

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074471.D
 Acq On : 06 Oct 2022 17:32
 Operator : VA/SY
 Sample : N5014-08
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-0-2.0

Quant Time: Oct 07 01:27:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

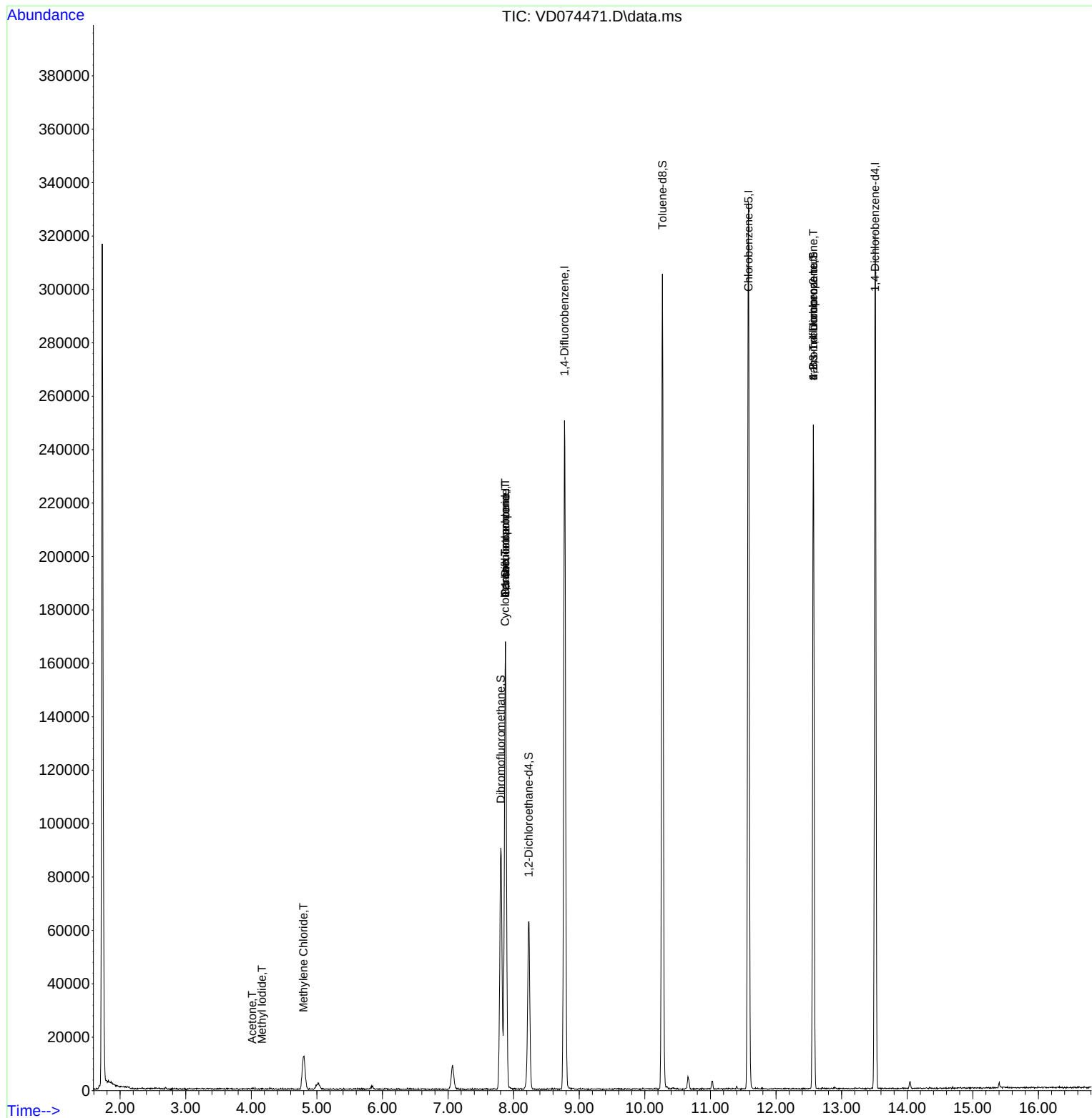
Internal Standards						
1) Pentafluorobenzene	7.875	168	133111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	89980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48257	40.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.600%		
35) Dibromofluoromethane	7.804	113	67053	43.147	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.300%		
50) Toluene-d8	10.269	98	217777	38.788	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.580%		
62) 4-Bromofluorobenzene	12.569	95	74250	41.246	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.500%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	208	5.906	ug/l #	43
11) Tert butyl alcohol	5.010	59	1111	Below Cal	#	84
16) Acetone	4.016	43	155	12.424	ug/l #	37
20) Methylene Chloride	4.793	84	11427	1.199	ug/l	95
31) Cyclohexane	7.869	56	2670	1.124	ug/l #	22
36) 1,1-Dichloropropene	7.875	75	9727	4.459	ug/l #	46
38) Carbon Tetrachloride	7.875	117	12664	6.551	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	38569	55.839	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	38569	124.583	ug/l #	17

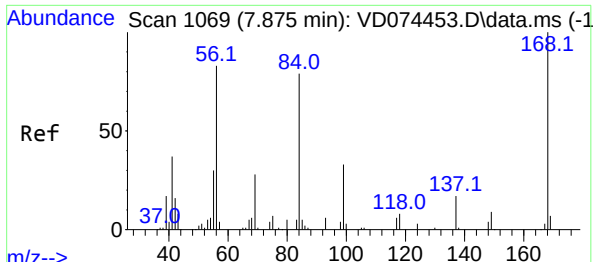
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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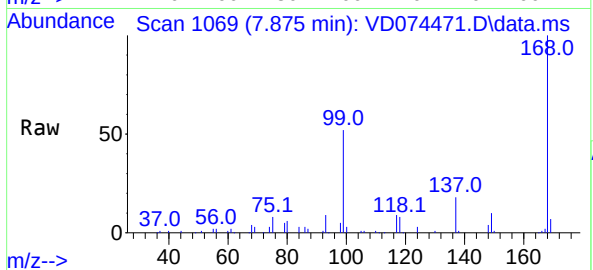
Quant Time: Oct 07 01:27:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
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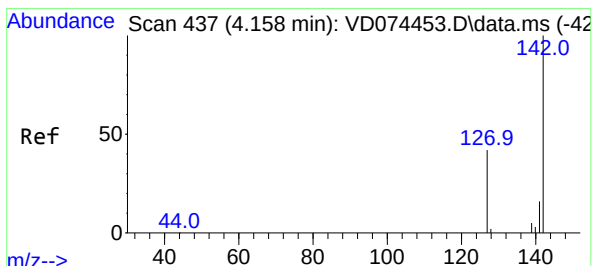
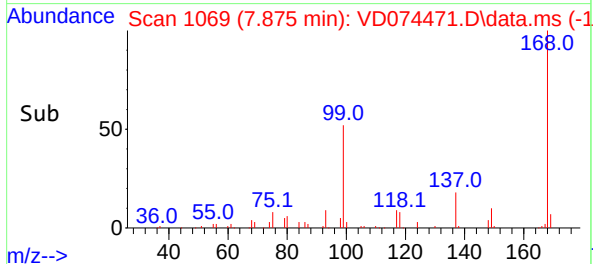
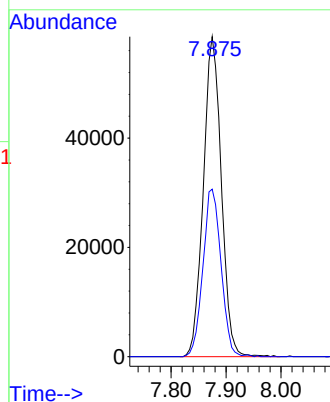


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

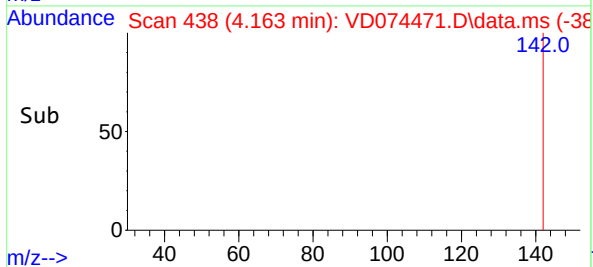
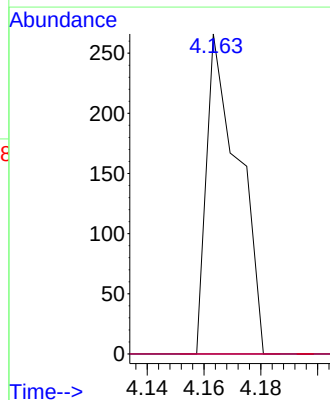
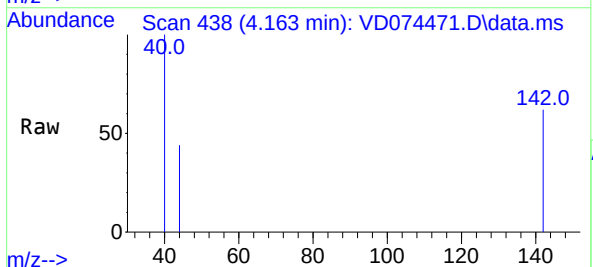


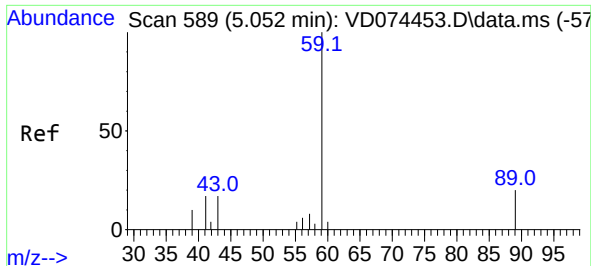
Tgt Ion:168 Resp: 133111
Ion Ratio Lower Upper
168 100
99 52.4 40.9 61.3



#10
Methyl Iodide
Concen: 5.906 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion:142 Resp: 208
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

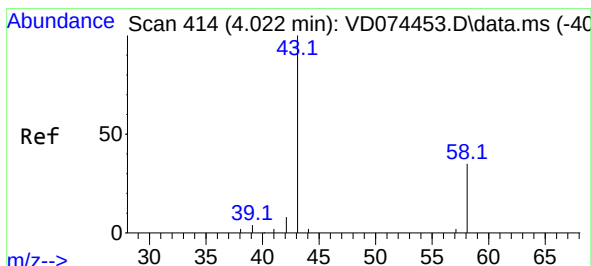
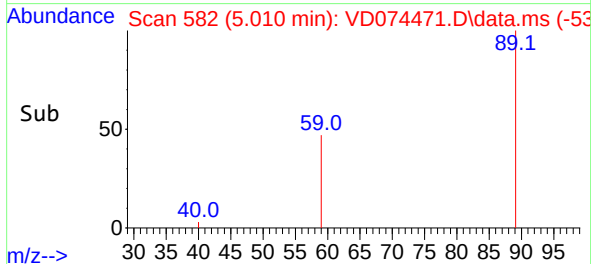
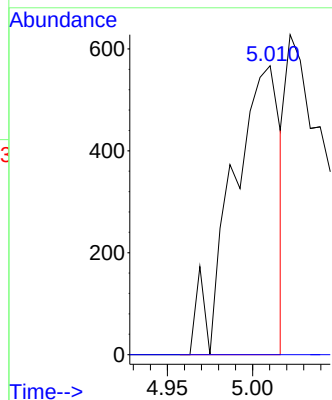
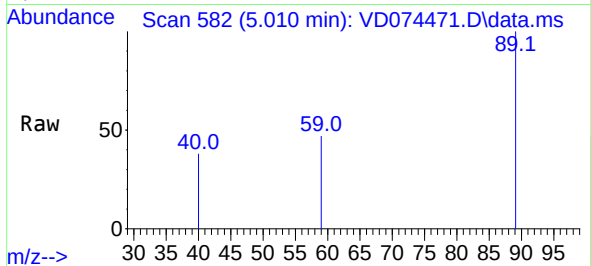




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

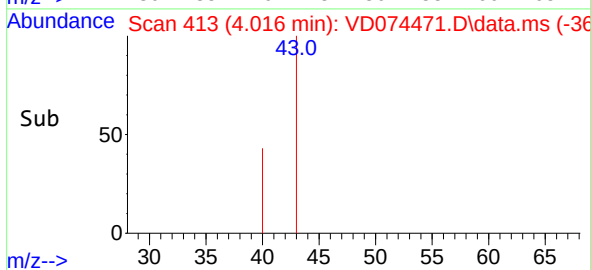
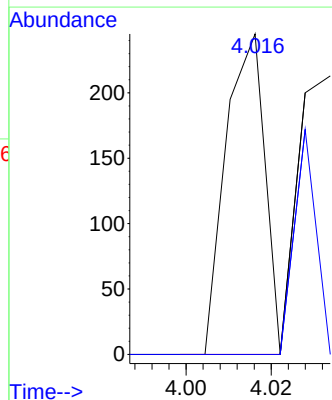
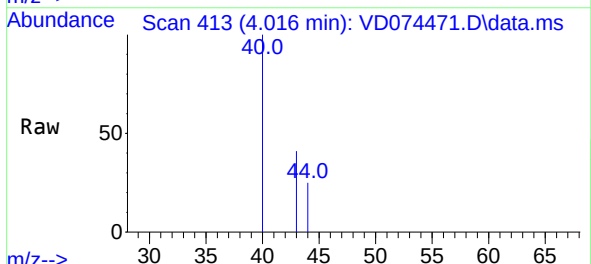
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

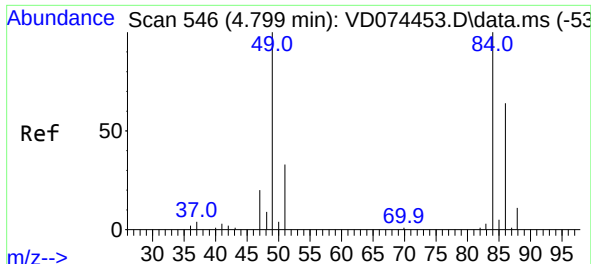
Tgt Ion: 59 Resp: 1111
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 12.424 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



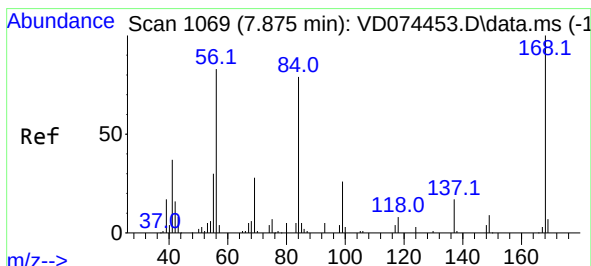
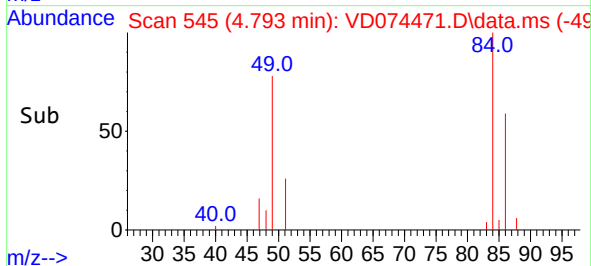
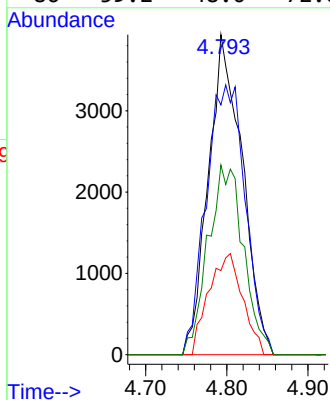
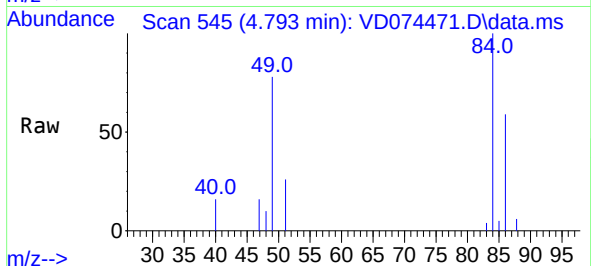


#20
Methylene Chloride
Concen: 1.199 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

Tgt Ion: 84 Resp: 11427

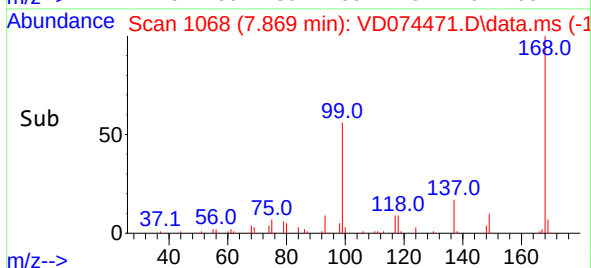
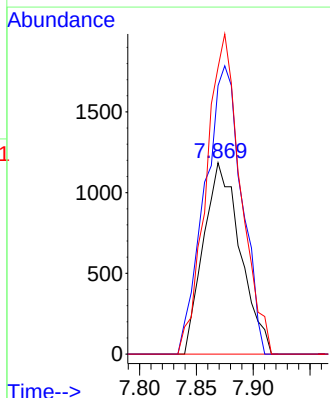
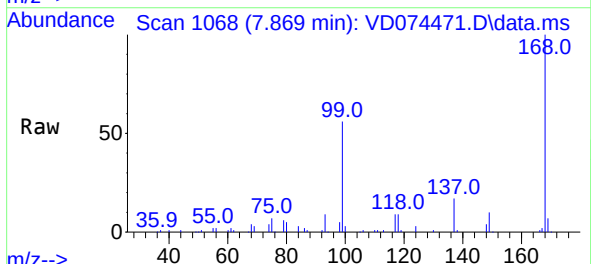
Ion	Ratio	Lower	Upper
84	100		
49	78.1	68.0	102.0
51	26.3	23.2	34.8
86	59.2	48.0	72.0

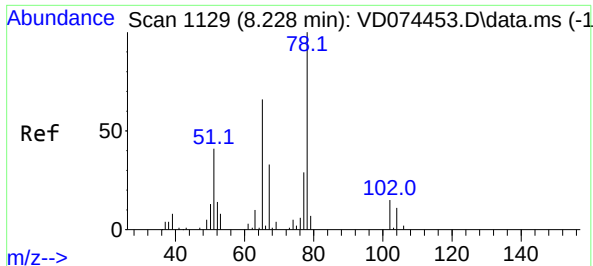


#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion: 56 Resp: 2670

Ion	Ratio	Lower	Upper
56	100		
69	140.3	29.2	43.8#
84	149.8	83.4	125.2#

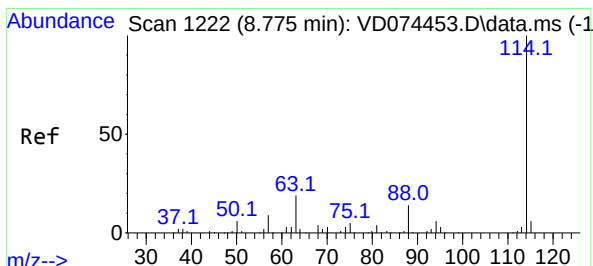
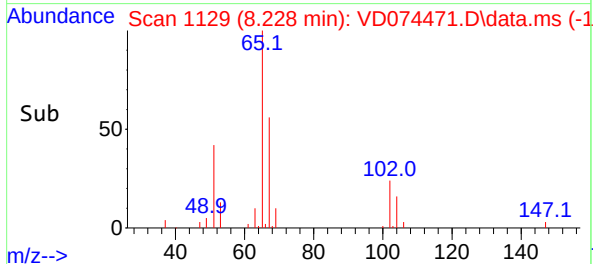
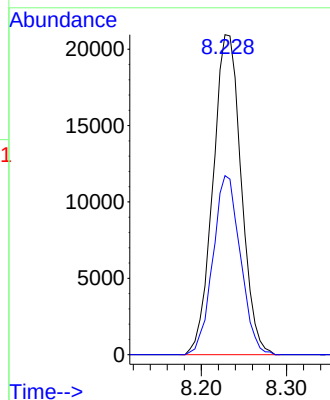
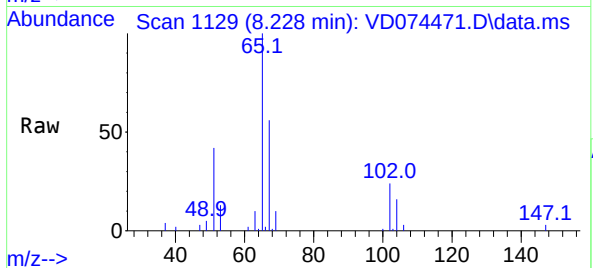




#33
1,2-Dichloroethane-d4
Concen: 40.804 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

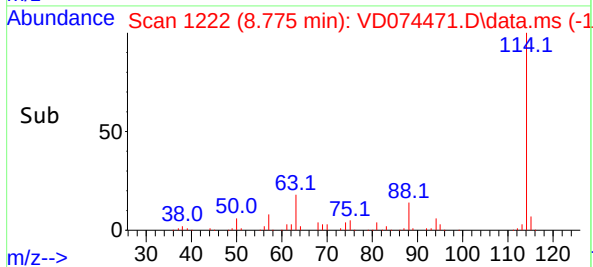
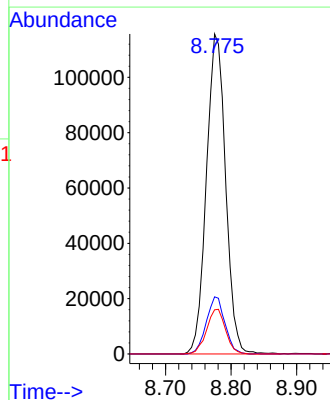
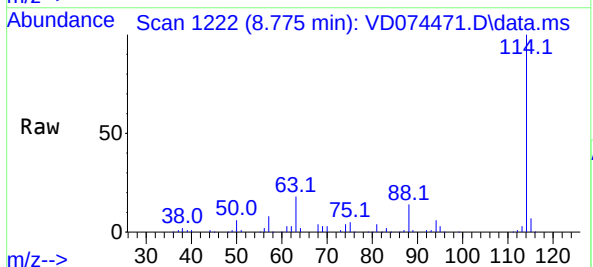
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

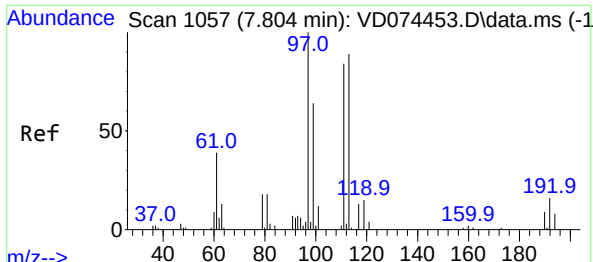
Tgt Ion: 65 Resp: 48257
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion: 114 Resp: 235672
Ion Ratio Lower Upper
114 100
63 17.9 0.0 33.2
88 13.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 43.147 ug/l

RT: 7.804 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD074471.D

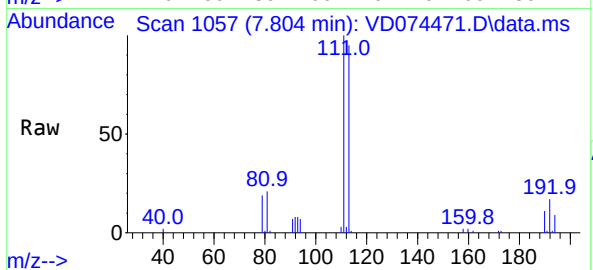
Acq: 06 Oct 2022 17:32

Instrument :

MSVOA_D

ClientSampleId :

SB-09-0-2.0



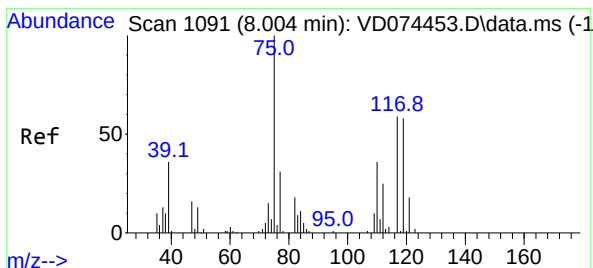
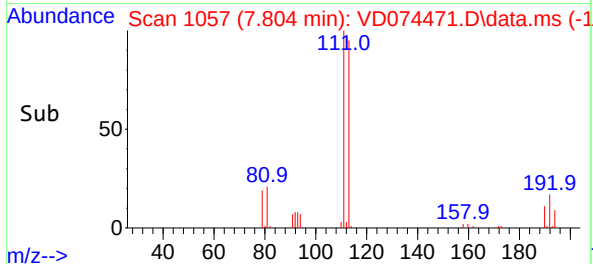
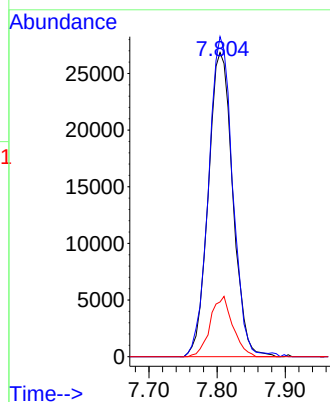
Tgt Ion:113 Resp: 67053

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 18.2 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.459 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074471.D

Acq: 06 Oct 2022 17:32

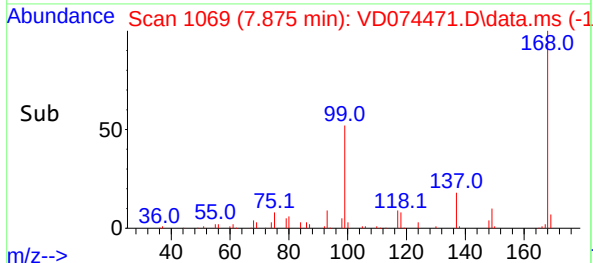
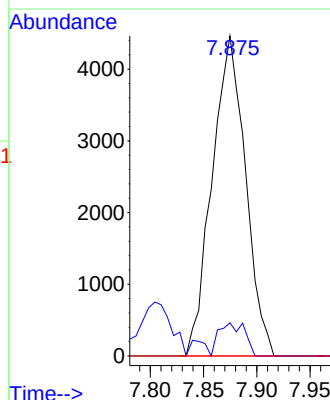
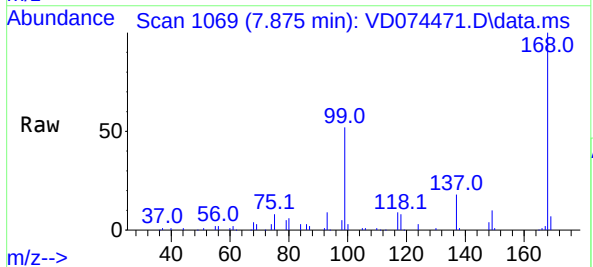
Tgt Ion: 75 Resp: 9727

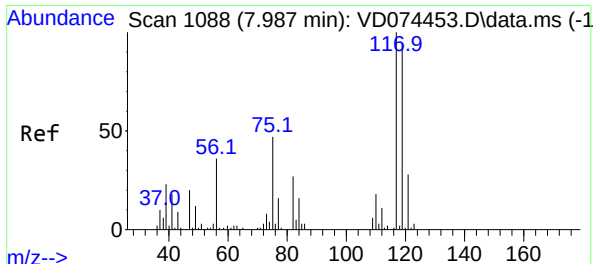
Ion Ratio Lower Upper

75 100

110 8.0 19.7 59.0#

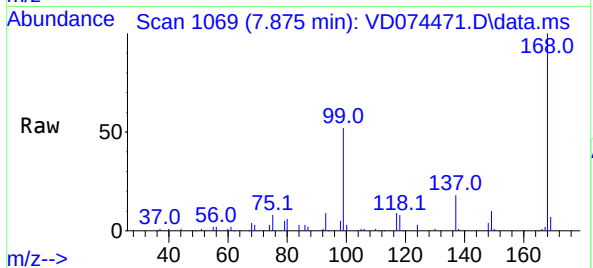
77 0.0 25.4 38.2#



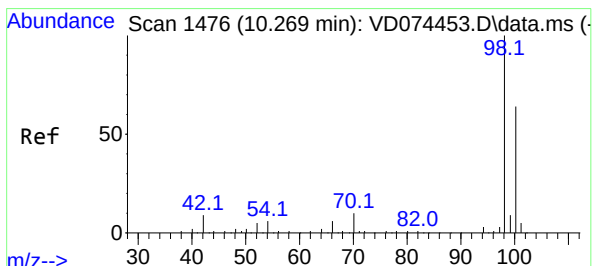
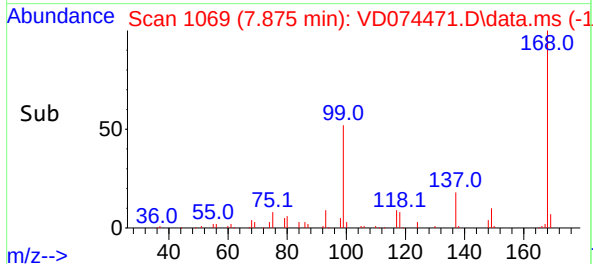
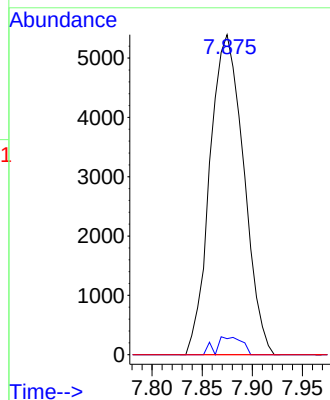


#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

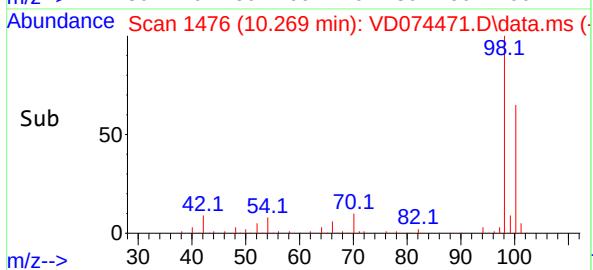
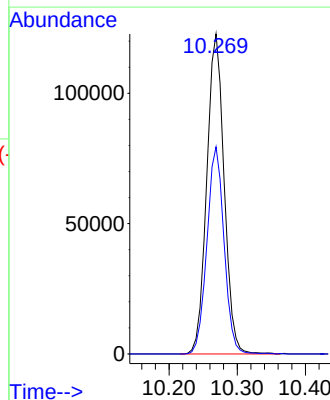
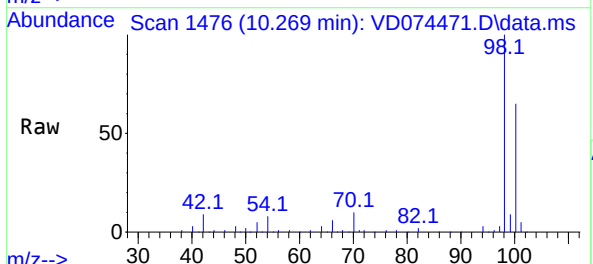


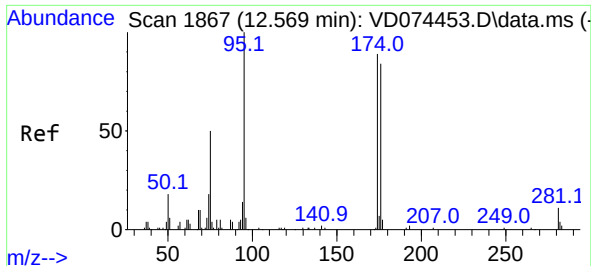
Tgt Ion:117 Resp: 12664
Ion Ratio Lower Upper
117 100
119 5.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 38.788 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion: 98 Resp: 217777
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

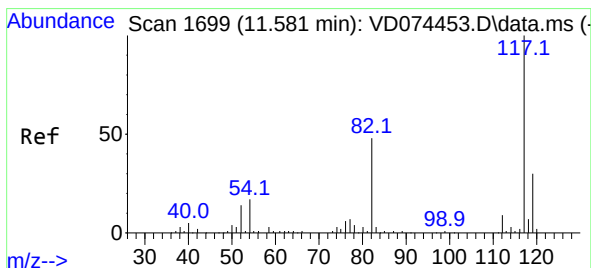
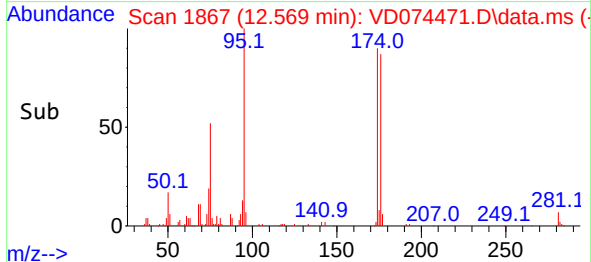
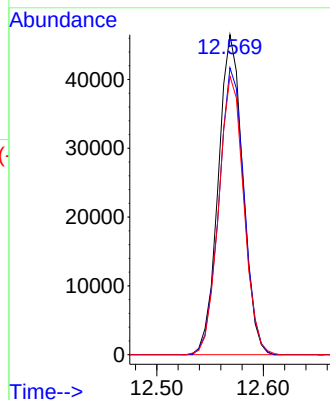
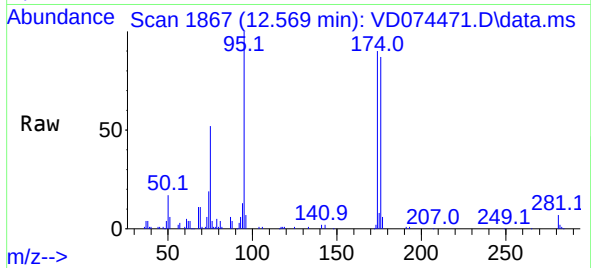




#62
4-Bromofluorobenzene
Concen: 41.246 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

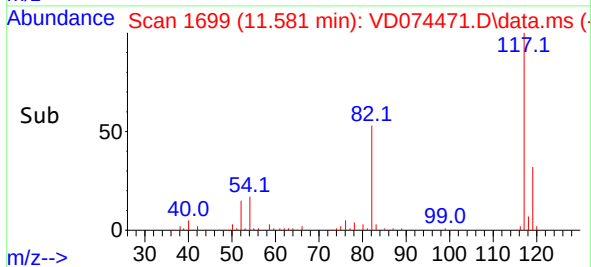
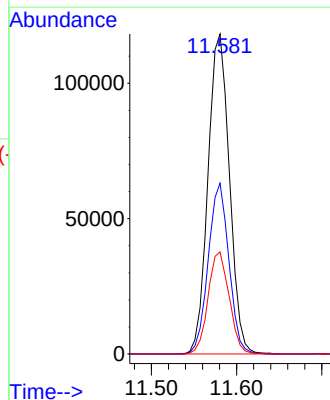
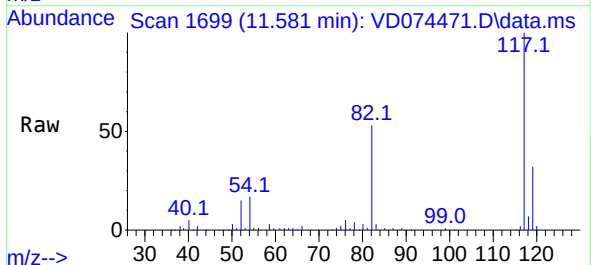
Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0

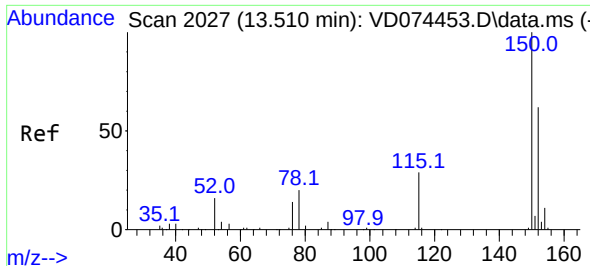
Tgt Ion: 95 Resp: 74250
Ion Ratio Lower Upper
95 100
174 91.7 0.0 197.0
176 88.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Tgt Ion: 117 Resp: 206663
Ion Ratio Lower Upper
117 100
82 53.4 41.6 62.4
119 31.9 25.2 37.8

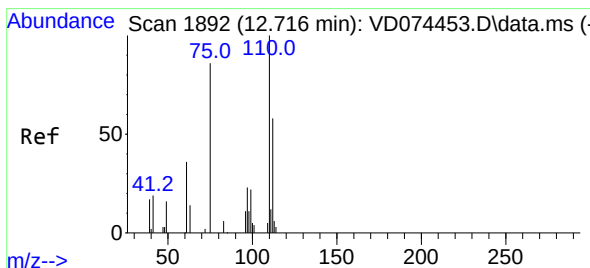
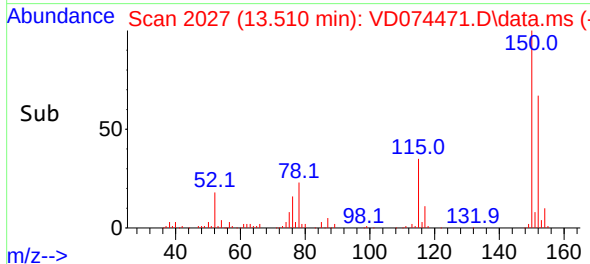
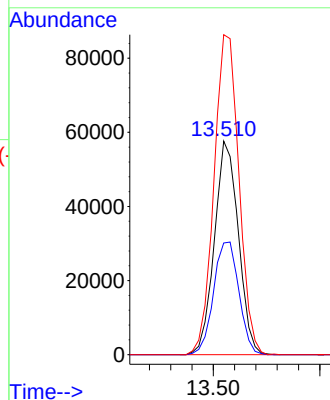
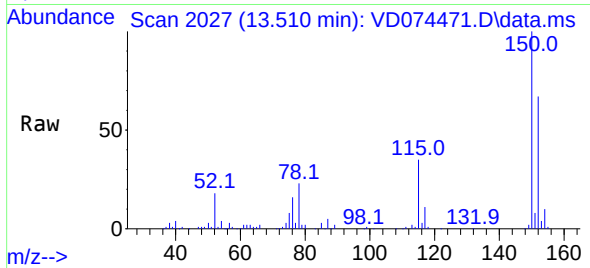




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074471.D
 Acq: 06 Oct 2022 17:32

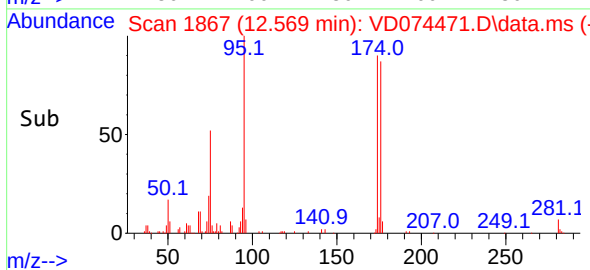
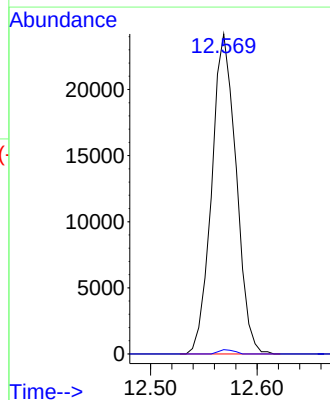
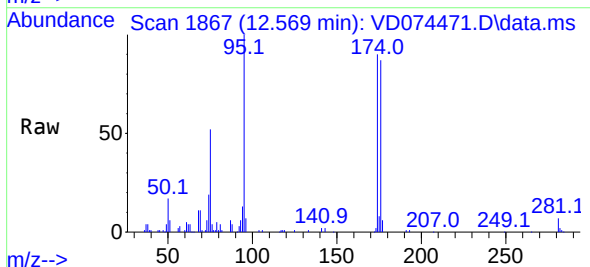
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-0-2.0

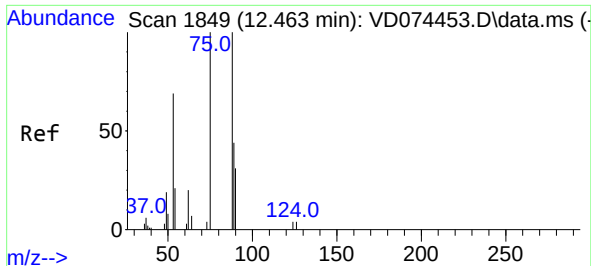
Tgt Ion:152 Resp: 89980
 Ion Ratio Lower Upper
 152 100
 115 55.8 26.8 80.4
 150 155.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 55.839 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074471.D
 Acq: 06 Oct 2022 17:32

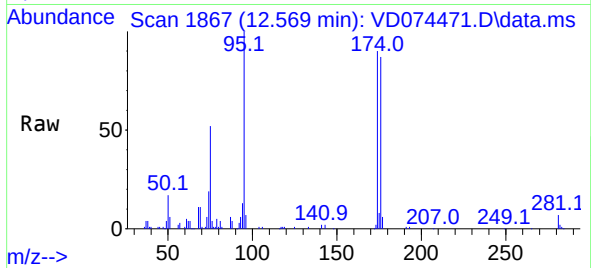
Tgt Ion: 75 Resp: 38569
 Ion Ratio Lower Upper
 75 100
 77 0.8 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 124.583 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074471.D
Acq: 06 Oct 2022 17:32

Instrument :
MSVOA_D
ClientSampleId :
SB-09-0-2.0



Tgt Ion: 75 Resp: 38569
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

