

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075670.D
 Acq On : 13 Apr 2023 20:06
 Operator : KP/SY
 Sample : 02301-01
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE-VOC

Quant Time: Apr 14 01:37:09 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)

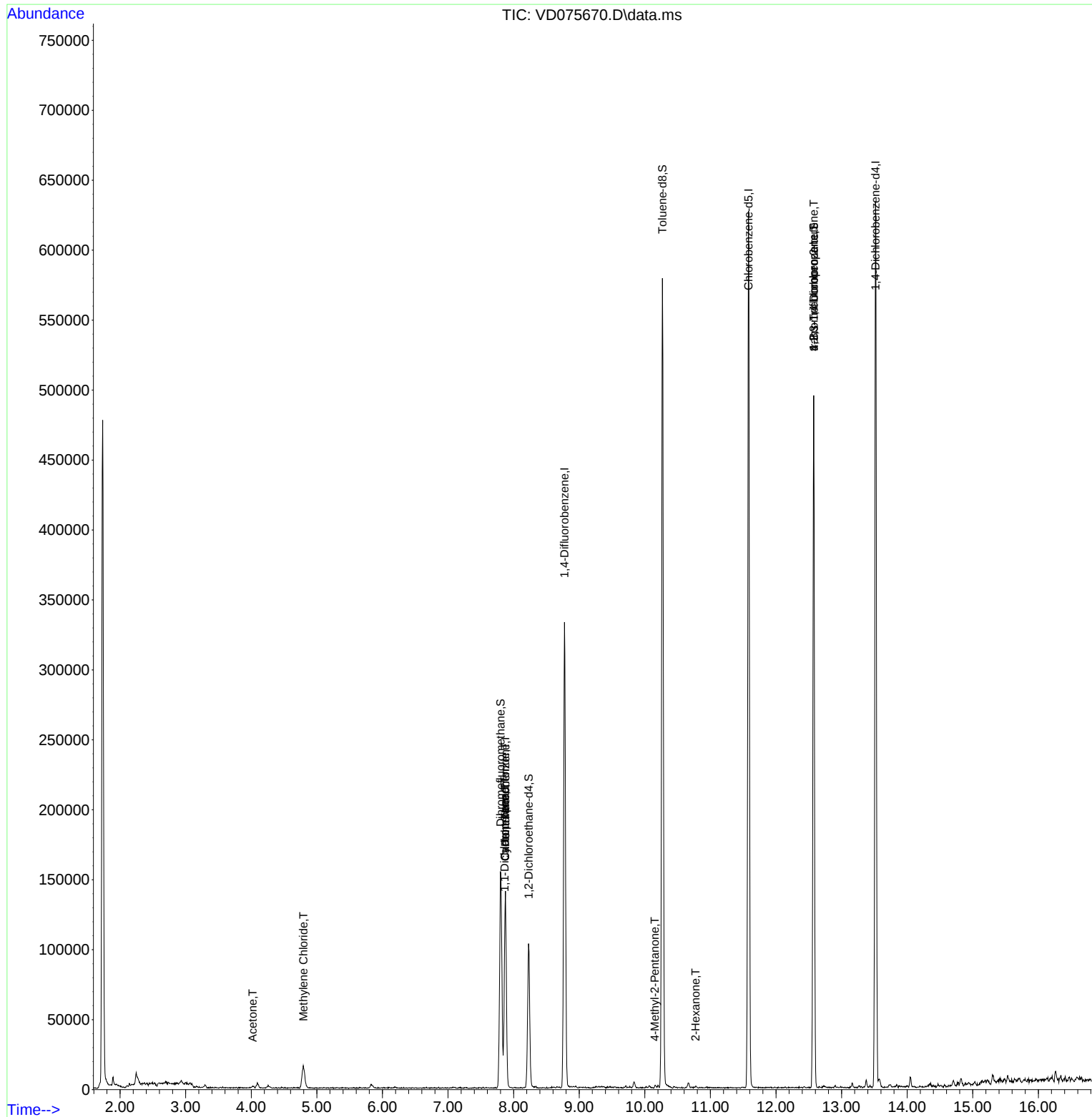
Internal Standards						
1) Pentafluorobenzene	7.875	168	110538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	315715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	389373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	183645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77416	73.784	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 147.560%		
35) Dibromofluoromethane	7.799	113	114857	54.089	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.180%		
50) Toluene-d8	10.269	98	434085	51.046	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.100%		
62) 4-Bromofluorobenzene	12.575	95	153972	68.121	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 136.240%		
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2064	10.738	ug/l #	81
20) Methylene Chloride	4.793	84	13657	5.037	ug/l #	68
31) Cyclohexane	7.869	56	2401	1.458	ug/l #	1
36) 1,1-Dichloropropene	7.863	75	7995	2.729	ug/l #	49
38) Carbon Tetrachloride	7.869	117	10705	4.150	ug/l #	13
51) 4-Methyl-2-Pentanone	10.152	43	1092	1.260	ug/l	97
59) 2-Hexanone	10.775	43	630	1.034	ug/l	66
76) 1,2,3-Trichloropropane	12.575	75	75720	50.561	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	75720	109.585	ug/l #	5

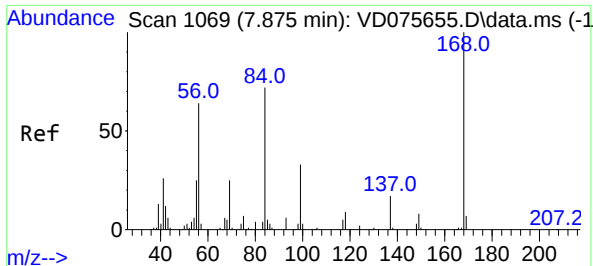
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WASTE-VOC

Quant Time: Apr 14 01:37:09 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

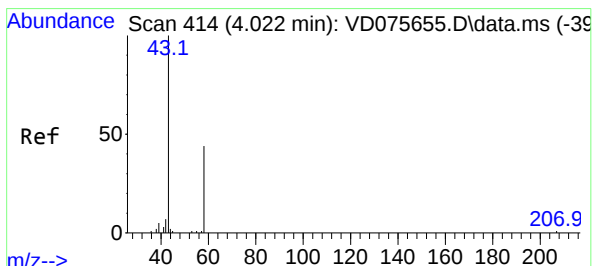
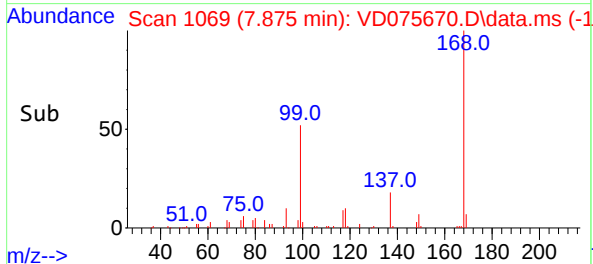
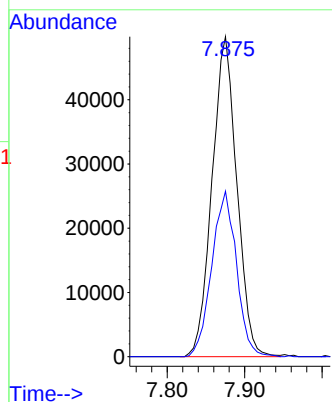
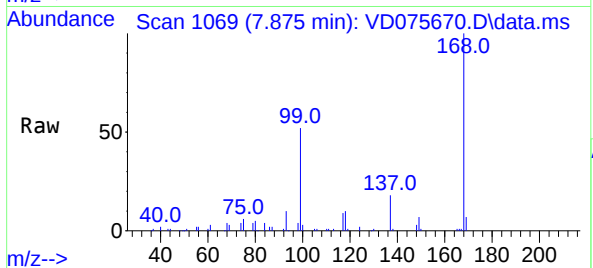




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

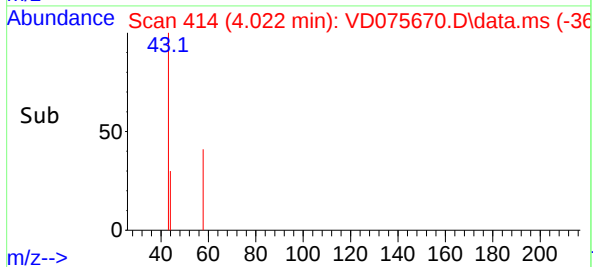
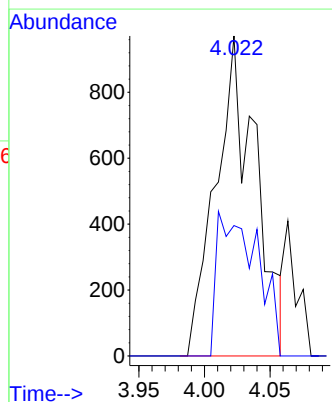
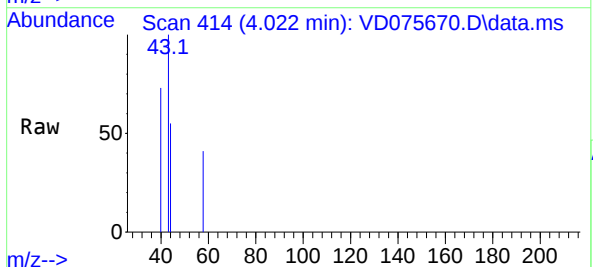
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

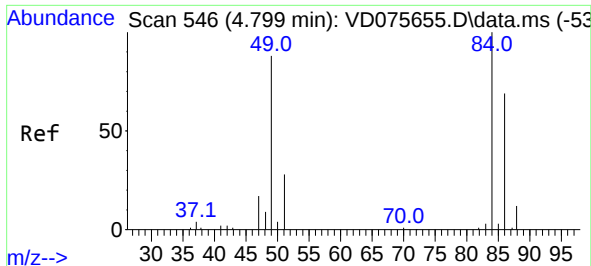
Tgt Ion:168 Resp: 110538
Ion Ratio Lower Upper
168 100
99 51.7 43.8 65.6



#16
Acetone
Concen: 10.738 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
58 40.8 24.4 36.6#

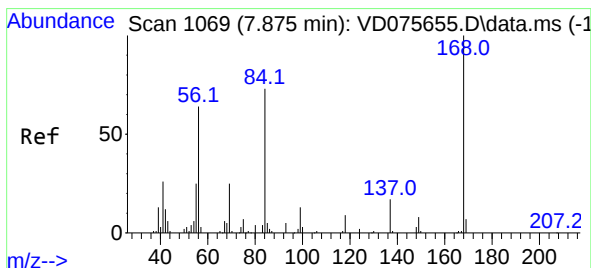
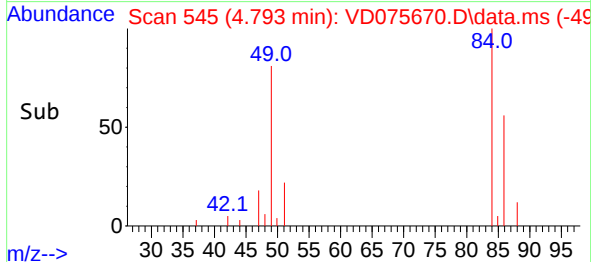
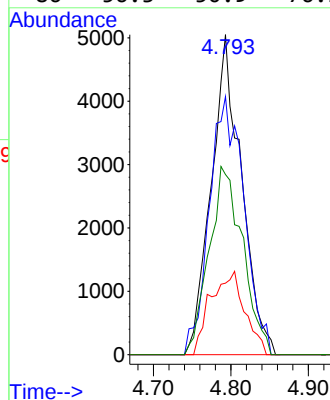
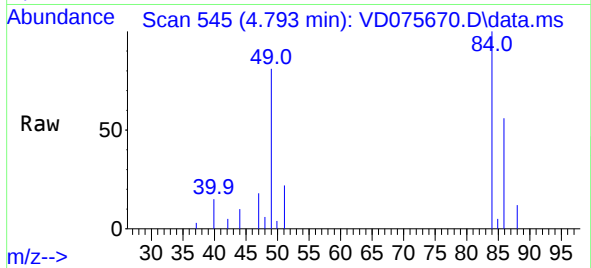




#20
Methylene Chloride
Concen: 5.037 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

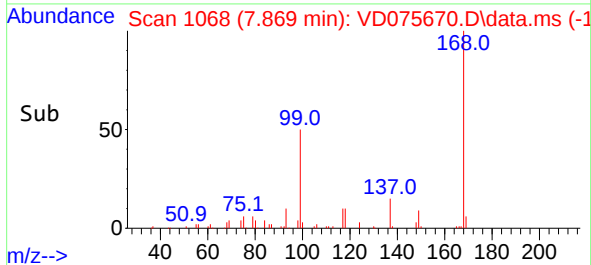
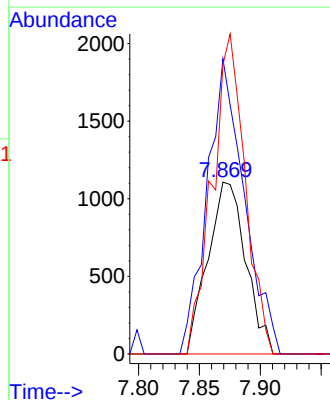
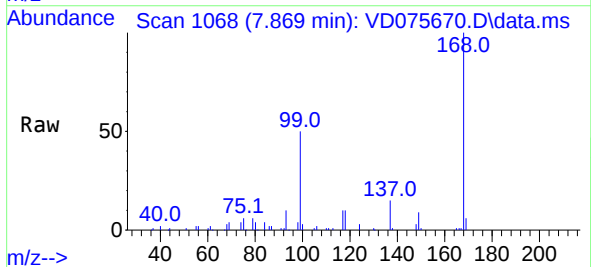
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

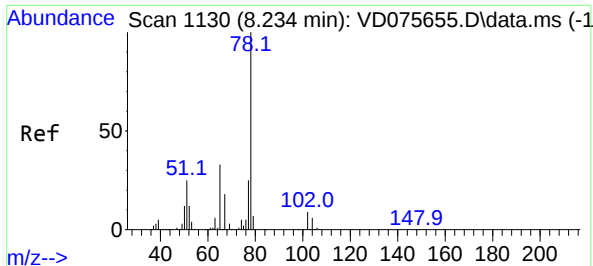
Tgt Ion: 84	Resp: 13657
Ion Ratio	Lower Upper
84 100	
49 80.7	106.4 159.6#
51 22.4	32.4 48.6#
86 56.3	50.9 76.3



#31
Cyclohexane
Concen: 1.458 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion: 56	Resp:	2401	
Ion Ratio	Lower	Upper	
56	100		
69	171.8	25.5	38.3#
84	168.3	69.6	104.4#

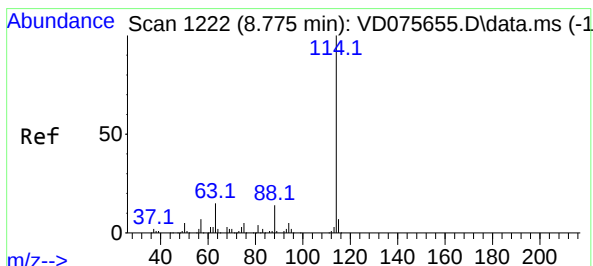
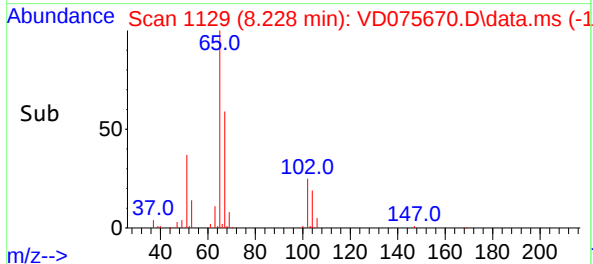
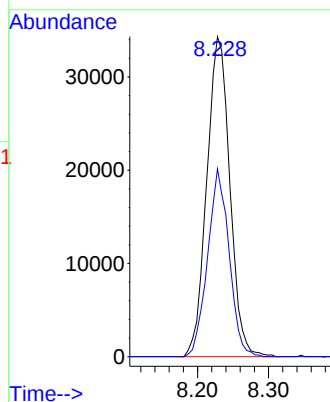
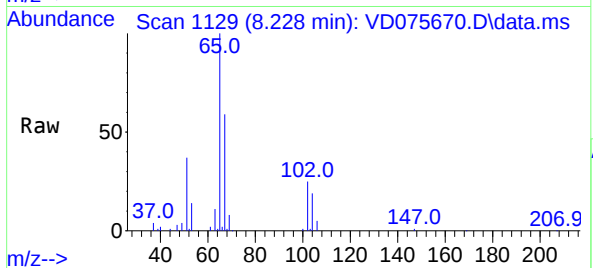




#33
1,2-Dichloroethane-d4
Concen: 73.784 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

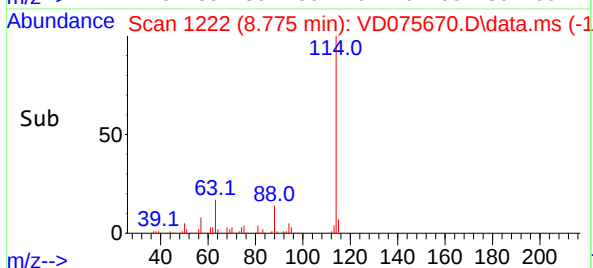
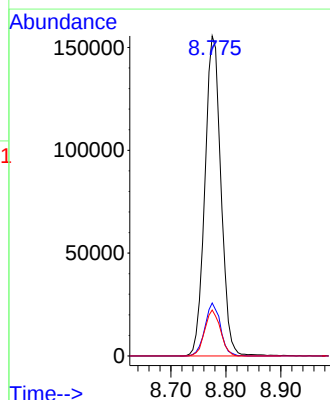
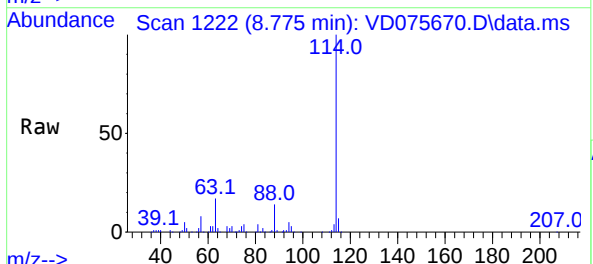
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

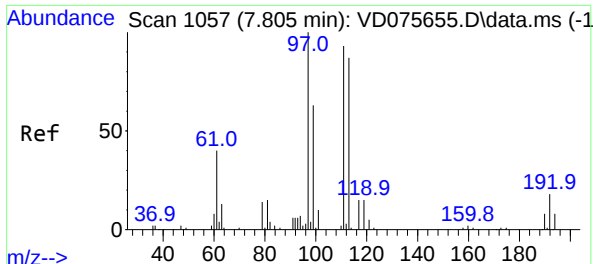
Tgt Ion: 65 Resp: 77416
Ion Ratio Lower Upper
65 100
67 54.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion:114 Resp: 315715
Ion Ratio Lower Upper
114 100
63 16.6 0.0 41.6
88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.089 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD075670.D

Acq: 13 Apr 2023 20:06

Instrument :

MSVOA_D

ClientSampleId :

WASTE-VOC

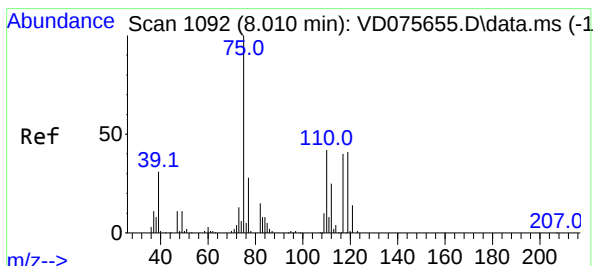
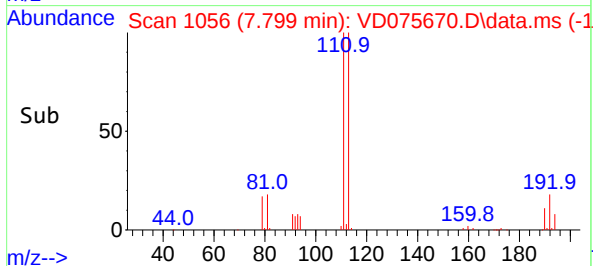
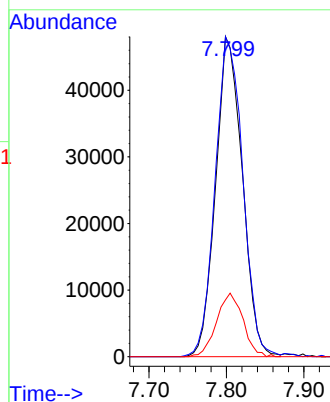
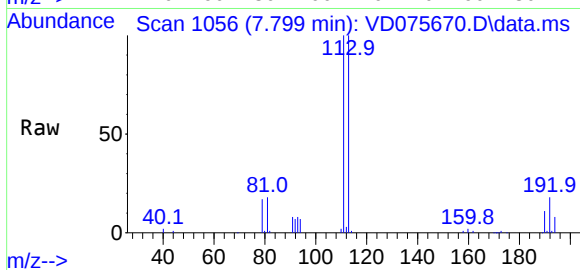
Tgt Ion:113 Resp: 114857

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 19.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 2.729 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VD075670.D

Acq: 13 Apr 2023 20:06

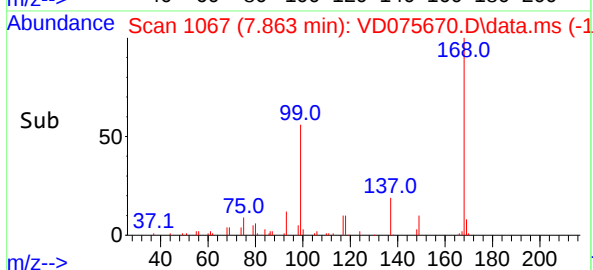
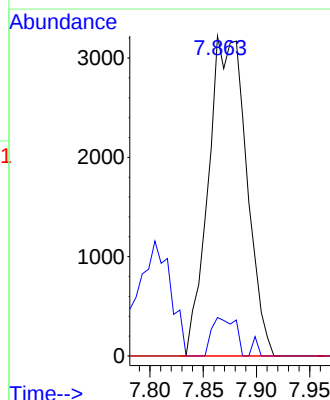
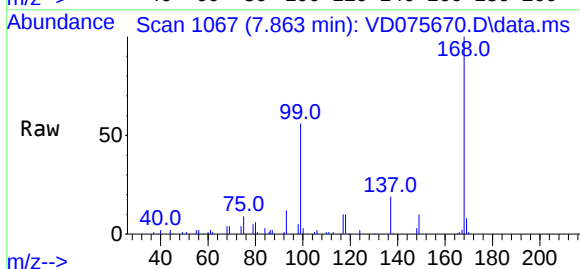
Tgt Ion: 75 Resp: 7995

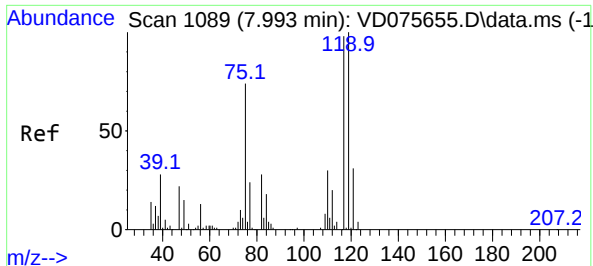
Ion Ratio Lower Upper

75 100

110 7.5 17.1 51.2#

77 0.0 24.6 36.8#

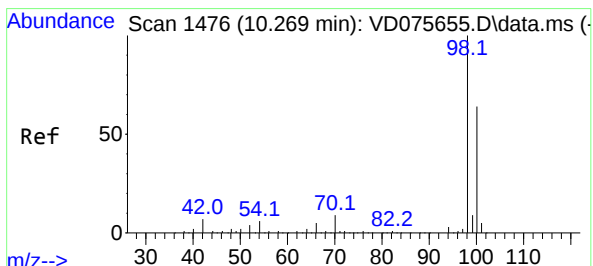
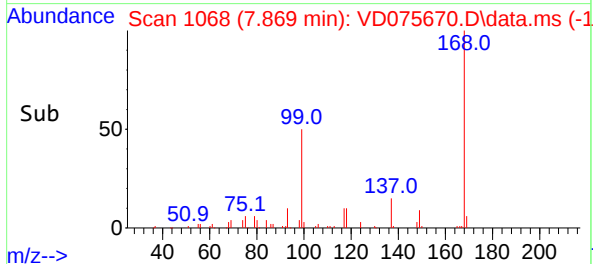
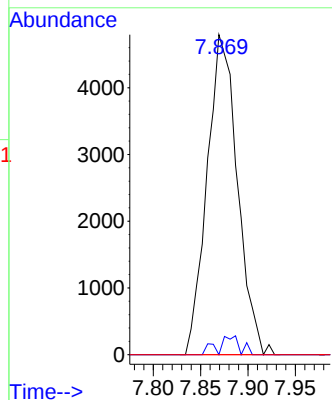
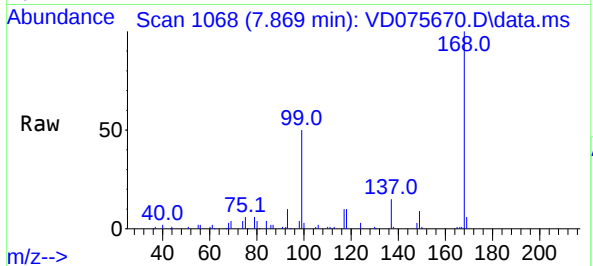




#38
Carbon Tetrachloride
Concen: 4.150 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

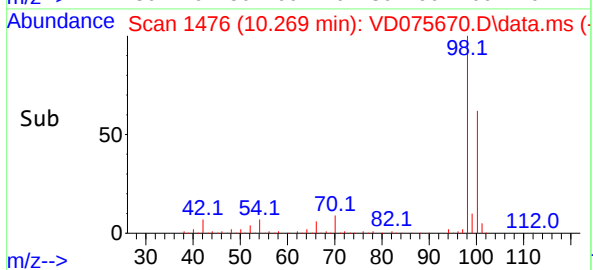
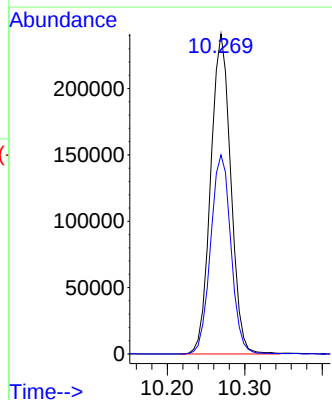
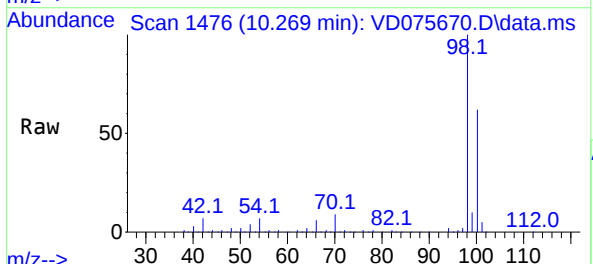
Instrument :
MSVOA_D
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WASTE-VOC

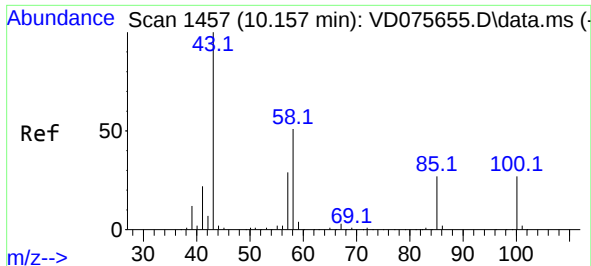
Tgt Ion:117 Resp: 10705
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 51.046 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion: 98 Resp: 434085
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.260 ug/l

RT: 10.152 min Scan# 1457

Delta R.T. -0.005 min

Lab File: VD075670.D

Acq: 13 Apr 2023 20:06

Instrument :

MSVOA_D

ClientSampleId :

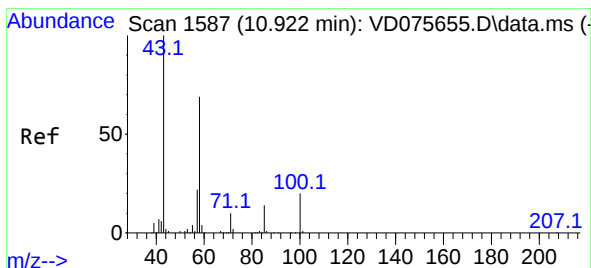
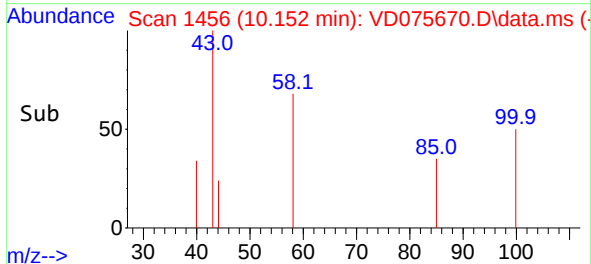
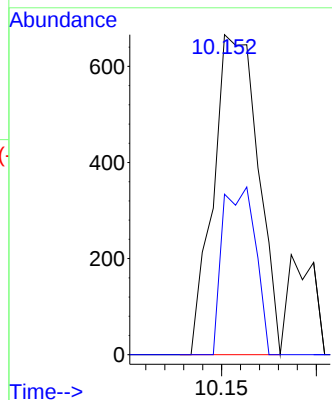
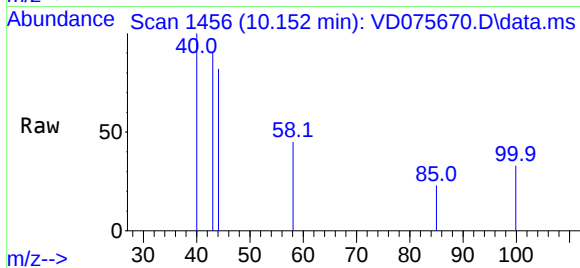
WASTE-VOC

Tgt Ion: 43 Resp: 1092

Ion Ratio Lower Upper

43 100

58 38.6 29.5 44.3



#59

2-Hexanone

Concen: 1.034 ug/l

RT: 10.775 min Scan# 1562

Delta R.T. -0.147 min

Lab File: VD075670.D

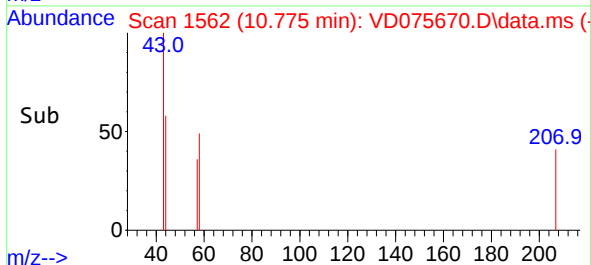
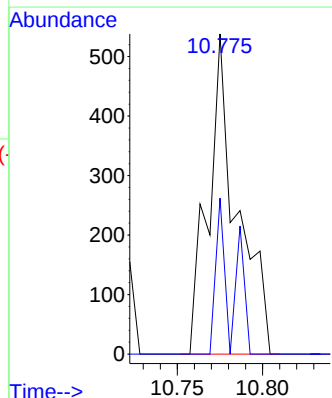
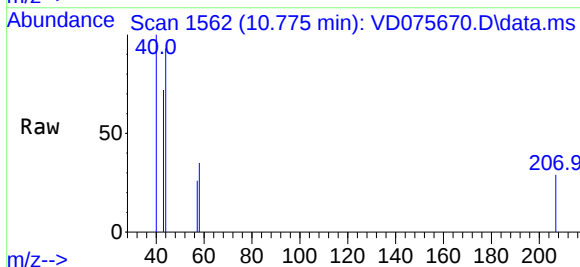
Acq: 13 Apr 2023 20:06

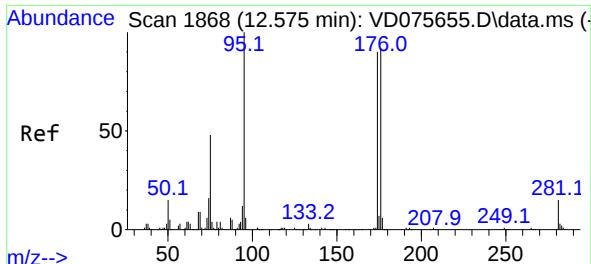
Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

58 26.7 25.3 75.8



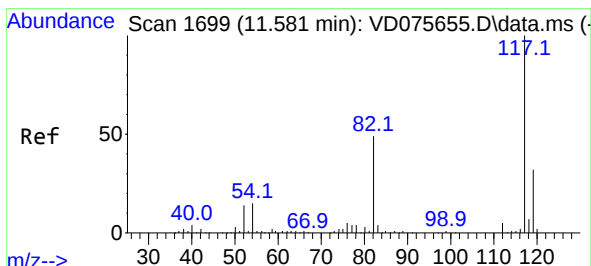
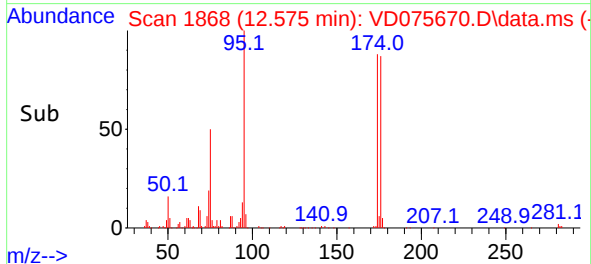
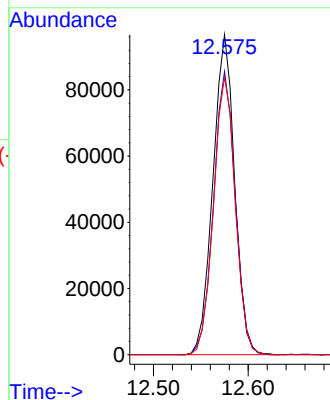
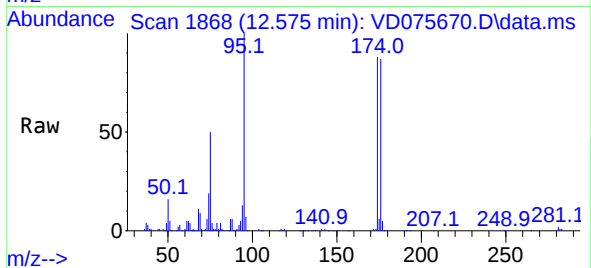


#62
4-Bromofluorobenzene
Concen: 68.121 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

Tgt Ion: 95 Resp: 153972

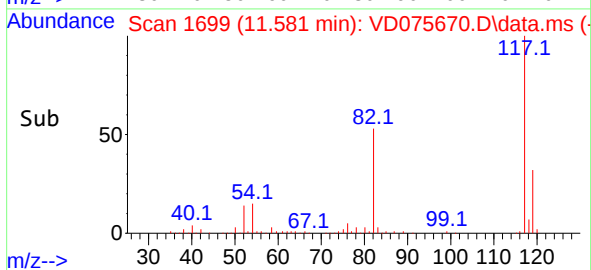
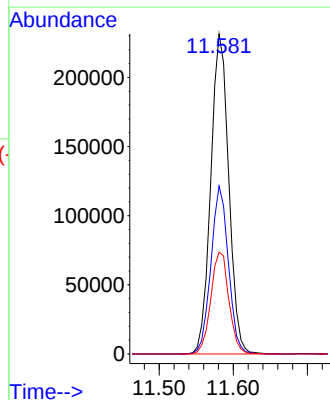
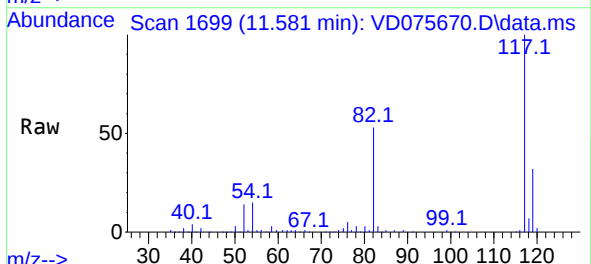
Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	164.0
176	86.6	0.0	156.8

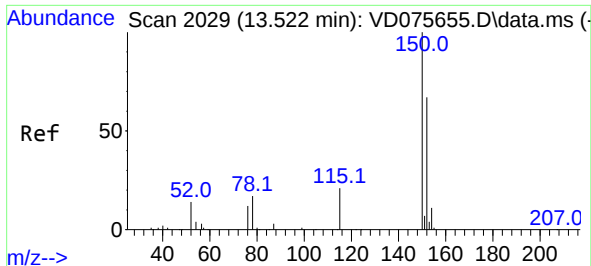


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion: 117 Resp: 389373

Ion	Ratio	Lower	Upper
117	100		
82	52.5	44.0	66.0
119	31.8	25.1	37.7

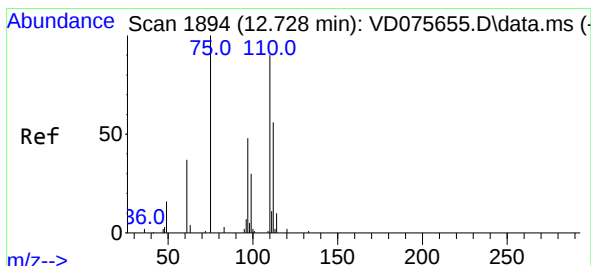
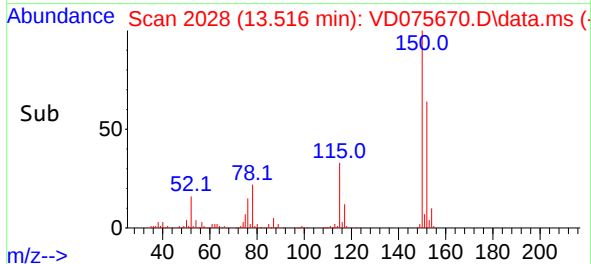
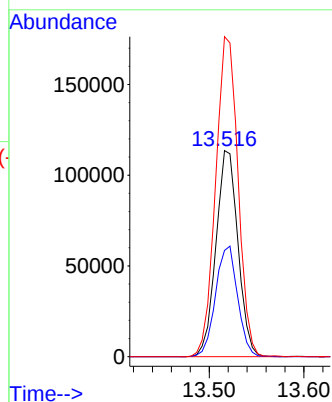
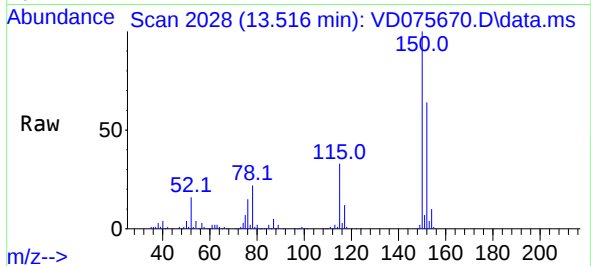




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

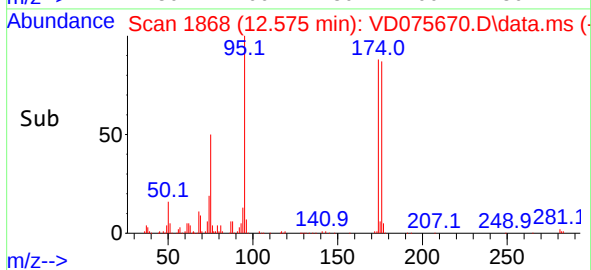
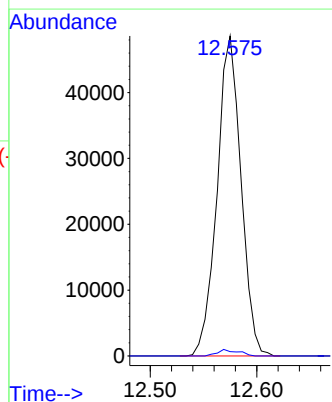
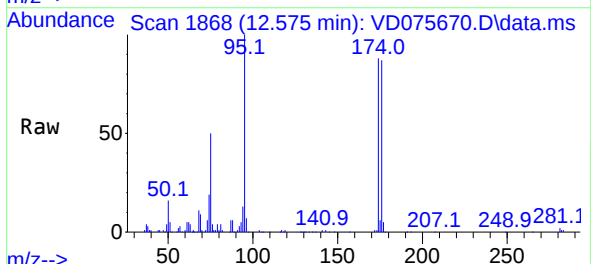
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

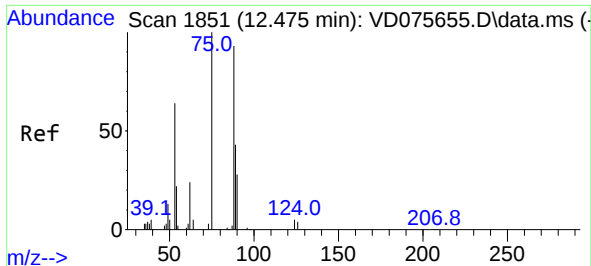
Tgt Ion:152 Resp: 183645
Ion Ratio Lower Upper
152 100
115 53.8 30.1 90.3
150 158.0 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 50.561 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion: 75 Resp: 75720
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.585 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

Tgt Ion: 75 Resp: 75720
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.1 40.2 60.4#

