

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074771.D
 Acq On : 07 Nov 2022 19:50
 Operator : VA/SY
 Sample : N5461-02
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TJRC-110222-G2

Quant Time: Nov 08 00:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

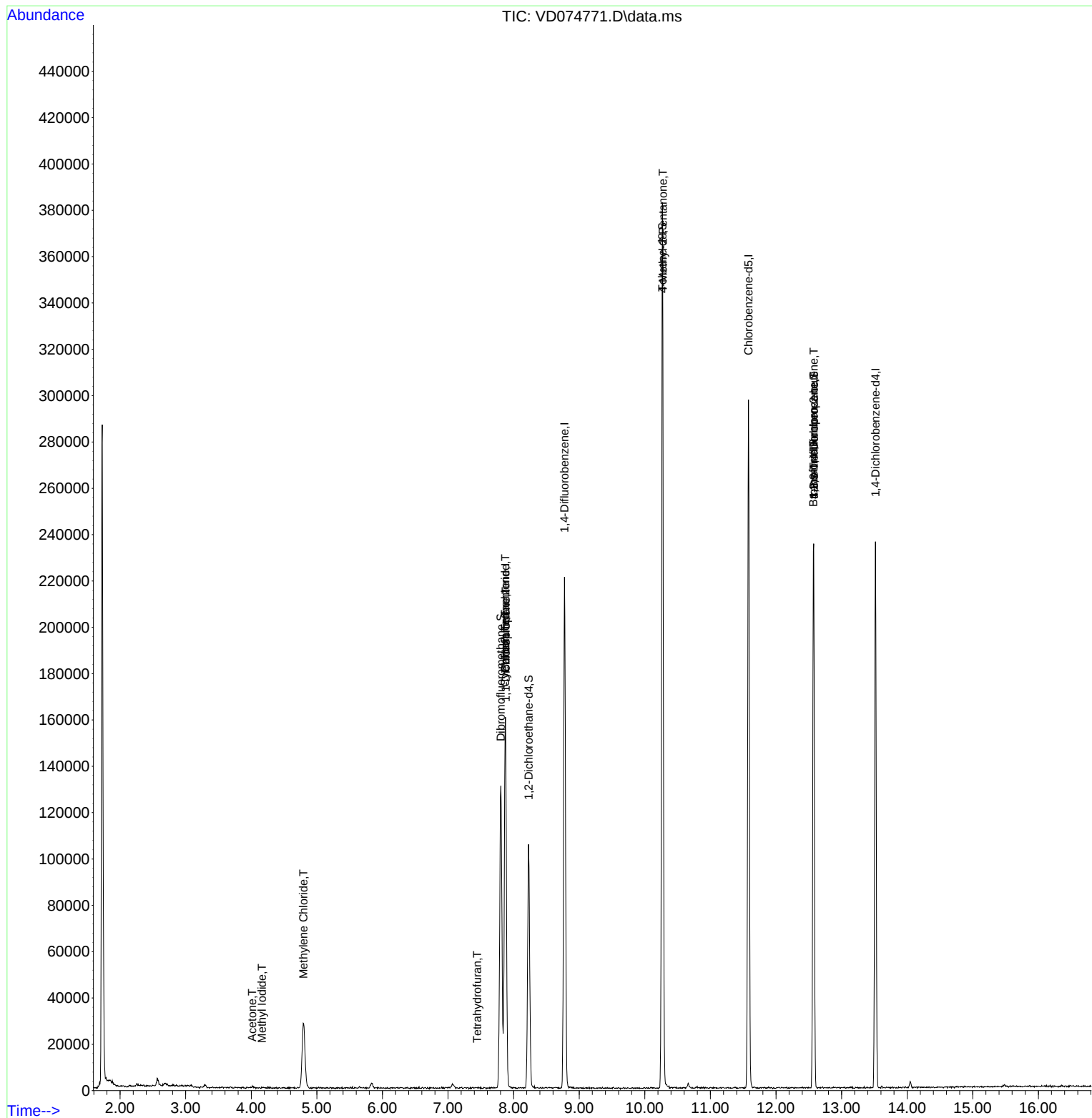
Internal Standards						
1) Pentafluorobenzene	7.875	168	134197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	210719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	182263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	67669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80612	75.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.680%	
35) Dibromofluoromethane	7.805	113	97687	78.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 156.740%#	
50) Toluene-d8	10.269	98	272830	60.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.000%	
62) 4-Bromofluorobenzene	12.575	95	75324	57.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.760%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	228	5.667	ug/l #	43
16) Acetone	4.017	43	1179	5.316	ug/l #	37
20) Methylene Chloride	4.793	84	24598	2.421	ug/l	93
29) Tetrahydrofuran	7.446	42	180	1.029	ug/l #	45
31) Cyclohexane	7.869	56	2240	1.041	ug/l #	17
36) 1,1-Dichloropropene	7.881	75	9722	5.138	ug/l #	47
38) Carbon Tetrachloride	7.875	117	12275	6.848	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	779	1.368	ug/l #	1
71) Bromoform	12.569	173	689	1.051	ug/l #	30
76) 1,2,3-Trichloropropane	12.575	75	36523	69.624	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	36523	165.271	ug/l #	17

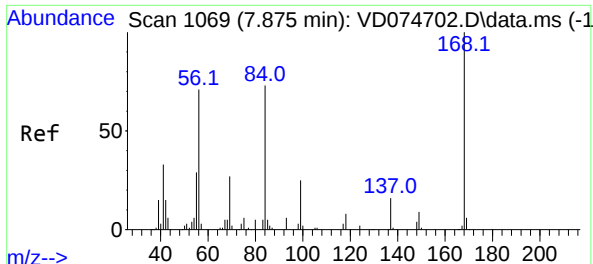
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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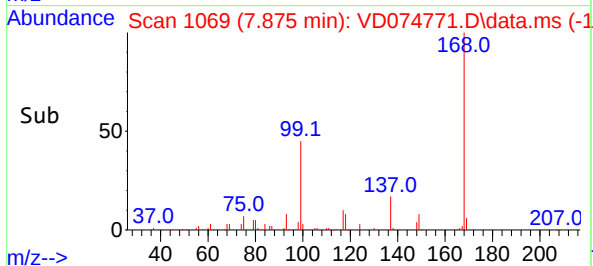
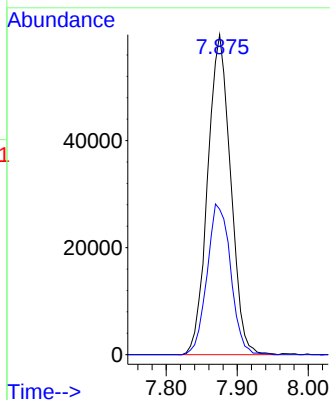
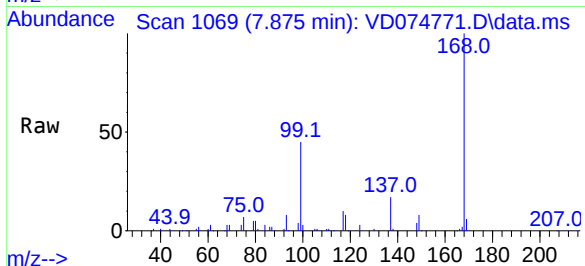




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

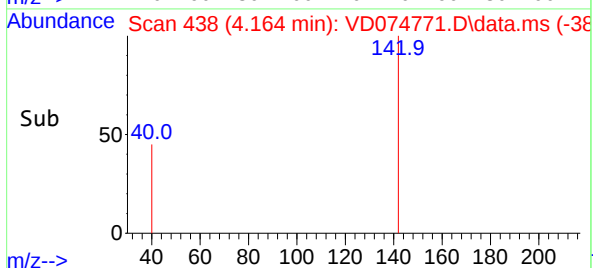
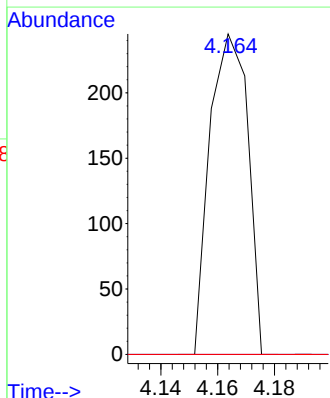
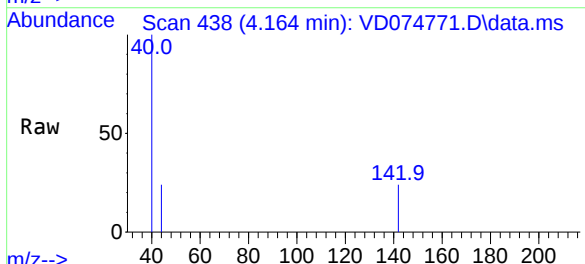
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G2

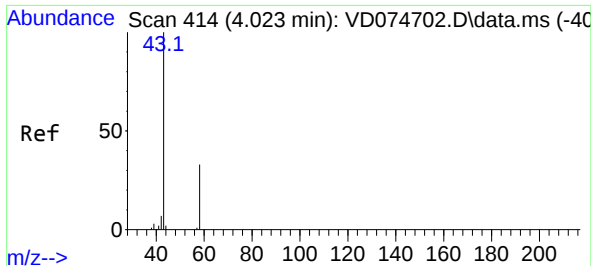
Tgt Ion:168 Resp: 134197
Ion Ratio Lower Upper
168 100
99 45.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.667 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion:142 Resp: 228
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

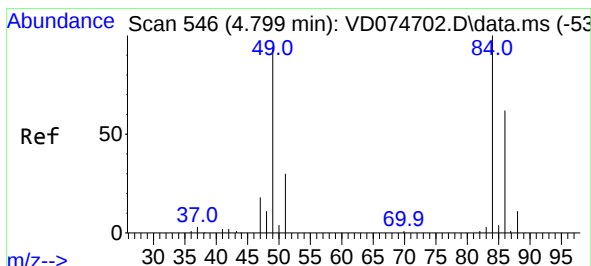
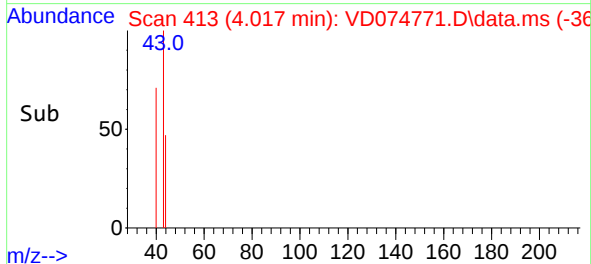
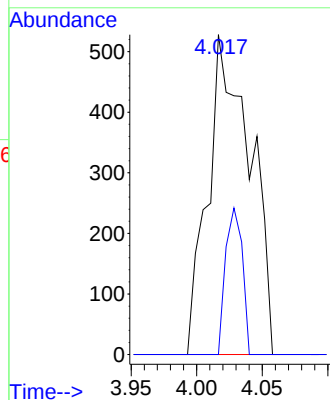
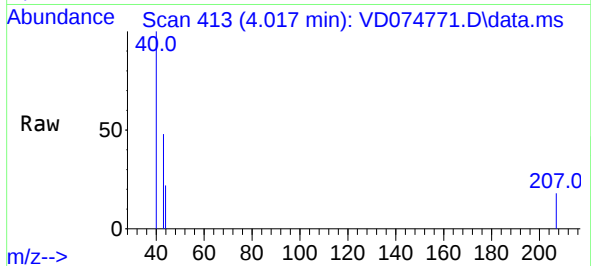




#16
Acetone
Concen: 5.316 ug/l
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

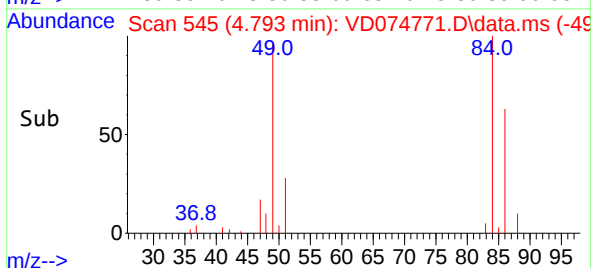
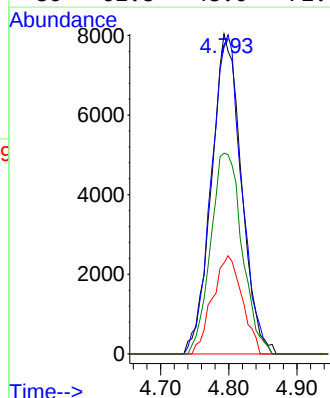
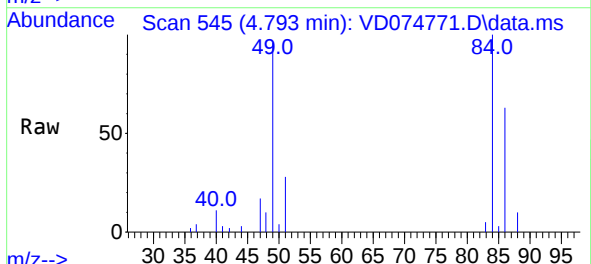
Instrument :
MSVOA_D
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TJRC-110222-G2

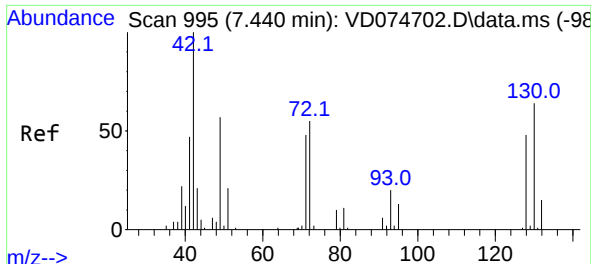
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 2.421 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion: 84 Resp: 24598
Ion Ratio Lower Upper
84 100
49 96.3 68.0 102.0
51 28.4 23.2 34.8
86 62.8 48.0 72.0





#29

Tetrahydrofuran

Concen: 1.029 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD074771.D

Acq: 07 Nov 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

TJRC-110222-G2

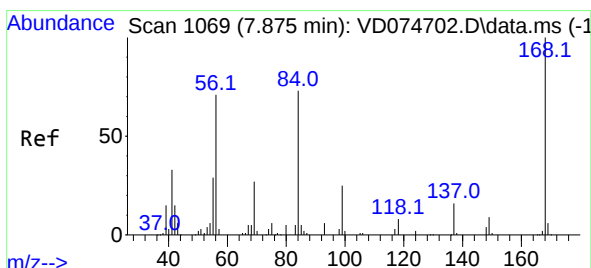
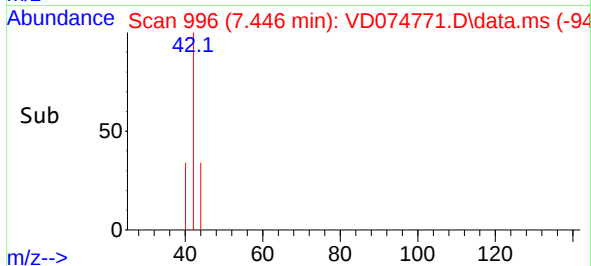
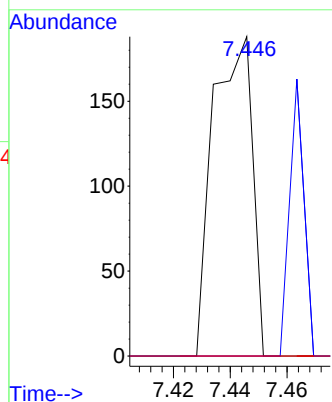
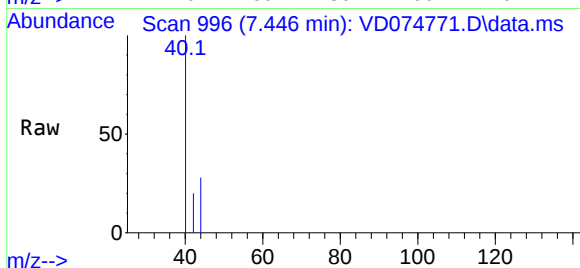
Tgt Ion: 42 Resp: 180

Ion Ratio Lower Upper

42 100

72 32.2 45.8 68.6#

71 0.0 44.6 66.8#



#31

Cyclohexane

Concen: 1.041 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD074771.D

Acq: 07 Nov 2022 19:50

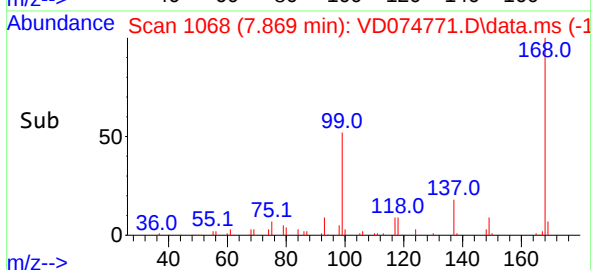
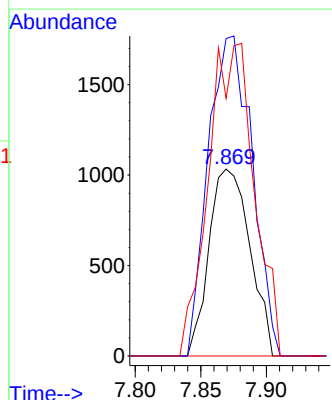
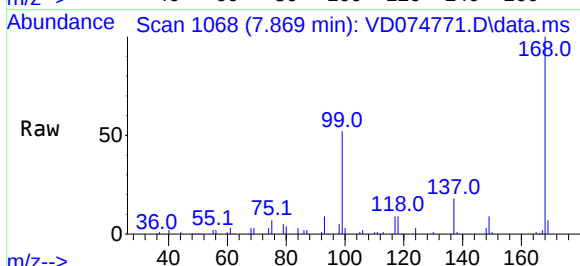
Tgt Ion: 56 Resp: 2240

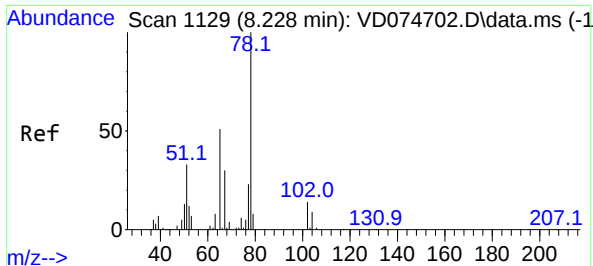
Ion Ratio Lower Upper

56 100

69 169.9 29.2 43.8#

84 137.9 83.4 125.2#

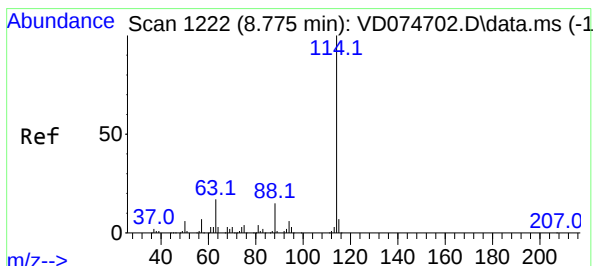
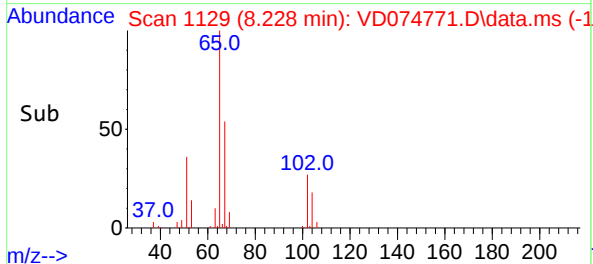
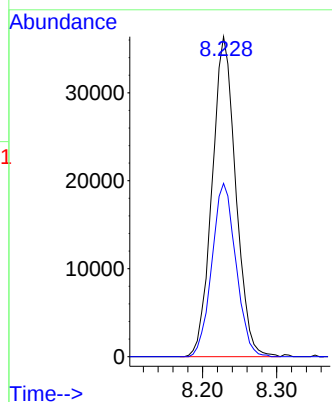
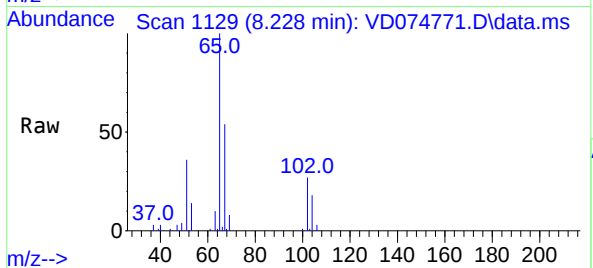




#33
1,2-Dichloroethane-d4
Concen: 75.844 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

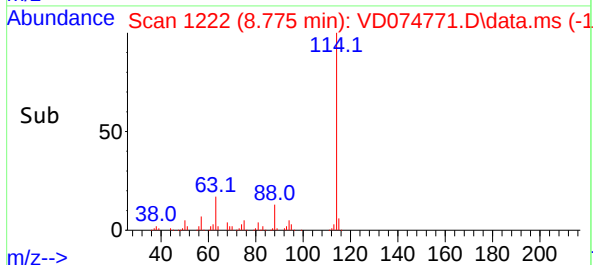
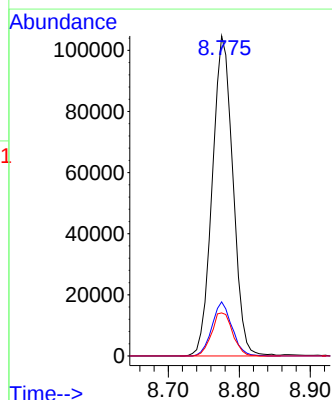
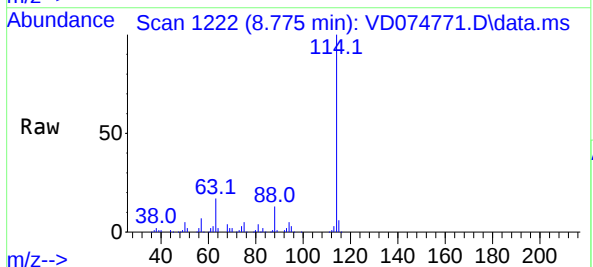
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TJRC-110222-G2

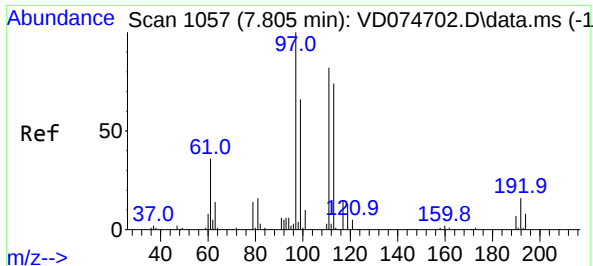
Tgt Ion: 65 Resp: 80612
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion: 114 Resp: 210719
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.2
88 13.5 0.0 28.2

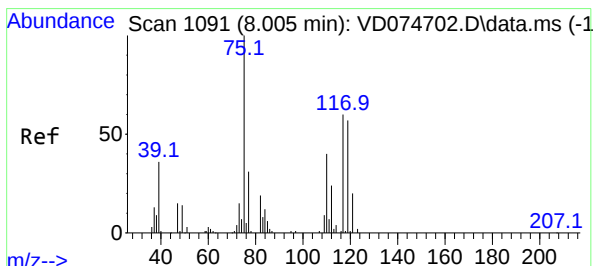
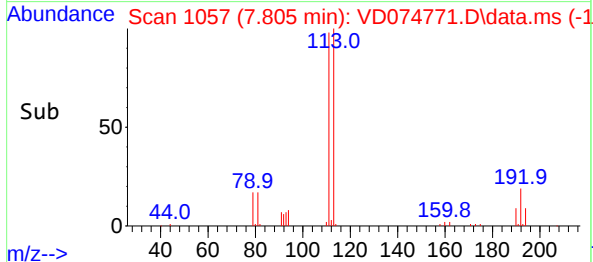
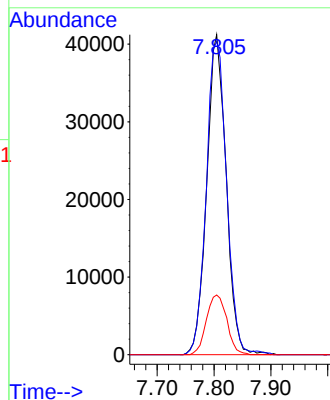
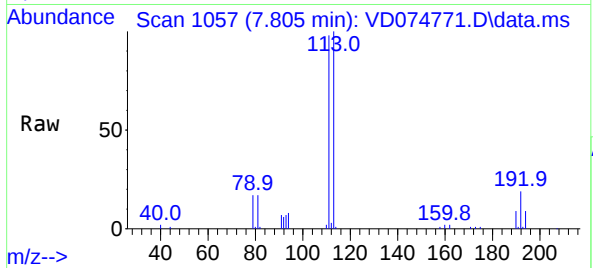




#35
Dibromofluoromethane
Concen: 78.370 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

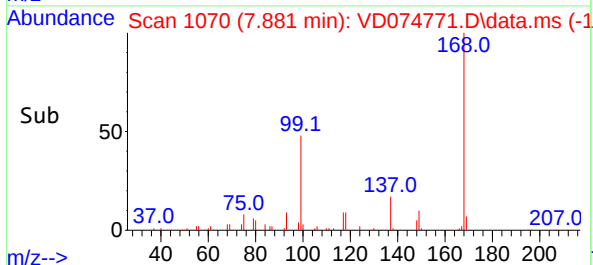
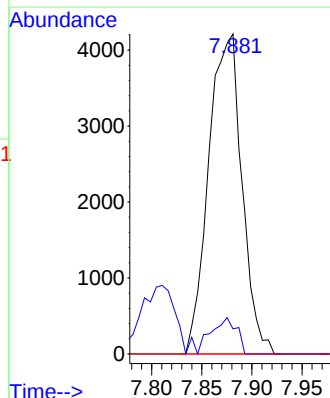
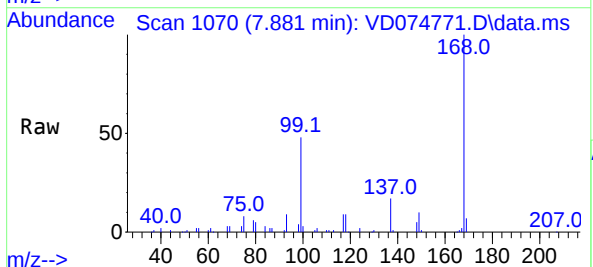
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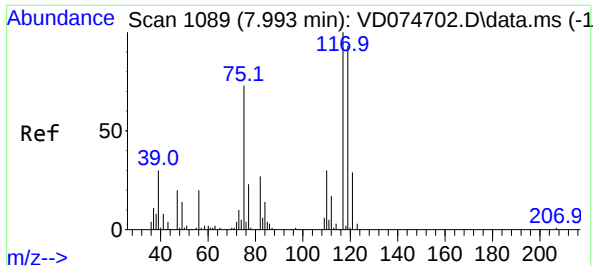
Tgt Ion:113 Resp: 97687
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 19.7 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion: 75 Resp: 9722
Ion Ratio Lower Upper
75 100
110 8.7 19.7 59.0#
77 0.0 25.4 38.2#

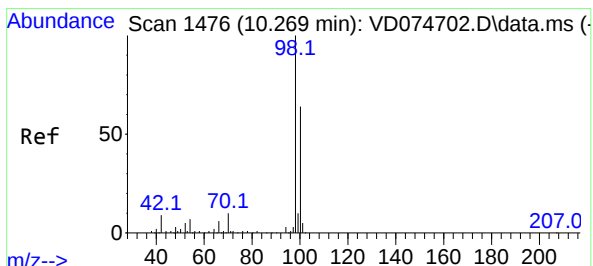
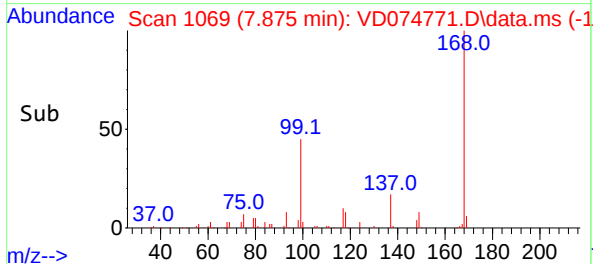
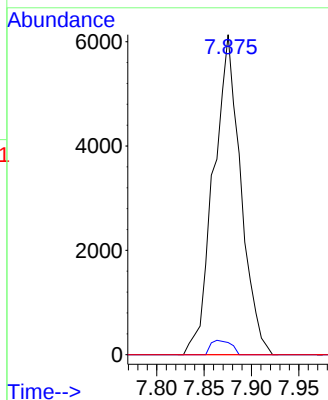
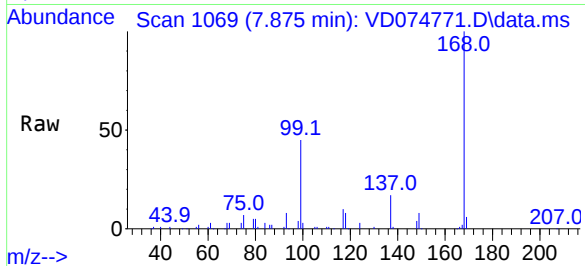




#38
Carbon Tetrachloride
Concen: 6.848 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

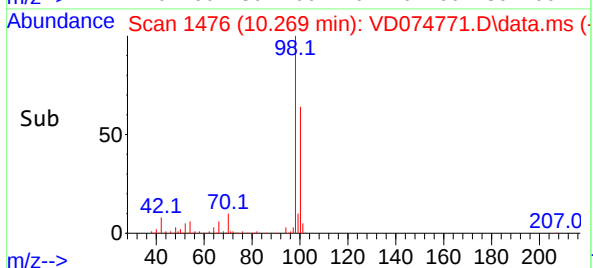
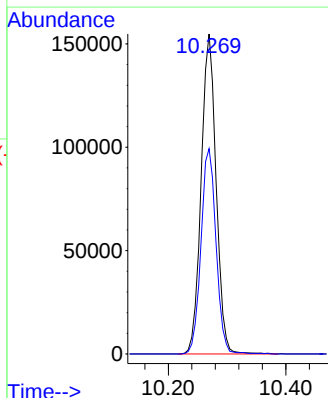
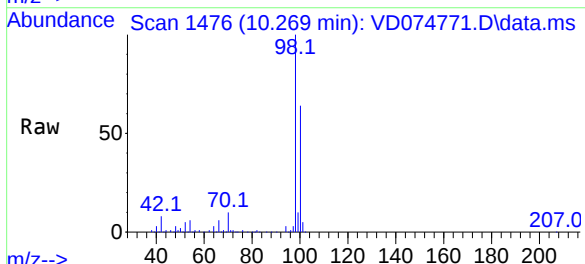
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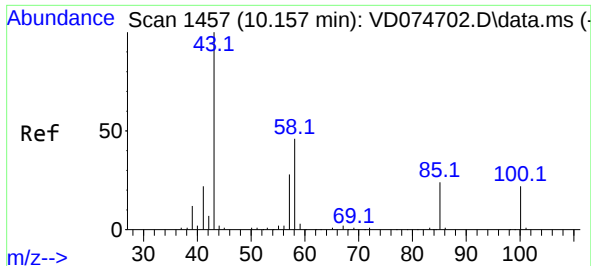
Tgt Ion:117 Resp: 12275
Ion Ratio Lower Upper
117 100
119 3.8 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 60.005 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion: 98 Resp: 272830
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

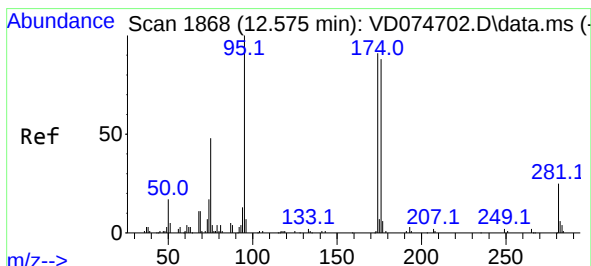
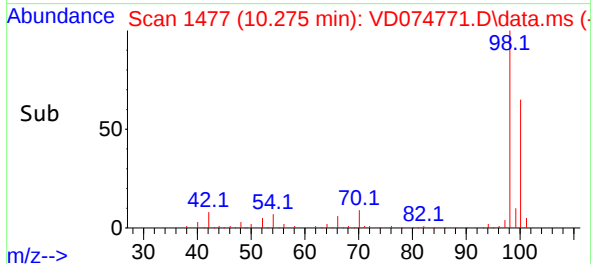
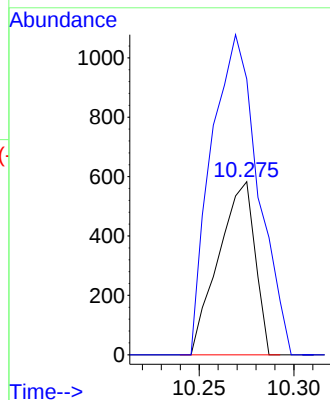
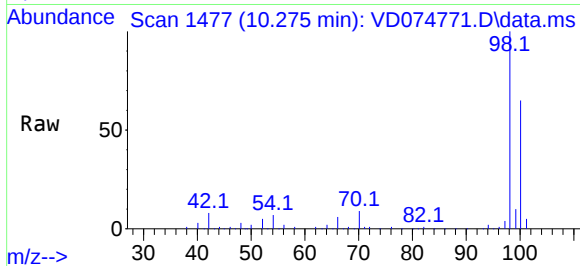




#51
4-Methyl-2-Pentanone
Concen: 1.368 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

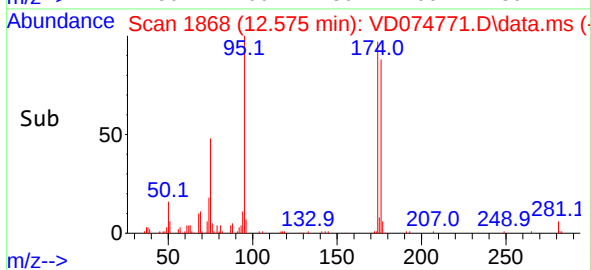
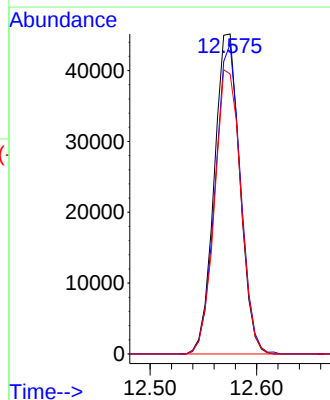
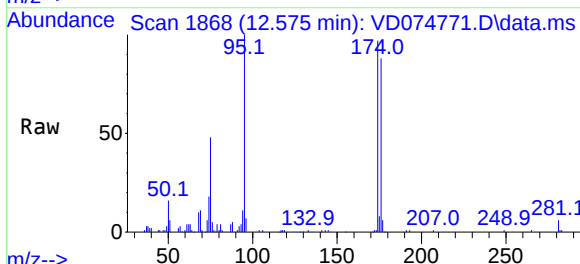
Instrument :
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TJRC-110222-G2

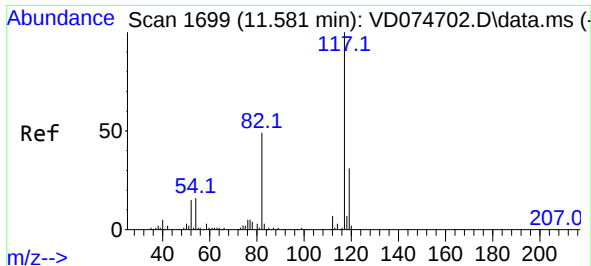
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 238.4 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 57.376 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion: 95 Resp: 75324
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.0
176 90.9 0.0 182.6

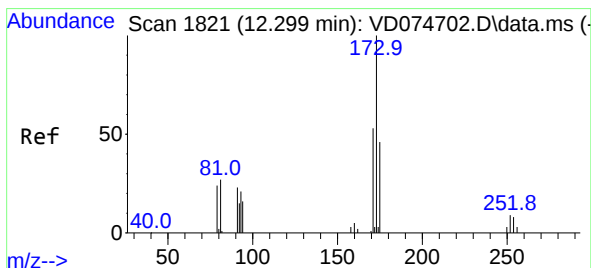
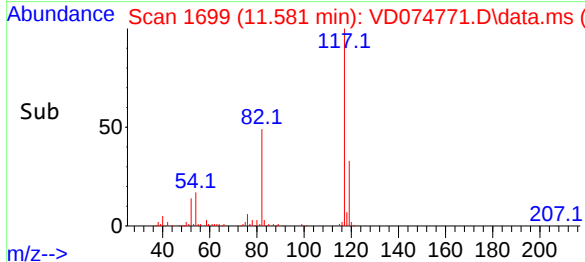
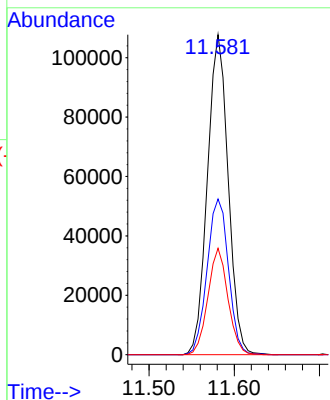
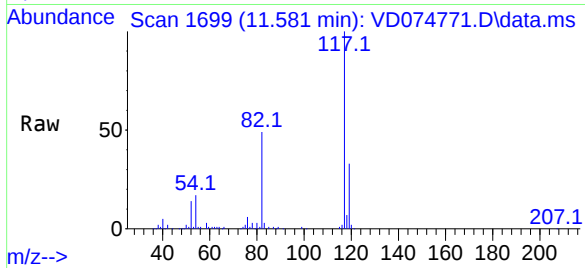




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

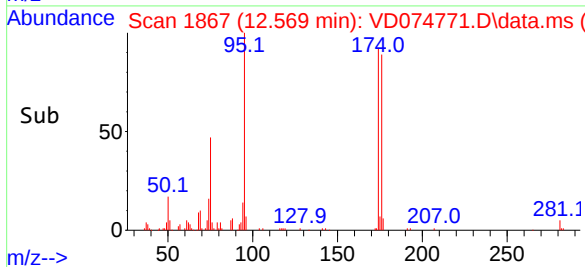
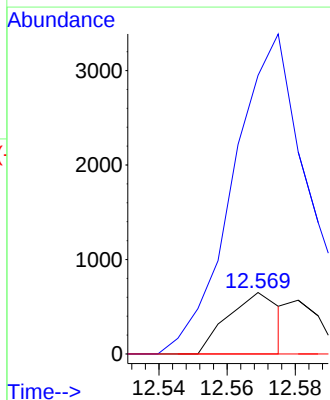
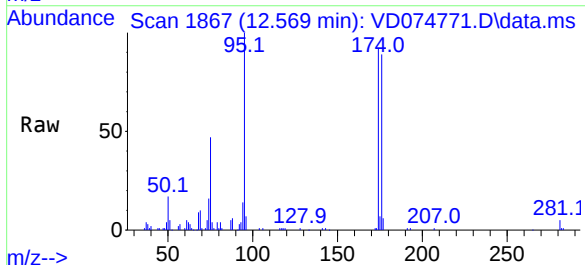
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G2

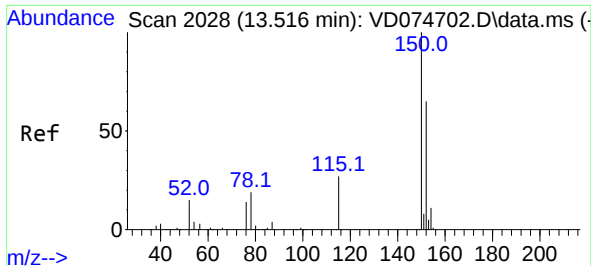
Tgt Ion:117 Resp: 182263
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 33.3 25.2 37.8



#71
Bromoform
Concen: 1.051 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion:173 Resp: 689
Ion Ratio Lower Upper
173 100
175 0.0 23.1 69.3#
254 0.0 0.0 0.0

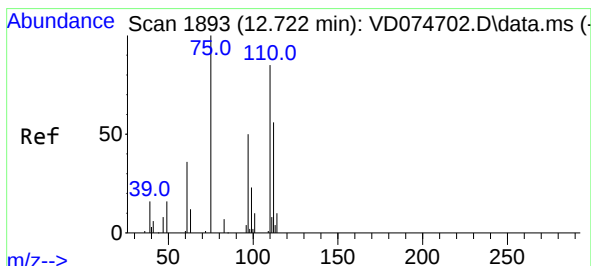
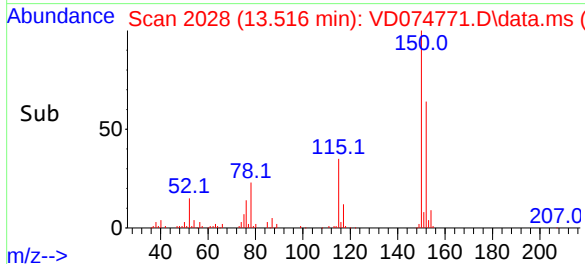
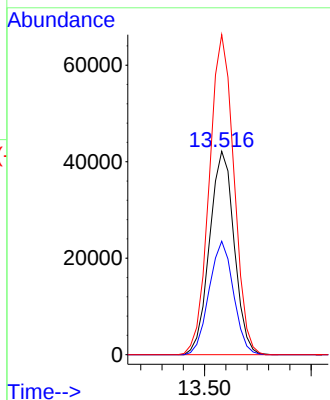
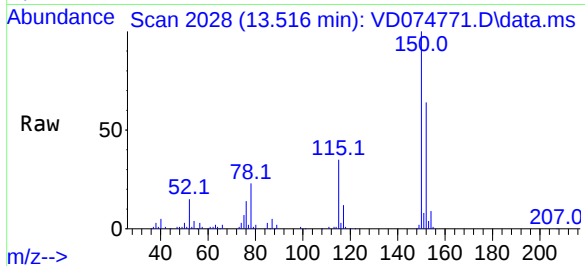




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

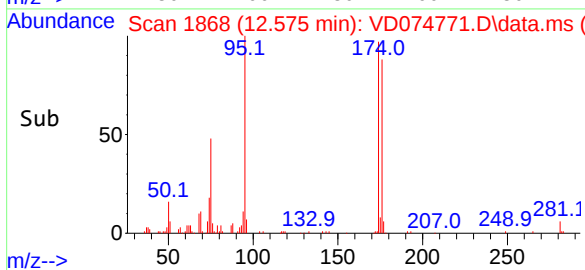
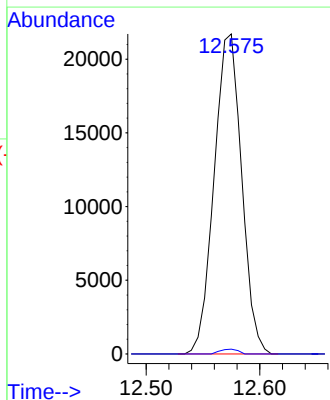
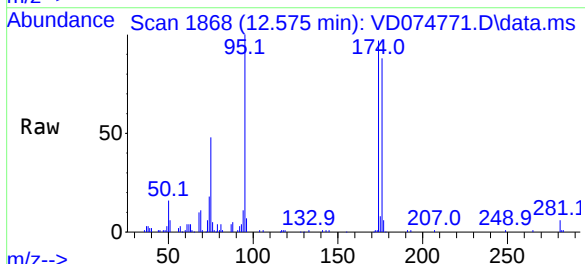
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G2

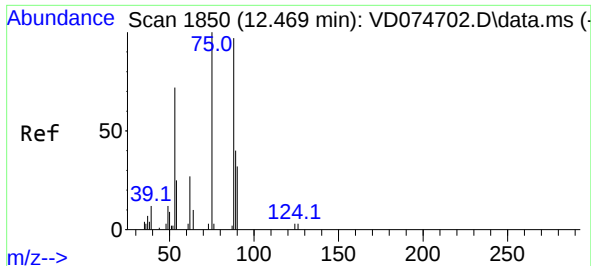
Tgt Ion:152 Resp: 67669
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 157.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 69.624 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

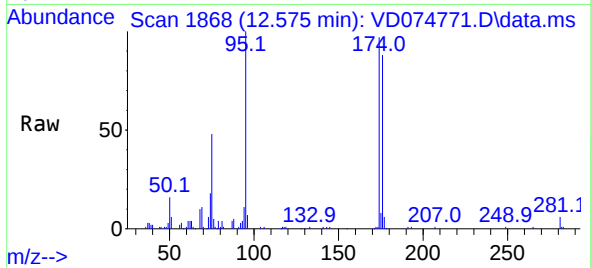
Tgt Ion: 75 Resp: 36523
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.271 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074771.D
 Acq: 07 Nov 2022 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 TJRC-110222-G2



Tgt Ion:	75	Resp:	36523
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

