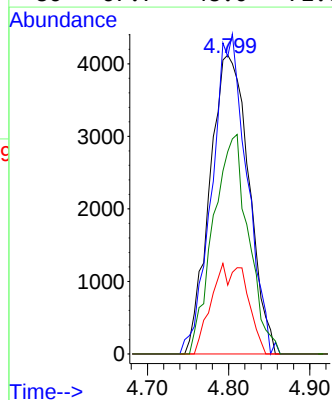
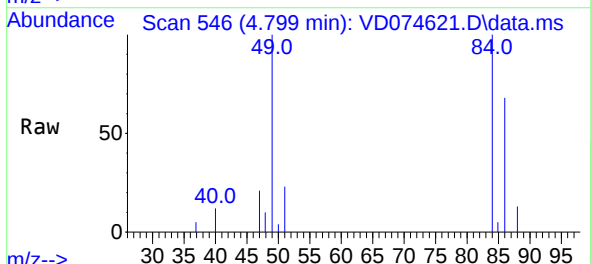
Instrument :
MSVOA_D
ClientSampleId :
LRH-COMP-2RE

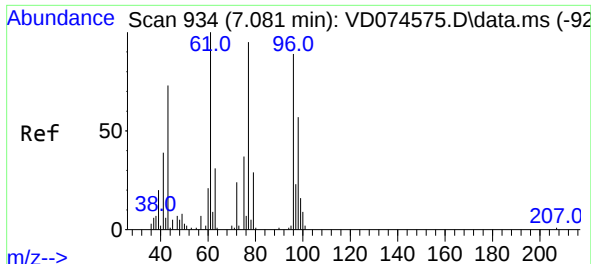
Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 4.830 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

Tgt Ion: 84 Resp: 13716
Ion Ratio Lower Upper
84 100
49 99.5 68.0 102.0
51 23.0 23.2 34.8#
86 67.7 48.0 72.0

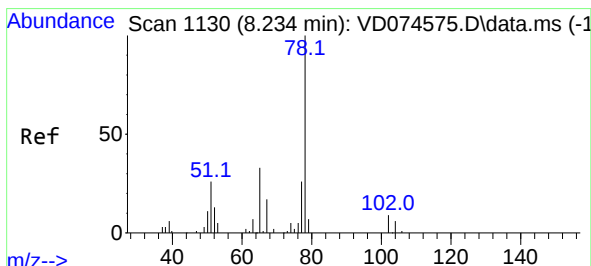
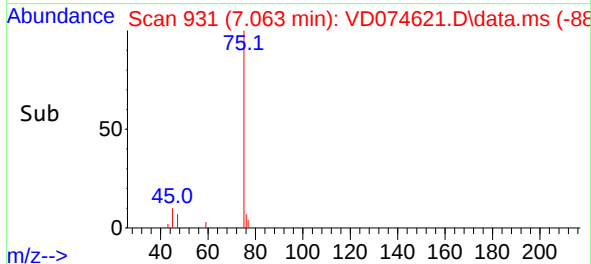
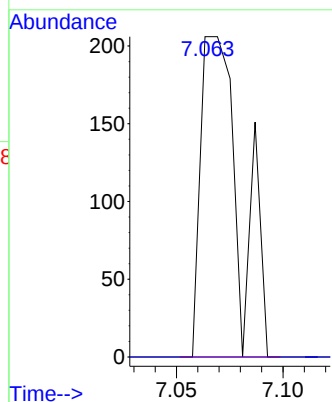
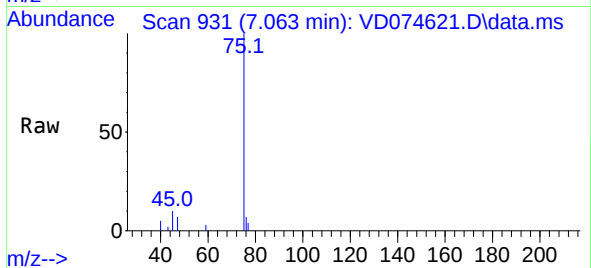




#25
2-Butanone
Concen: 1.531 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

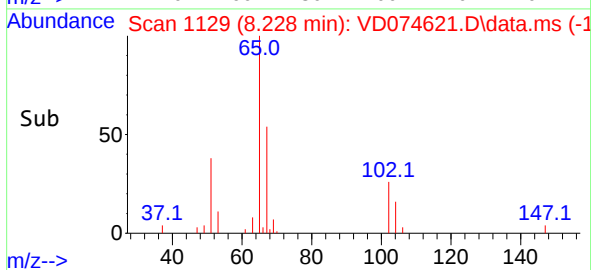
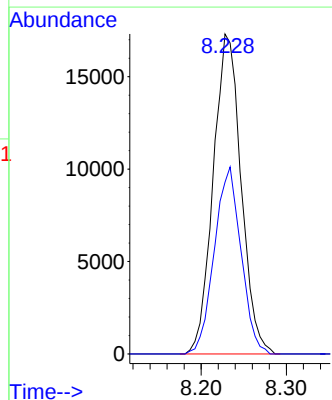
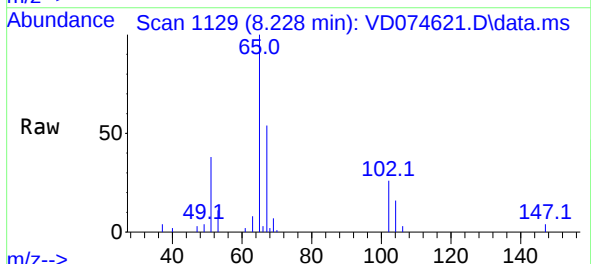
Instrument :
MSVOA_D
ClientSampleId :
LRH-COMP-2RE

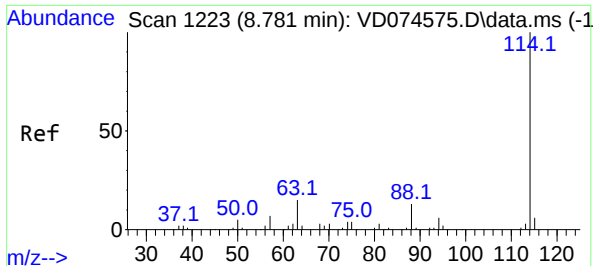
Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#33
1,2-Dichloroethane-d4
Concen: 67.104 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

Tgt Ion: 65 Resp: 39329
Ion Ratio Lower Upper
65 100
67 55.9 0.0 110.2

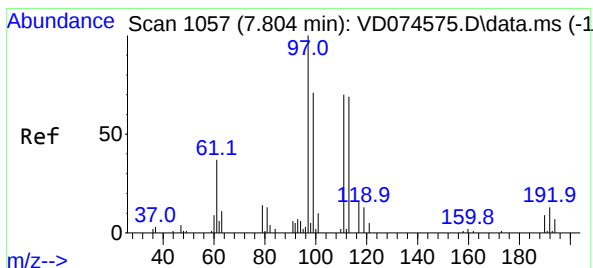
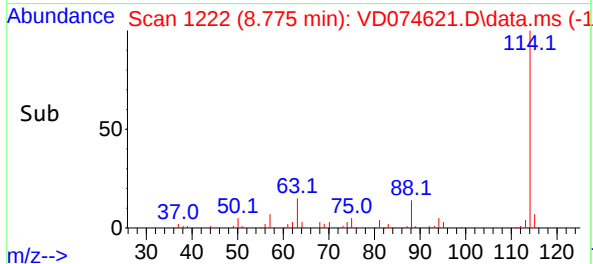
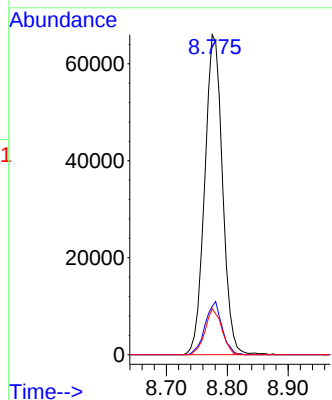
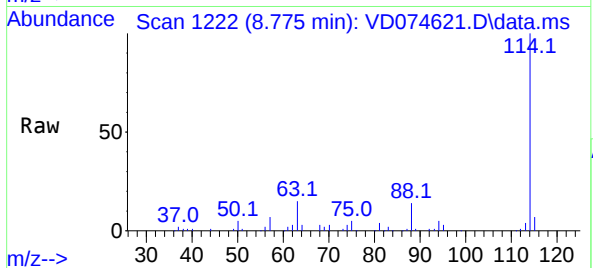




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

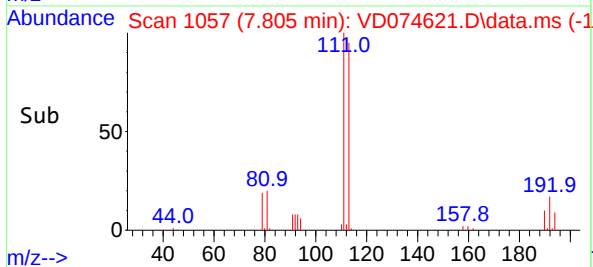
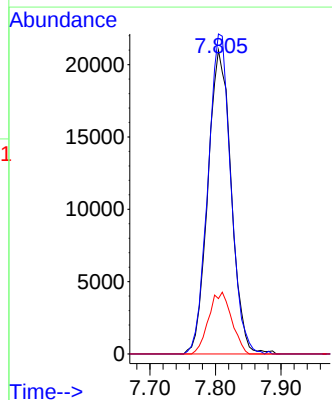
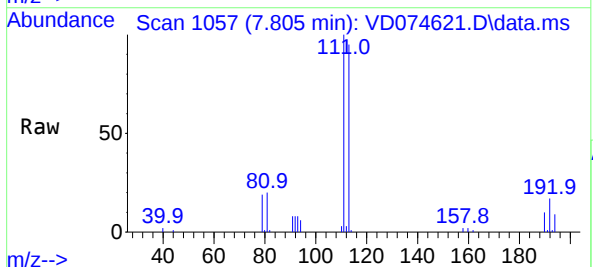
Instrument :
MSVOA_D
ClientSampleId :
LRH-COMP-2RE

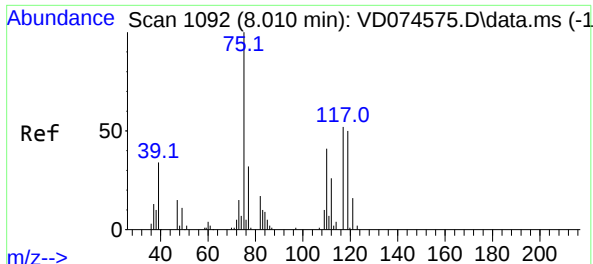
Tgt Ion:114 Resp: 134182
Ion Ratio Lower Upper
114 100
63 15.1 0.0 33.2
88 14.4 0.0 28.2



#35
Dibromofluoromethane
Concen: 70.183 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

Tgt Ion:113 Resp: 51845
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.0 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.169 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074621.D

Acq: 21 Oct 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

LRH-COMP-2RE

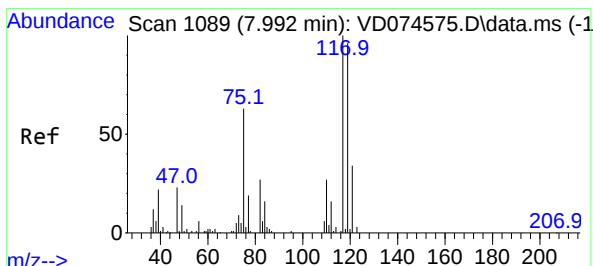
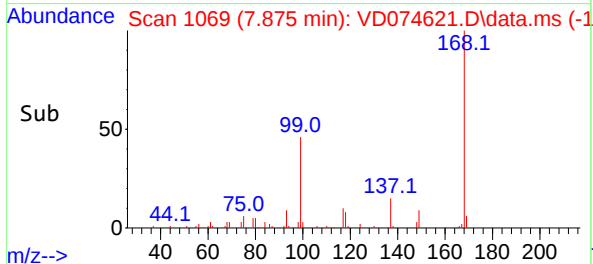
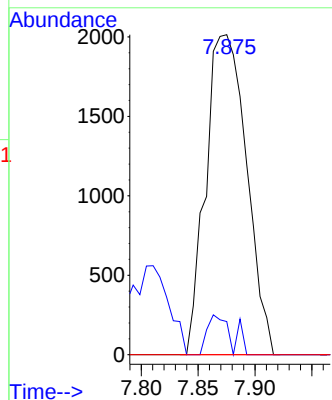
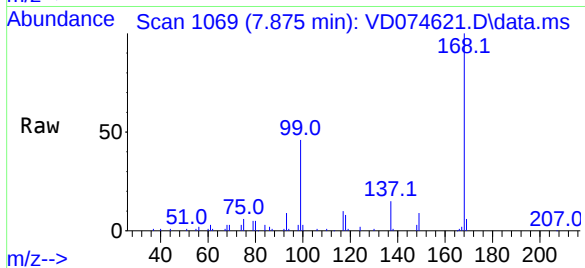
Tgt Ion: 75 Resp: 5025

Ion Ratio Lower Upper

75 100

110 7.5 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.234 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074621.D

Acq: 21 Oct 2022 17:44

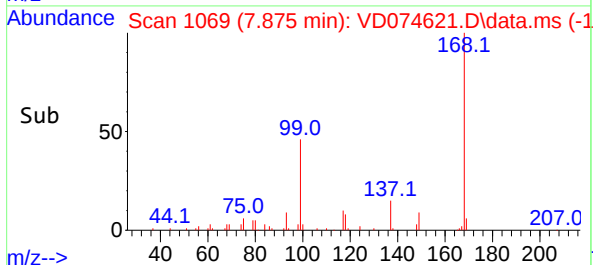
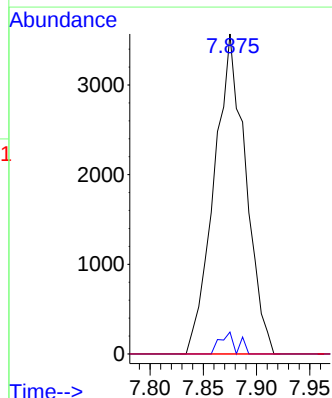
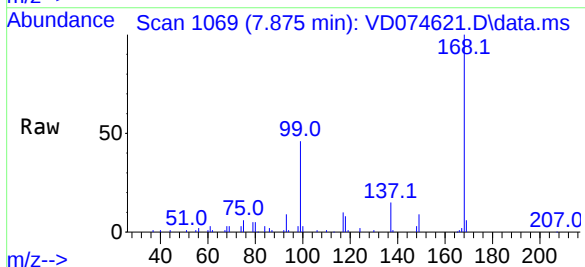
Tgt Ion: 117 Resp: 7358

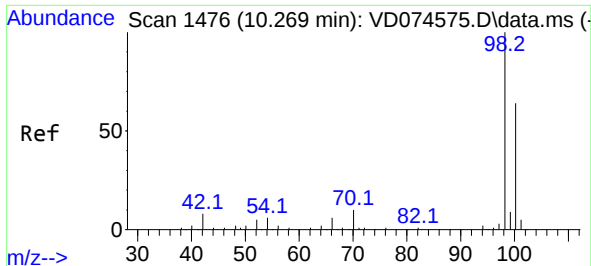
Ion Ratio Lower Upper

117 100

119 6.8 73.1 109.7#

121 0.0 25.0 37.6#

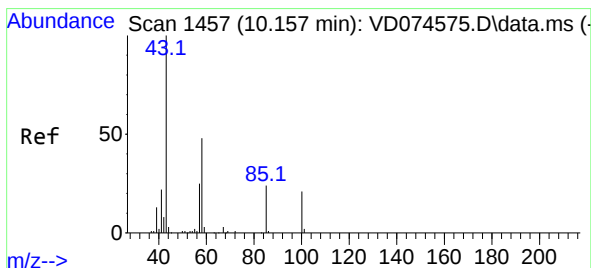
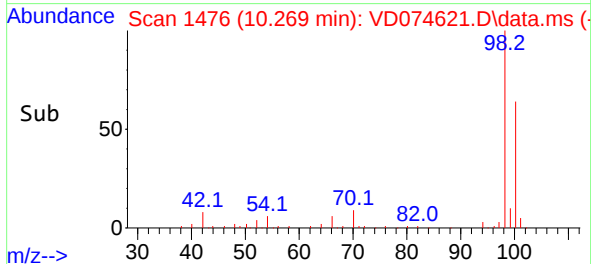
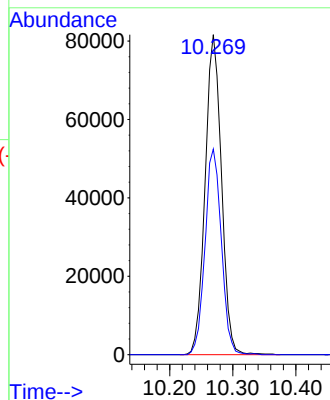
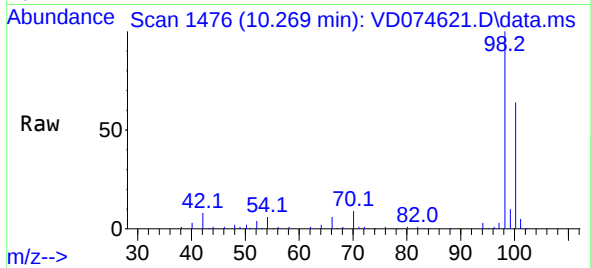




#50
Toluene-d8
Concen: 54.645 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

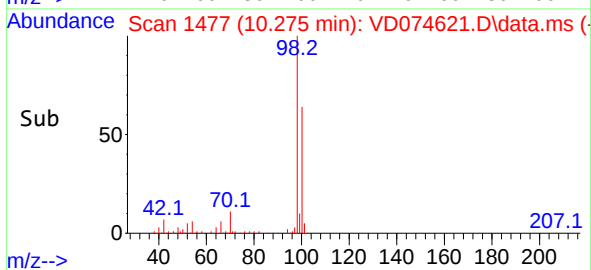
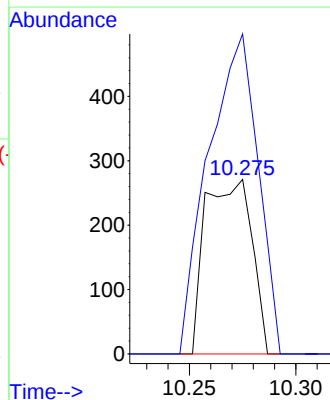
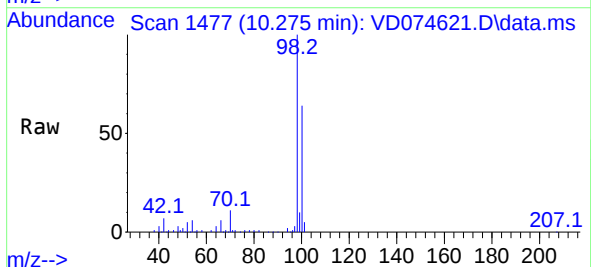
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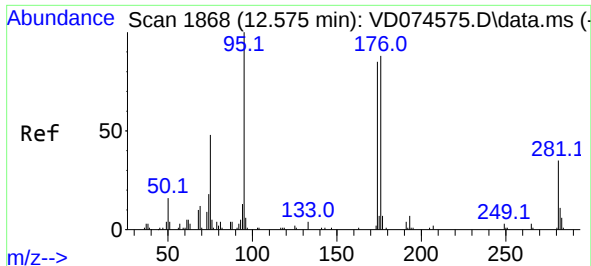
Tgt Ion: 98 Resp: 146758
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.169 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
58 195.4 37.8 56.6#

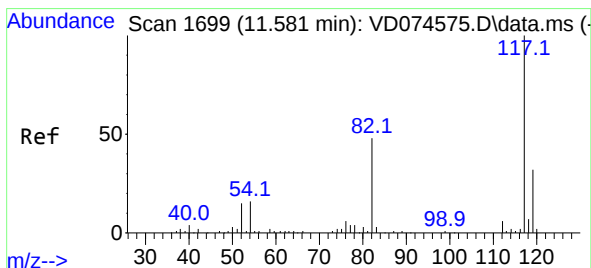
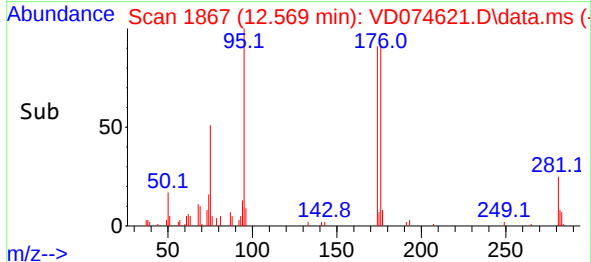
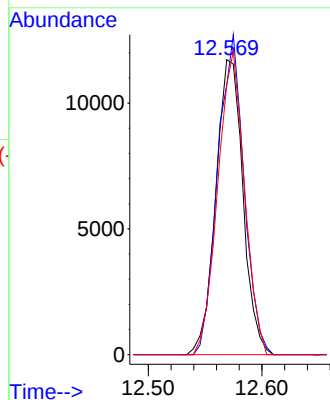
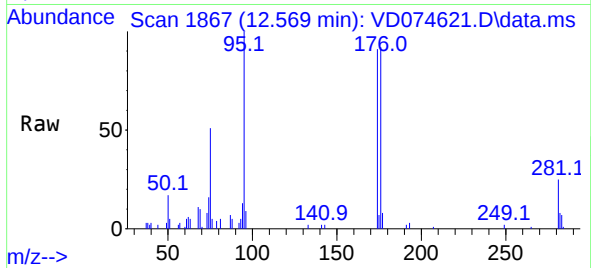




#62
4-Bromofluorobenzene
Concen: 24.231 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

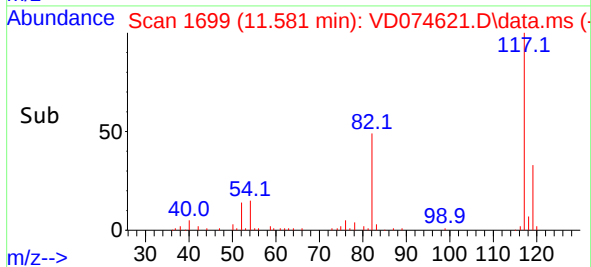
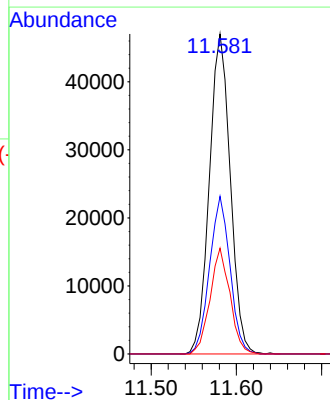
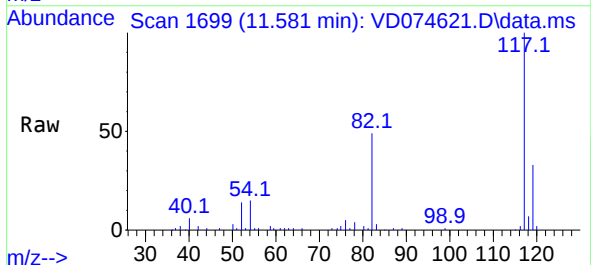
Instrument :
MSVOA_D
ClientSampleId :
LRH-COMP-2RE

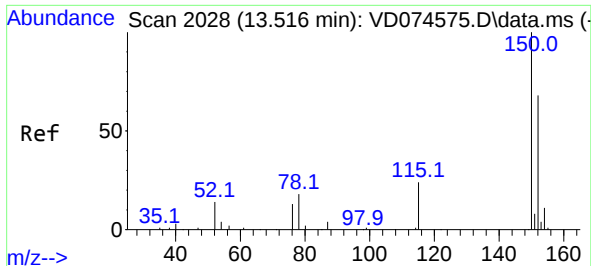
Tgt Ion: 95 Resp: 19493
Ion Ratio Lower Upper
95 100
174 105.0 0.0 197.0
176 100.9 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

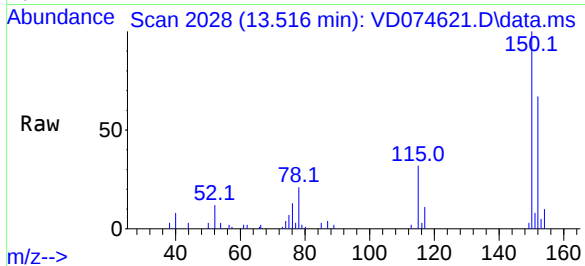
Tgt Ion: 117 Resp: 80287
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 33.1 25.2 37.8



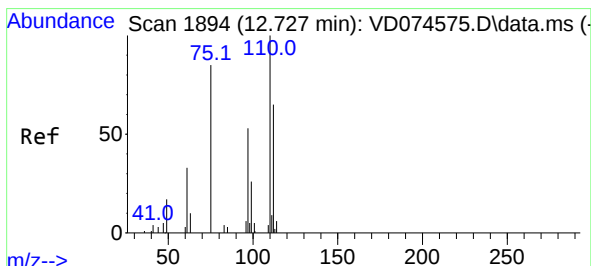
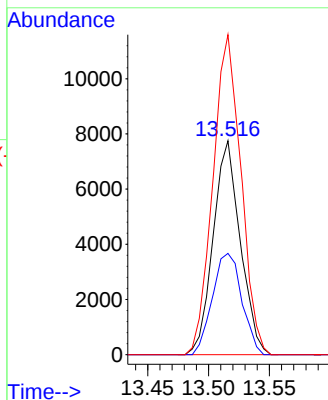
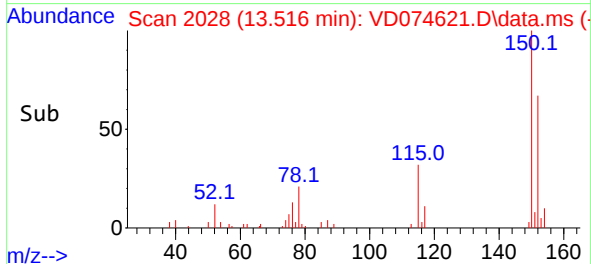


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

Instrument :
MSVOA_D
ClientSampleId :
LRH-COMP-2RE

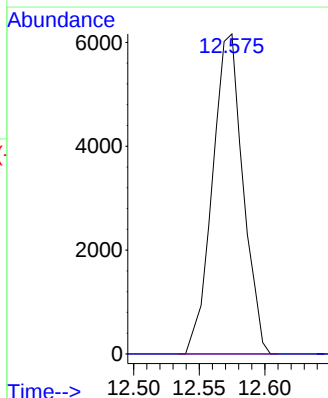
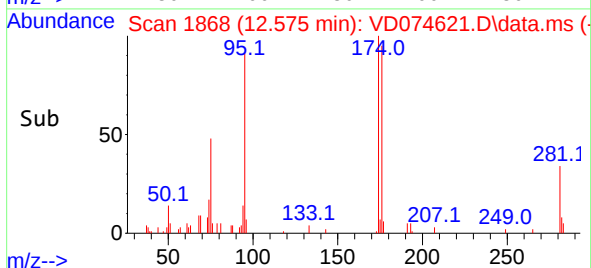
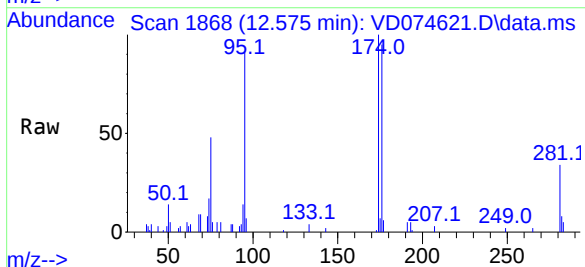


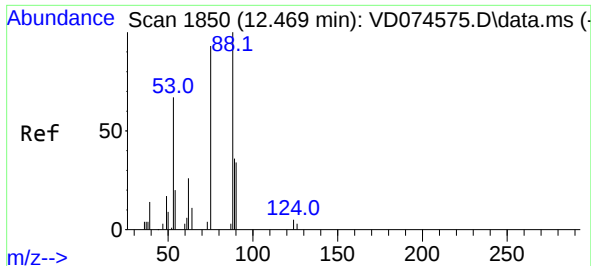
Tgt Ion:152 Resp: 12015
Ion Ratio Lower Upper
152 100
115 51.3 26.8 80.4
150 154.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 95.233 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

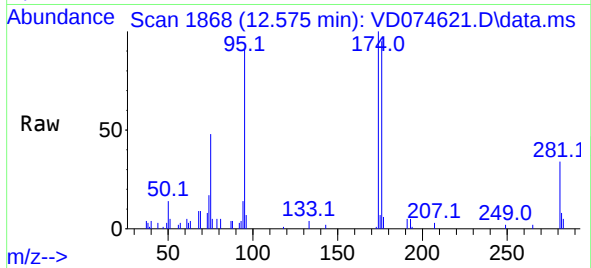
Tgt Ion: 75 Resp: 9991
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 243.367 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074621.D
Acq: 21 Oct 2022 17:44

Instrument :
MSVOA_D
ClientSampleId :
LRH-COMP-2RE



Tgt Ion: 75 Resp: 9991
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

