

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074770.D
 Acq On : 07 Nov 2022 19:22
 Operator : VA/SY
 Sample : N5461-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TJRC-110222-G1

Quant Time: Nov 08 00:23:06 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)

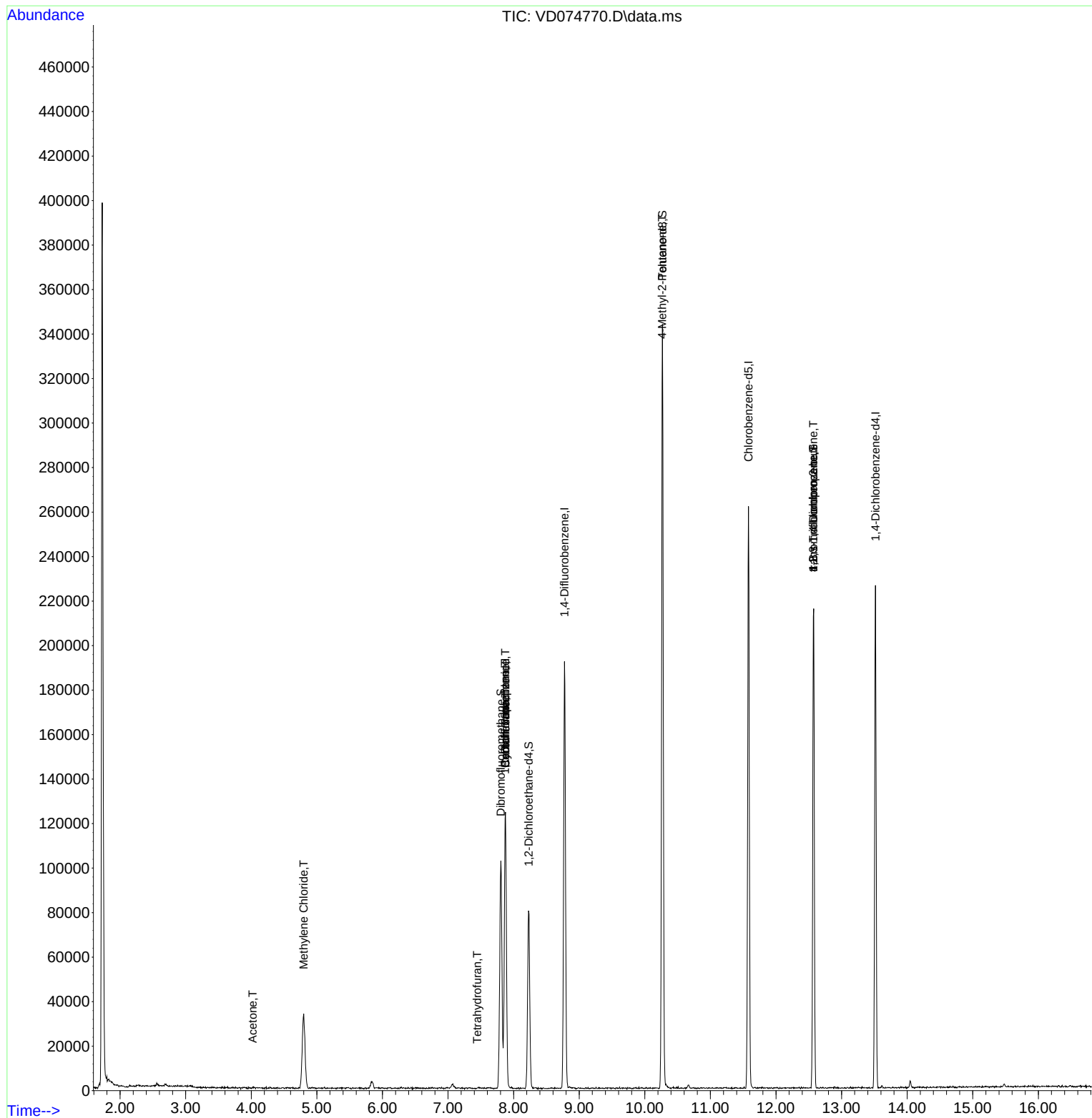
Internal Standards						
1) Pentafluorobenzene	7.875	168	102724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	162407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	63534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63384	77.906	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	155.820%	
35) Dibromofluoromethane	7.805	113	75347	69.889	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	139.780%	
50) Toluene-d8	10.269	98	245005	62.302	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	124.600%	
62) 4-Bromofluorobenzene	12.569	95	67326	59.294	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	118.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	563	3.316	ug/l #	37
20) Methylene Chloride	4.799	84	28606	11.117	ug/l	93
29) Tetrahydrofuran	7.446	42	183	1.367	ug/l #	23
31) Cyclohexane	7.875	56	1791	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	7163	4.377	ug/l #	45
38) Carbon Tetrachloride	7.875	117	9454	6.098	ug/l #	19
51) 4-Methyl-2-Pentanone	10.263	43	748	1.519	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	33669	68.361	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	33669	162.272	ug/l #	17

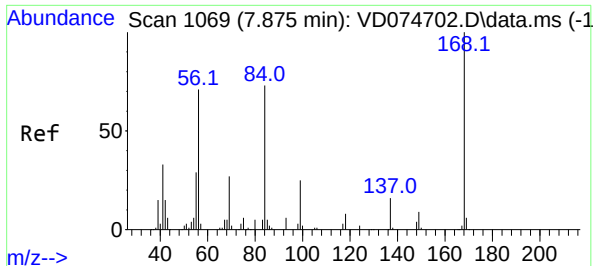
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

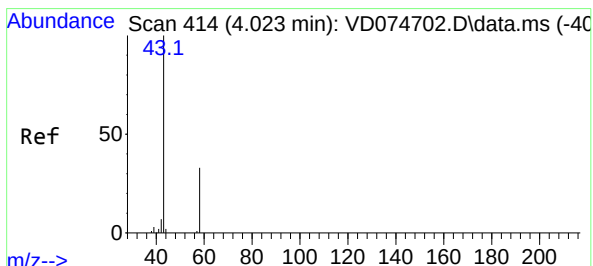
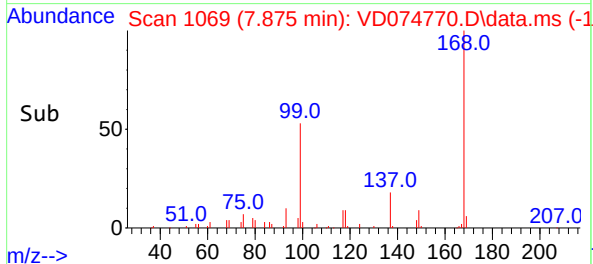
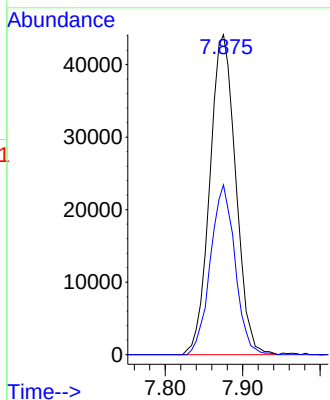
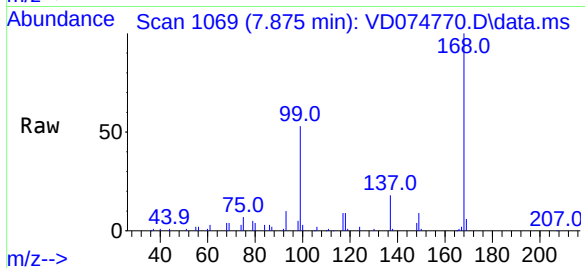




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

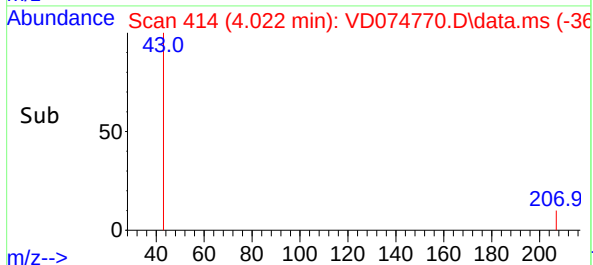
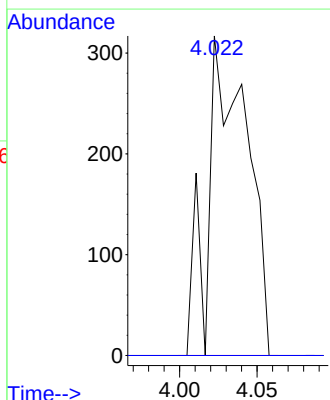
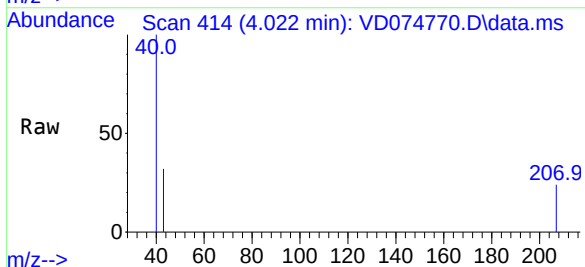
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G1

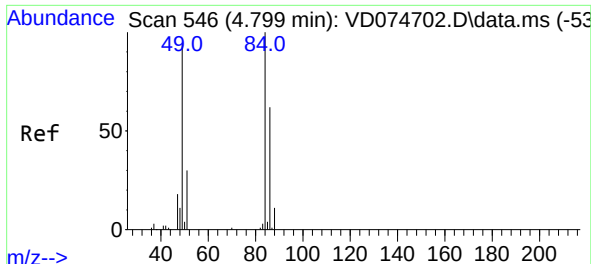
Tgt Ion:168 Resp: 102724
Ion Ratio Lower Upper
168 100
99 53.1 40.9 61.3



#16
Acetone
Concen: 3.316 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



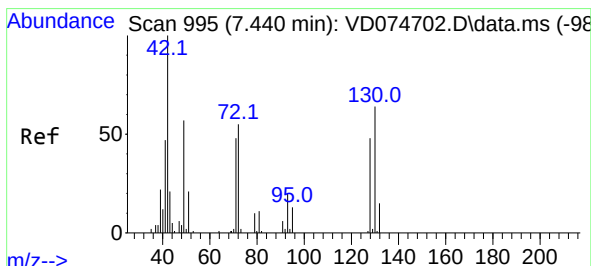
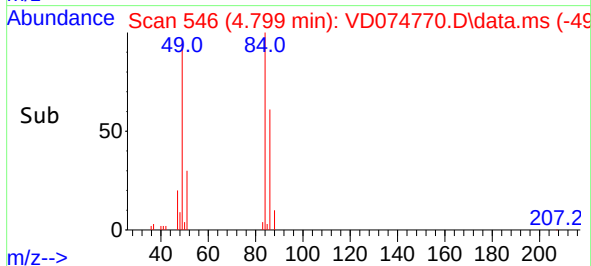
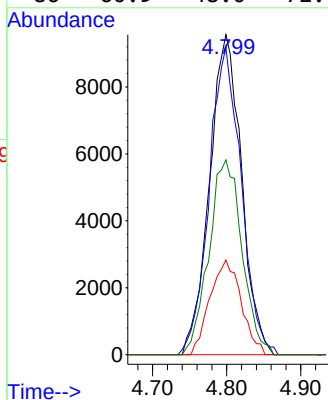
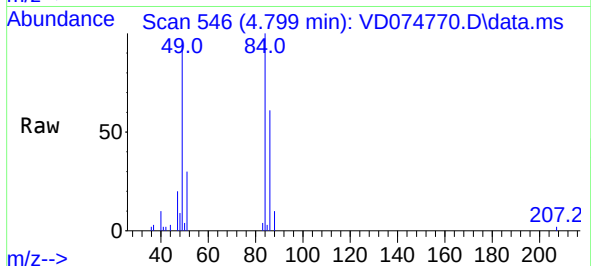


#20
Methylene Chloride
Concen: 11.117 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G1

Tgt Ion: 84 Resp: 28606

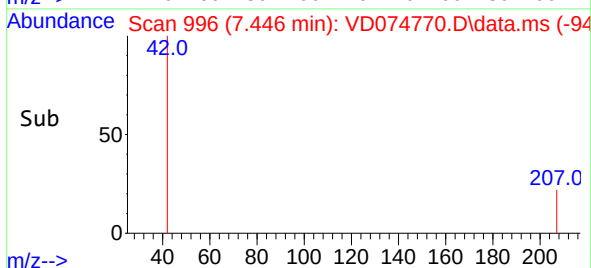
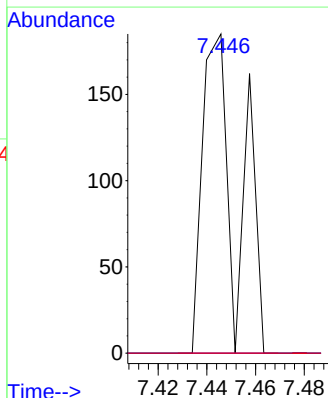
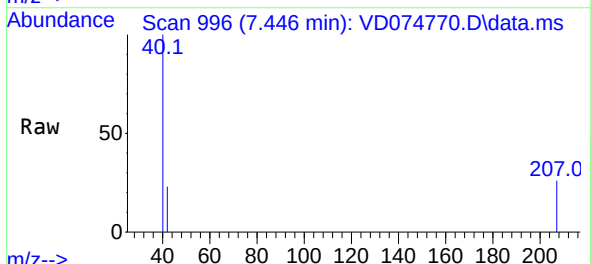
Ion	Ratio	Lower	Upper
84	100		
49	96.0	68.0	102.0
51	29.6	23.2	34.8
86	60.9	48.0	72.0

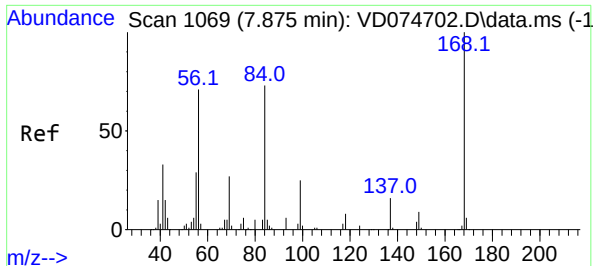


#29
Tetrahydrofuran
Concen: 1.367 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Tgt Ion: 42 Resp: 183

Ion	Ratio	Lower	Upper
42	100		
72	0.0	45.8	68.6#
71	0.0	44.6	66.8#

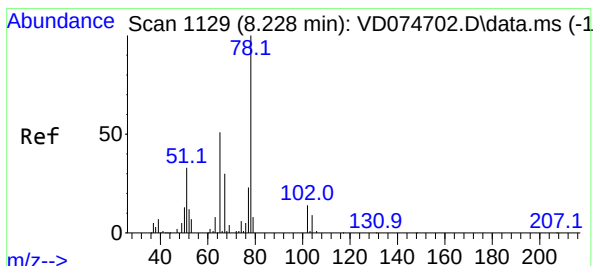
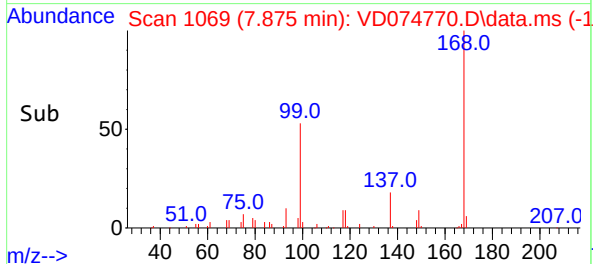
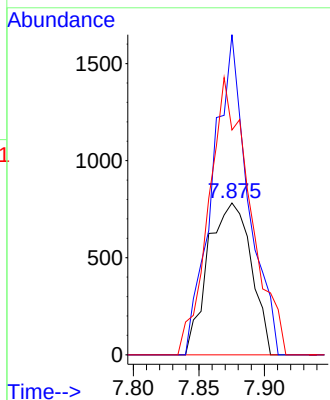
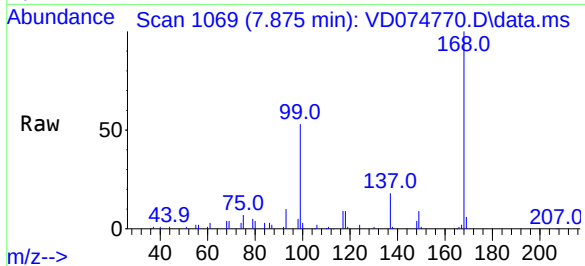




#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

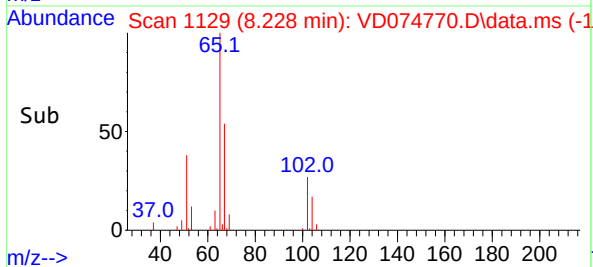
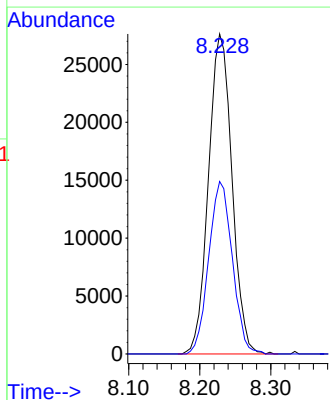
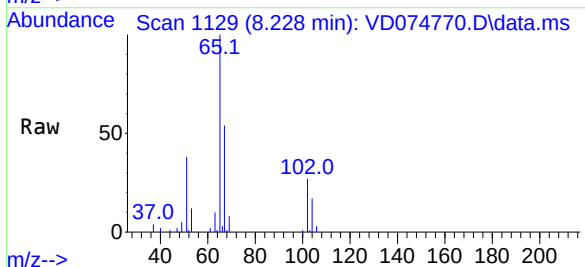
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G1

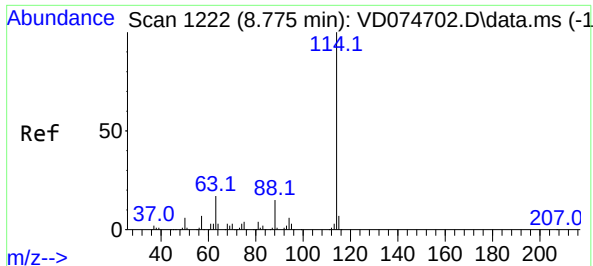
Tgt Ion: 56 Resp: 1791
Ion Ratio Lower Upper
56 100
69 210.9 29.2 43.8#
84 148.1 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 77.906 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Tgt Ion: 65 Resp: 63384
Ion Ratio Lower Upper
65 100
67 54.2 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: VD074770.D

Acq: 07 Nov 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

TJRC-110222-G1

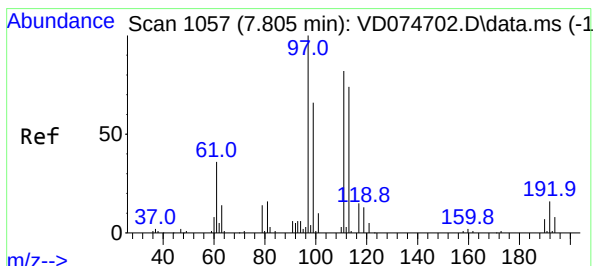
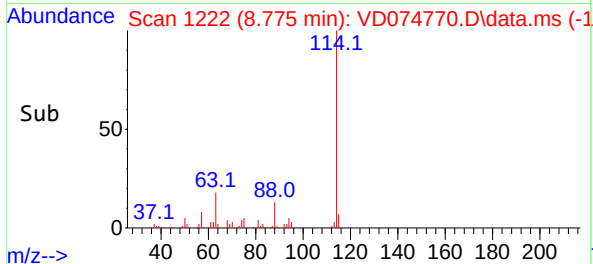
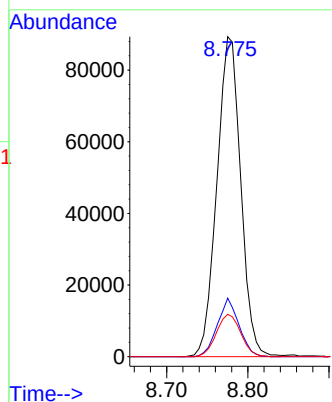
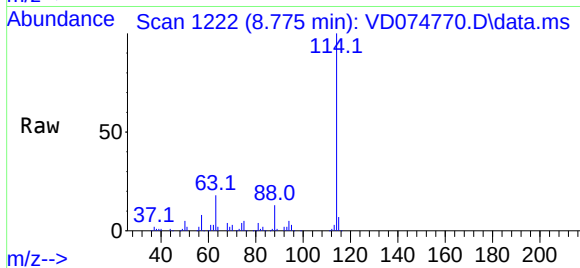
Tgt Ion:114 Resp: 182252

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 69.889 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074770.D

Acq: 07 Nov 2022 19:22

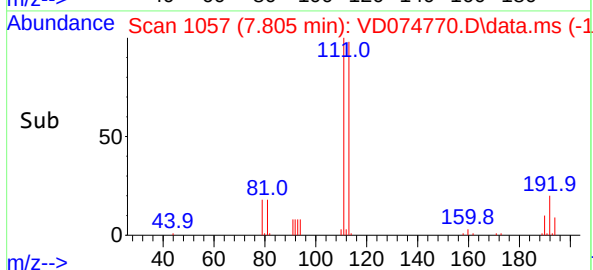
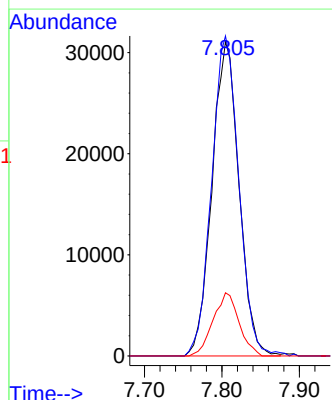
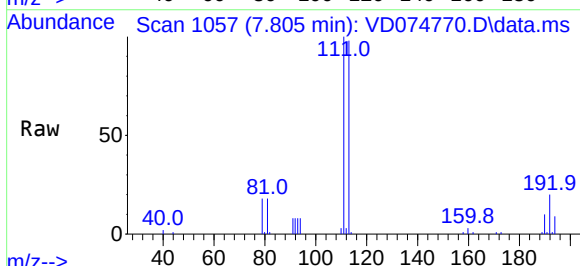
Tgt Ion:113 Resp: 75347

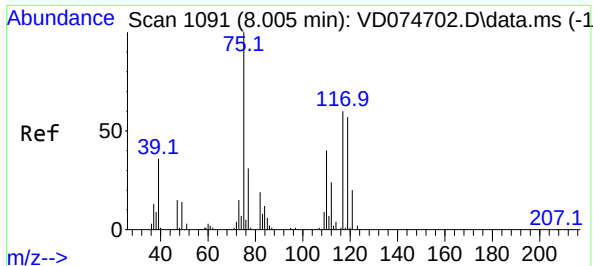
Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

192 19.3 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.377 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD074770.D

Acq: 07 Nov 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

TJRC-110222-G1

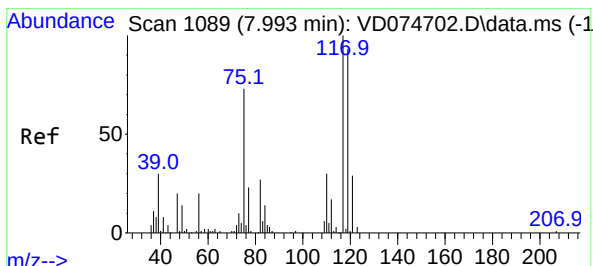
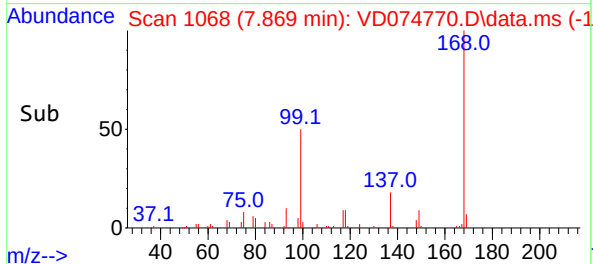
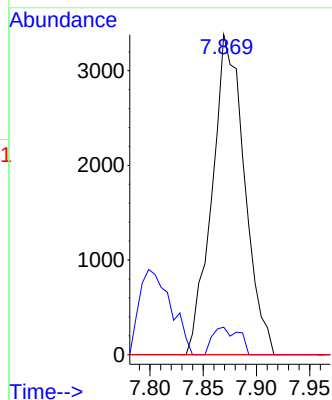
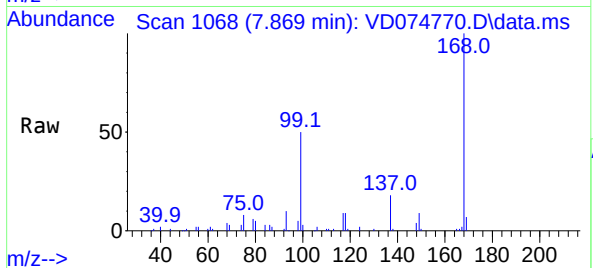
Tgt Ion: 75 Resp: 7163

Ion Ratio Lower Upper

75 100

110 7.0 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.098 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074770.D

Acq: 07 Nov 2022 19:22

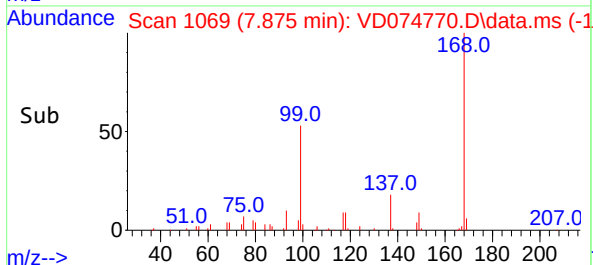
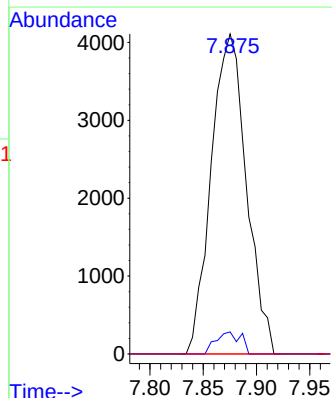
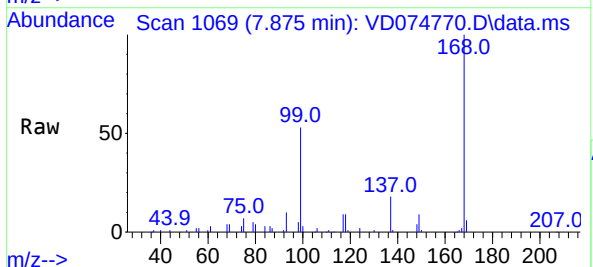
Tgt Ion: 117 Resp: 9454

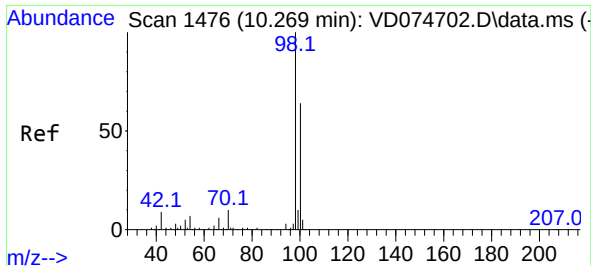
Ion Ratio Lower Upper

117 100

119 6.9 73.1 109.7#

121 0.0 25.0 37.6#

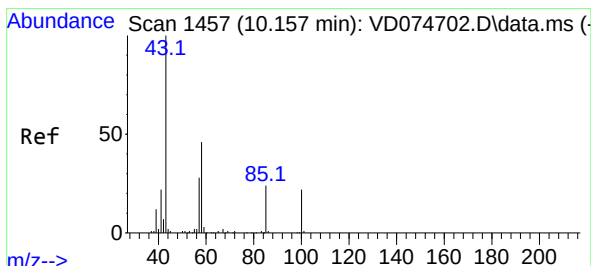
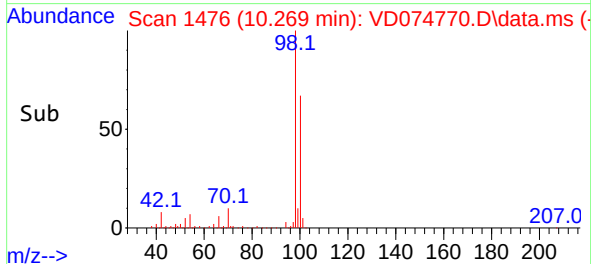
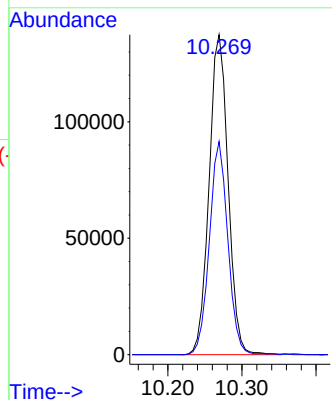
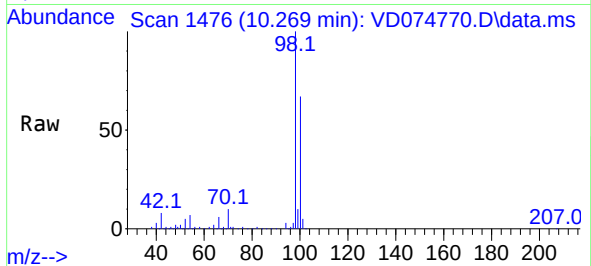




#50
Toluene-d8
Concen: 62.302 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

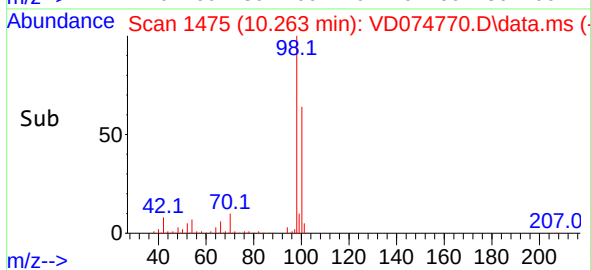
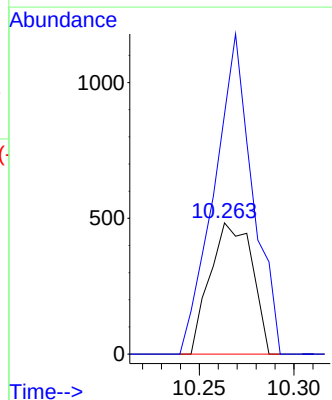
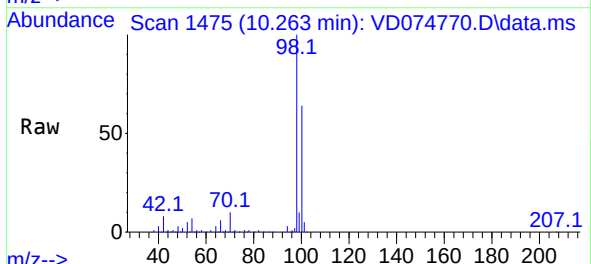
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G1

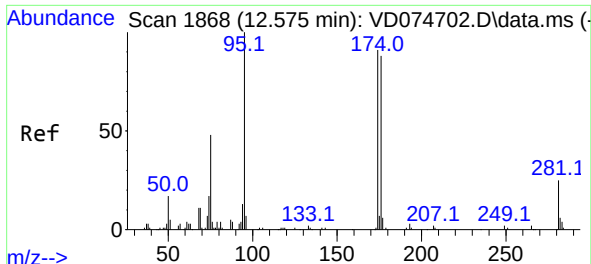
Tgt Ion: 98 Resp: 245005
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.519 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 222.1 37.8 56.6#



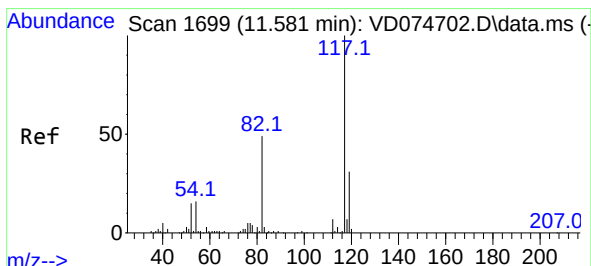
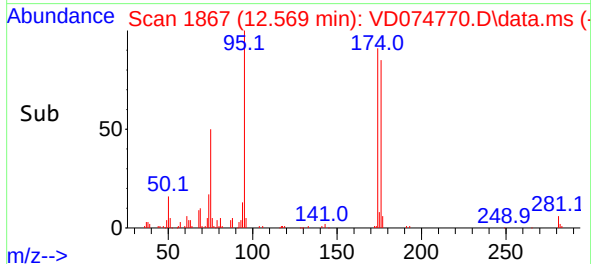
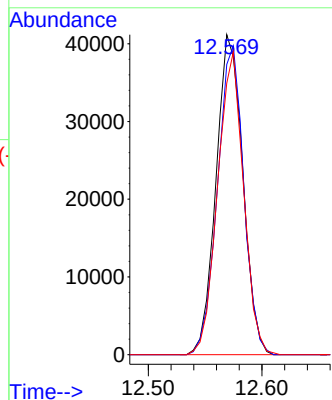
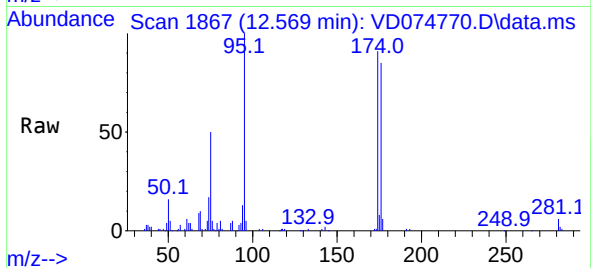


#62
4-Bromofluorobenzene
Concen: 59.294 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G1

Tgt Ion: 95 Resp: 67326

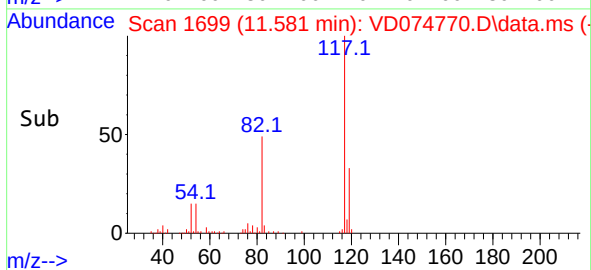
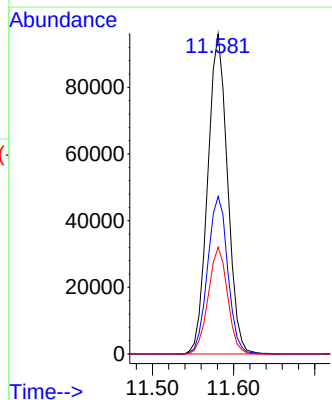
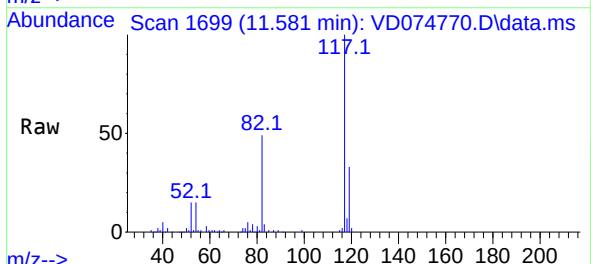
Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	197.0
176	91.5	0.0	182.6

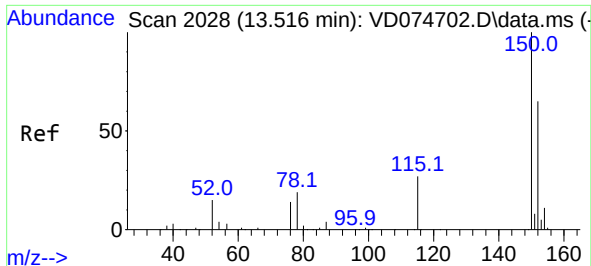


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Tgt Ion: 117 Resp: 162407

Ion	Ratio	Lower	Upper
117	100		
82	49.2	41.6	62.4
119	33.3	25.2	37.8

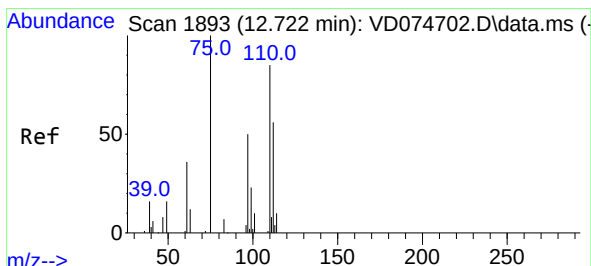
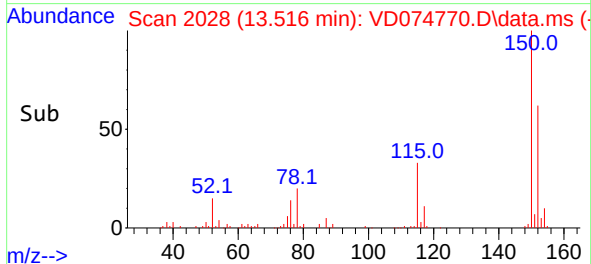
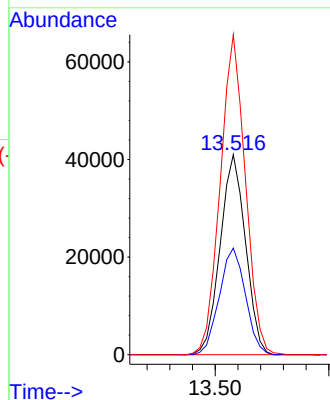
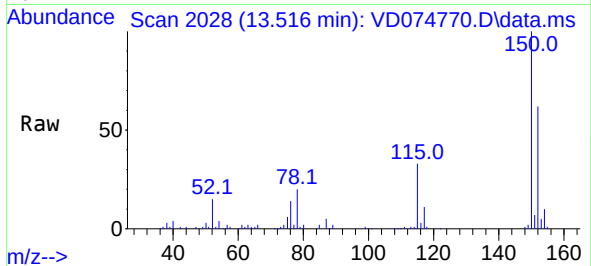




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074770.D
 Acq: 07 Nov 2022 19:22

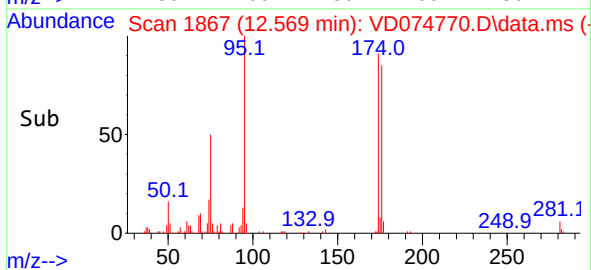
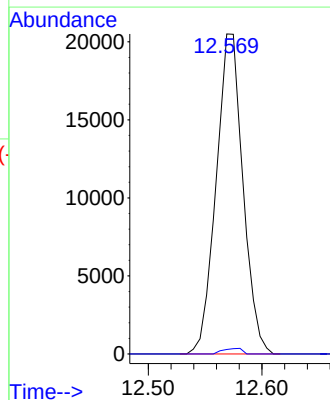
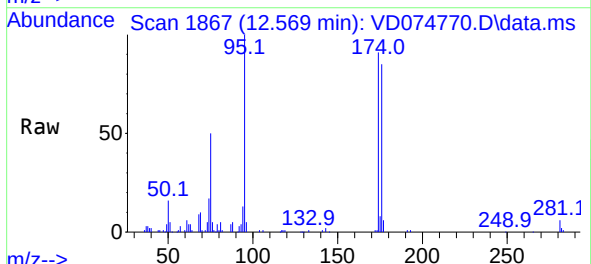
Instrument :
 MSVOA_D
 ClientSampleId :
 TJRC-110222-G1

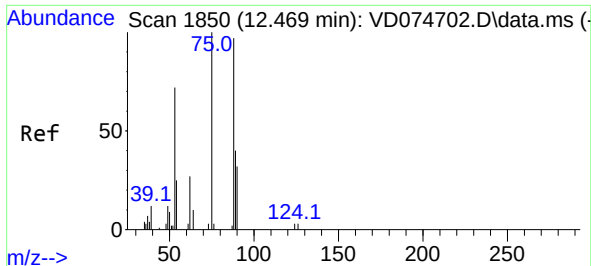
Tgt Ion:152 Resp: 63534
 Ion Ratio Lower Upper
 152 100
 115 54.8 26.8 80.4
 150 158.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 68.361 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD074770.D
 Acq: 07 Nov 2022 19:22

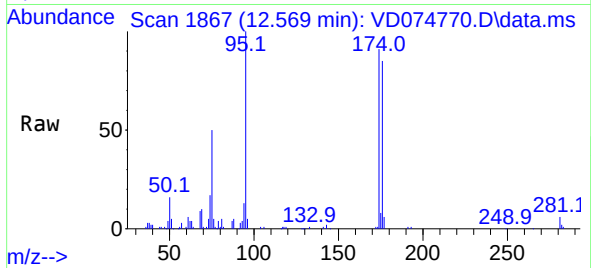
Tgt Ion: 75 Resp: 33669
 Ion Ratio Lower Upper
 75 100
 77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.272 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074770.D
 Acq: 07 Nov 2022 19:22

Instrument :
 MSVOA_D
 ClientSampleId :
 TJRC-110222-G1



Tgt Ion:	75	Resp:	33669
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

