

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054078.D
 Acq On : 08 May 2023 14:22
 Operator : JC/MD
 Sample : 02662-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 04:39:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

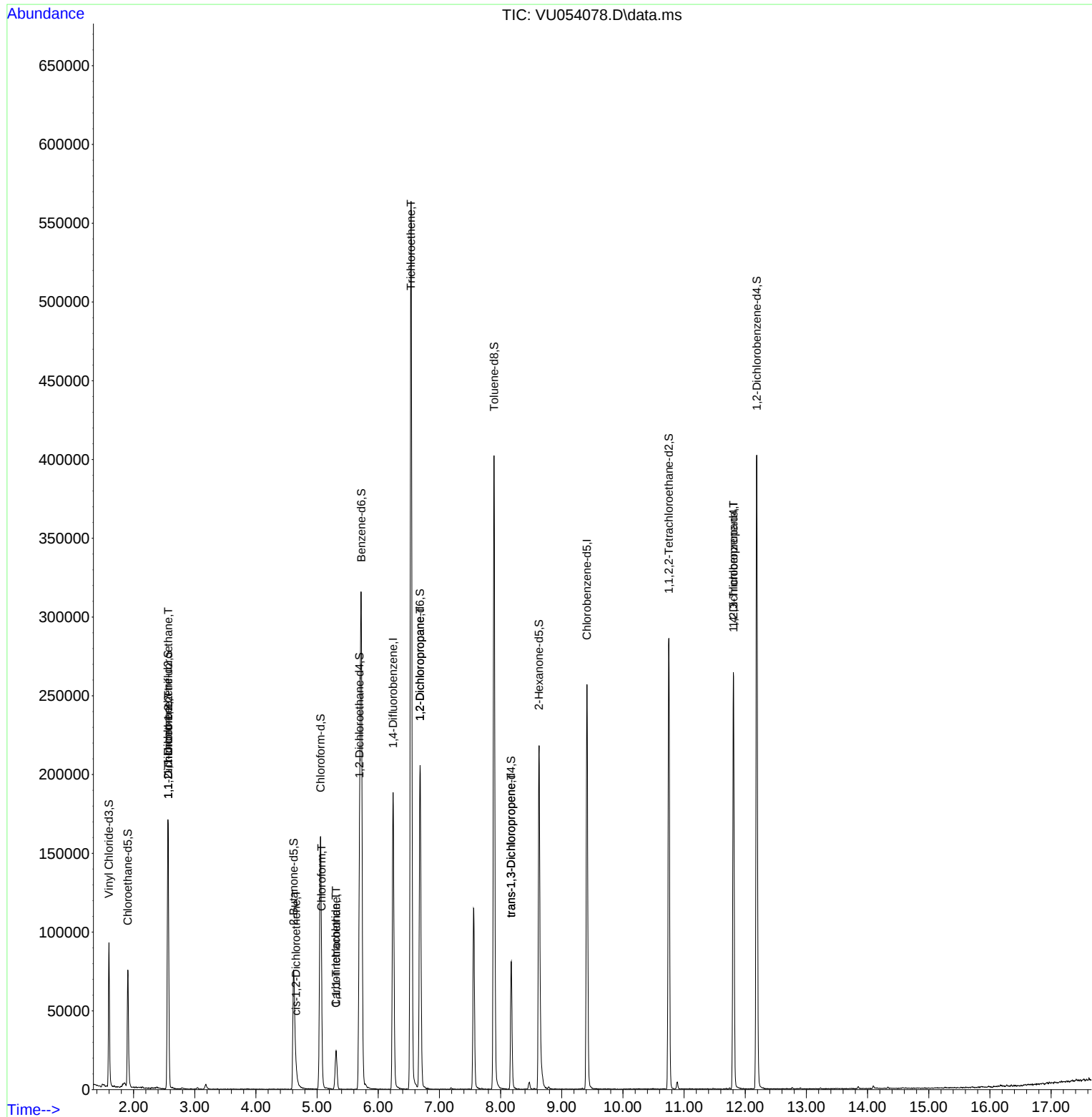
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	153166	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	149304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69898	60.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 120.680%			
7) Chloroethane-d5	1.906	69	58584	77.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 154.080%#			
11) 1,1-Dichloroethene-d2	2.562	63	104049	50.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.280%			
21) 2-Butanone-d5	4.616	46	114901	173.912	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 173.910%#			
24) Chloroform-d	5.057	84	153770	72.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 144.560%#			
26) 1,2-Dichloroethane-d4	5.694	65	103455	75.734	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 151.460%#			
32) Benzene-d6	5.722	84	297118	67.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 135.220%#			
36) 1,2-Dichloropropane-d6	6.684	67	97390	70.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 140.400%#			
41) Toluene-d8	7.893	98	269000	67.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 135.600%#			
43) trans-1,3-Dichloroprop...	8.173	79	47373	68.998	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 138.000%#			
47) 2-Hexanone-d5	8.626	63	72716	146.332	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 146.330%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	139853	76.528	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 153.060%#			
66) 1,2-Dichlorobenzene-d4	12.188	152	110025	76.288	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 152.580%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1782	1.738	ug/L #	48
12) 1,1-Dichloroethene	2.568	96	1202	1.353	ug/L #	1
20) cis-1,2-Dichloroethene	4.655	96	2414	2.162	ug/L	83
25) Chloroform	5.073	83	1242	0.603	ug/L #	57
30) 1,1,1-Trichloroethane	5.311	97	18389	9.881	ug/L	98
31) Carbon tetrachloride	5.308	117	2205	1.389	ug/L #	56
34) Trichloroethene	6.536	95	191398	165.940	ug/L	98
37) 1,2-Dichloropropane	6.684	63	10549	8.580	ug/L #	87
44) trans-1,3-Dichloropropene	8.173	75	2227	1.218	ug/L	96
60) 1,2,3-Trichloropropane	11.806	75	8297	6.050	ug/L #	64

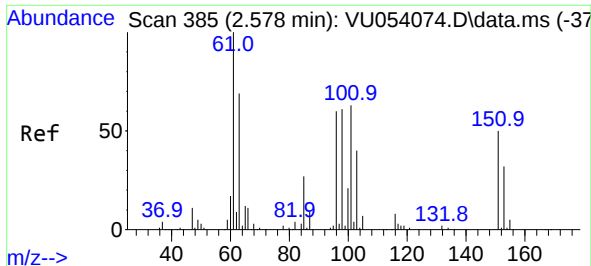
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
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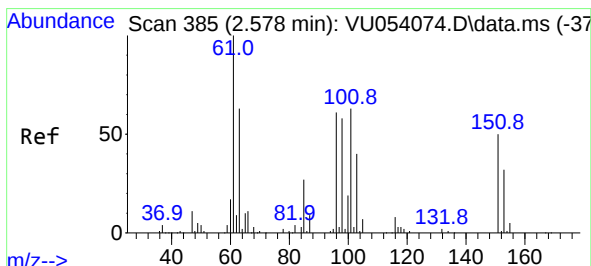
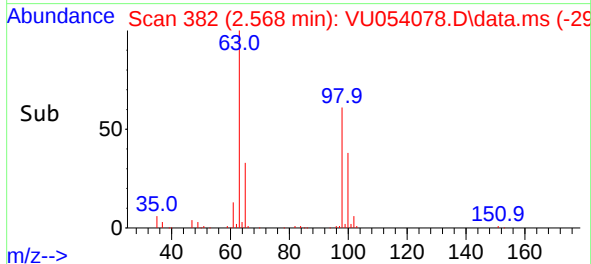
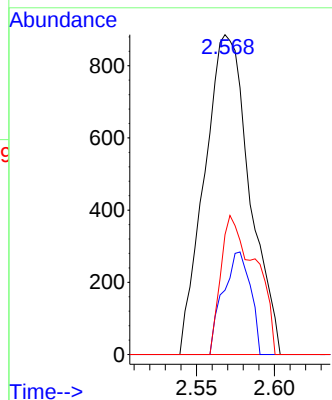
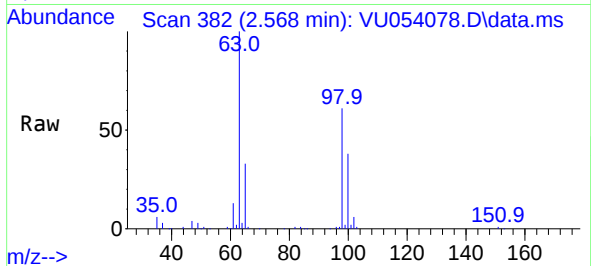




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.738 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU054078.D
 Acq: 08 May 2023 14:22

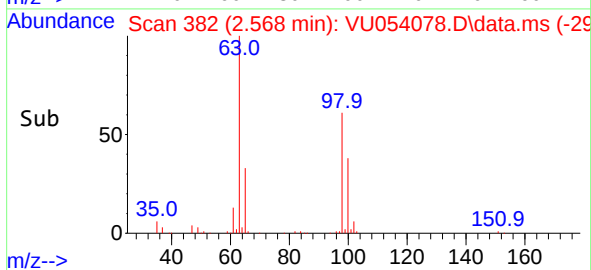
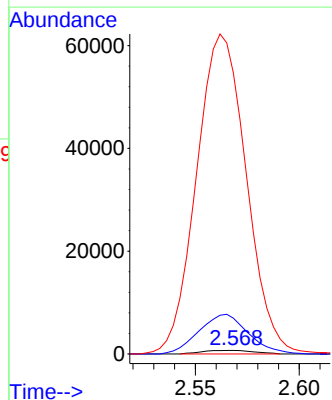
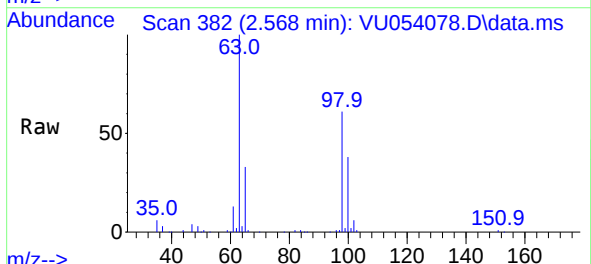
Instrument :
 MSVOA_U
 ClientSampleId :

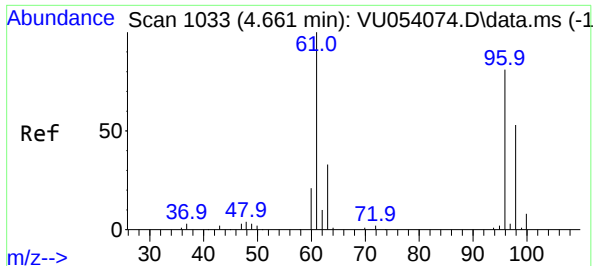
Tgt Ion:101 Resp: 1782
 Ion Ratio Lower Upper
 101 100
 85 19.4 34.3 51.5#
 151 24.1 60.3 90.5#



#12
 1,1-Dichloroethene
 Concen: 1.353 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU054078.D
 Acq: 08 May 2023 14:22

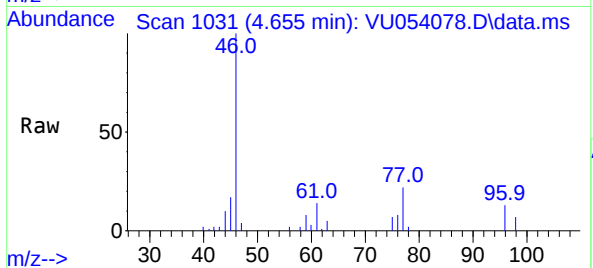
Tgt Ion: 96 Resp: 1202
 Ion Ratio Lower Upper
 96 100
 61 995.0 118.3 219.7#
 63 7819.4 92.3 171.5#





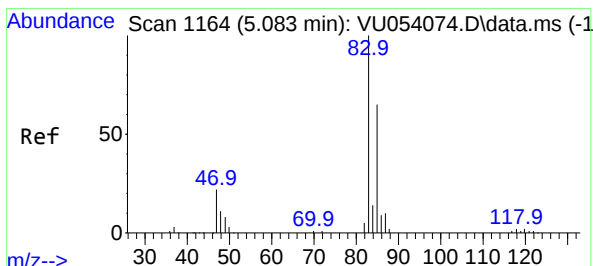
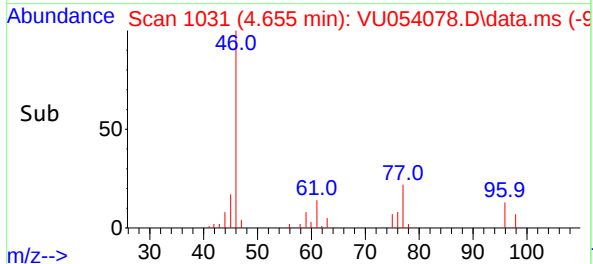
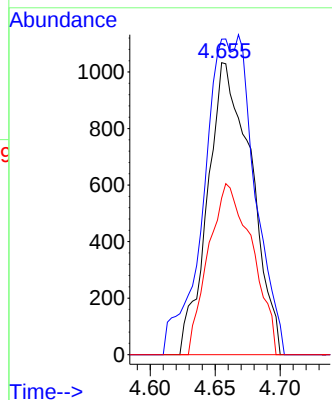
#20
cis-1,2-Dichloroethene
Concen: 2.162 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VU054078.D
Acq: 08 May 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 2414

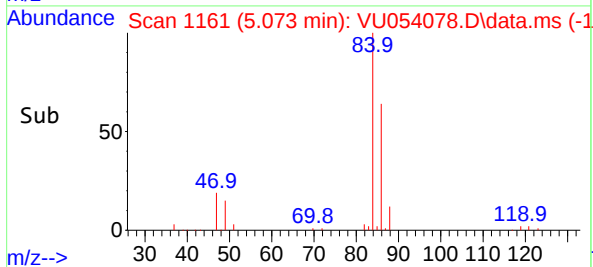
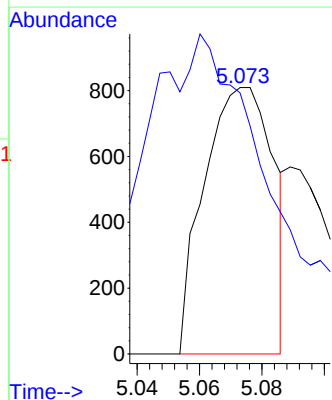
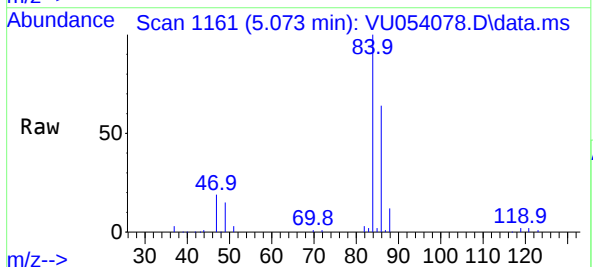
Ion	Ratio	Lower	Upper
96	100		
61	108.0	90.9	168.9
98	53.6	45.7	84.9

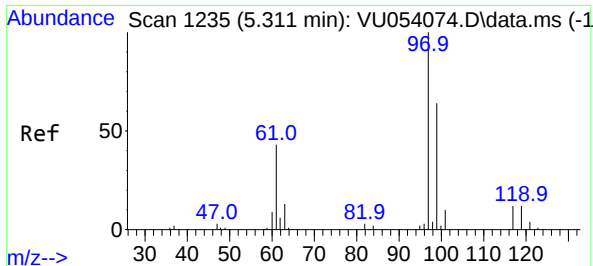


#25
Chloroform
Concen: 0.603 ug/L
RT: 5.073 min Scan# 1161
Delta R.T. -0.010 min
Lab File: VU054078.D
Acq: 08 May 2023 14:22

Tgt Ion: 83 Resp: 1242

Ion	Ratio	Lower	Upper
83	100		
85	98.0	45.2	84.0#

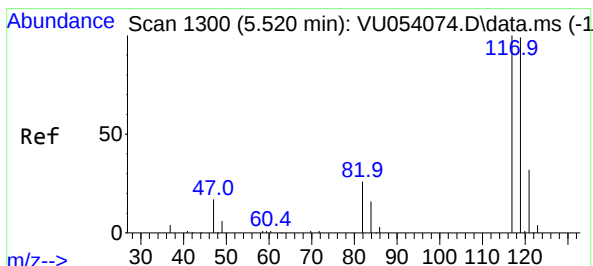
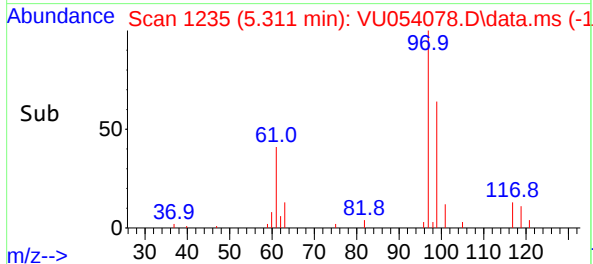
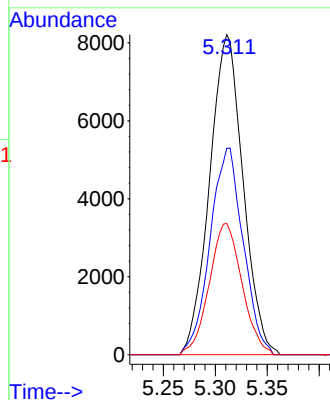
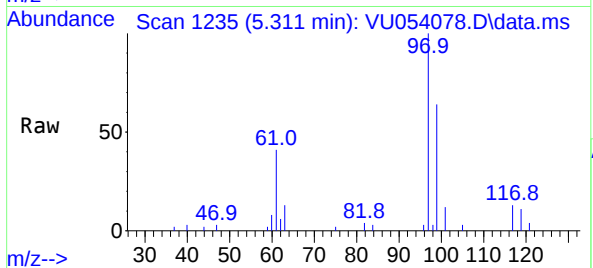




#30
1,1,1-Trichloroethane
Concen: 9.881 ug/L
RT: 5.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054078.D
Acq: 08 May 2023 14:22

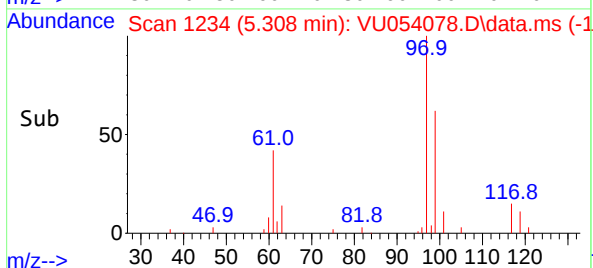
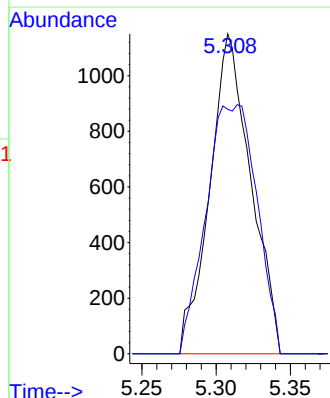
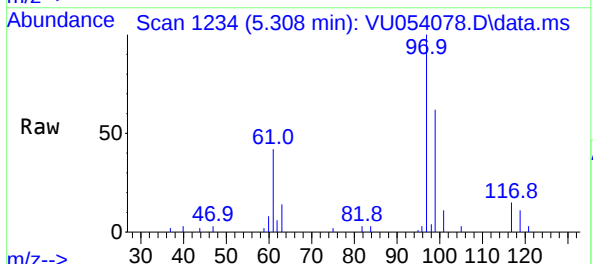
Instrument :
MSVOA_U
ClientSampleId :

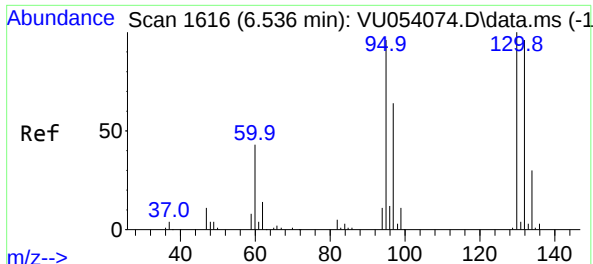
Tgt Ion: 97 Resp: 18389
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 40.1 34.2 51.4



#31
Carbon tetrachloride
Concen: 1.389 ug/L
RT: 5.308 min Scan# 1234
Delta R.T. -0.212 min
Lab File: VU054078.D
Acq: 08 May 2023 14:22

Tgt Ion:117 Resp: 2205
Ion Ratio Lower Upper
117 100
119 53.4 77.8 116.6#





#34

Trichloroethene

Concen: 165.940 ug/L

RT: 6.536 min Scan# 1

Delta R.T. 0.000 min

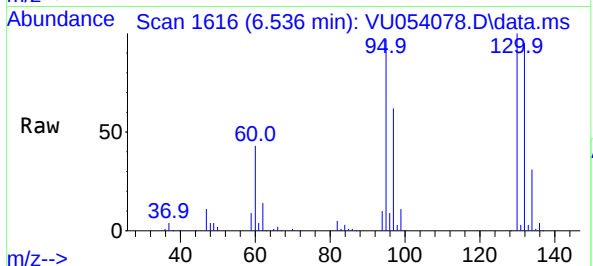
Lab File: VU054078.D

Acq: 08 May 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 191398

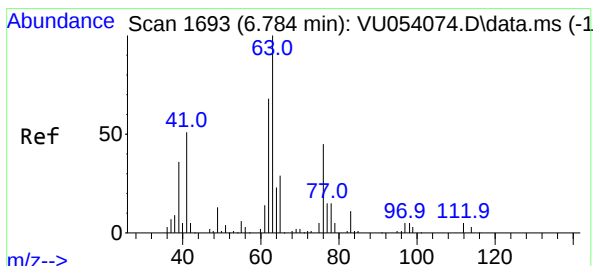
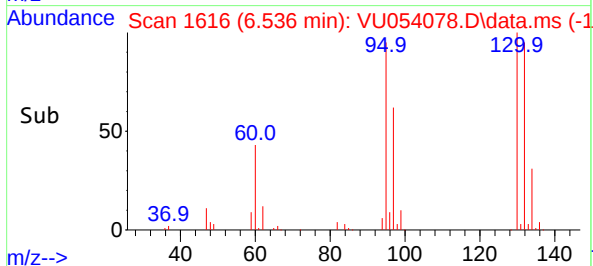
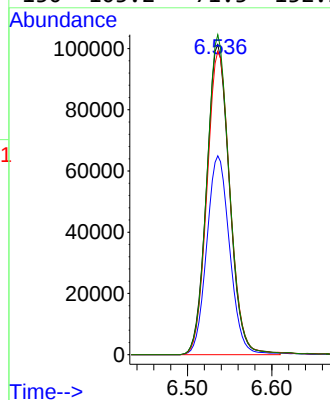
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.3

132 97.8 67.8 126.0

130 103.2 71.3 132.3



#37

1,2-Dichloropropane

Concen: 8.580 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU054078.D

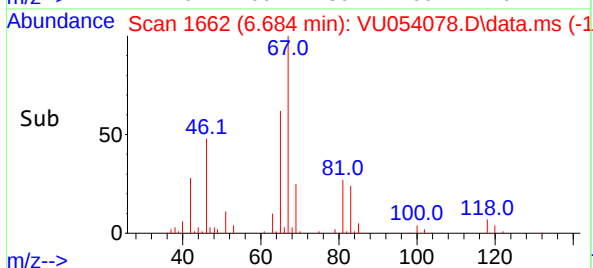
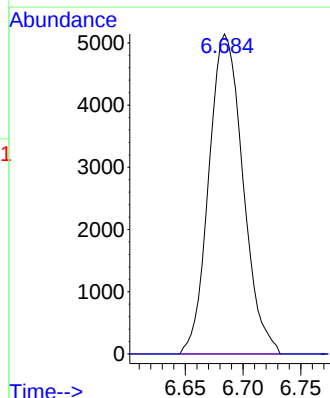
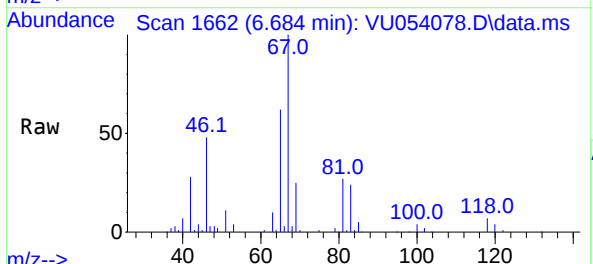
Acq: 08 May 2023 14:22

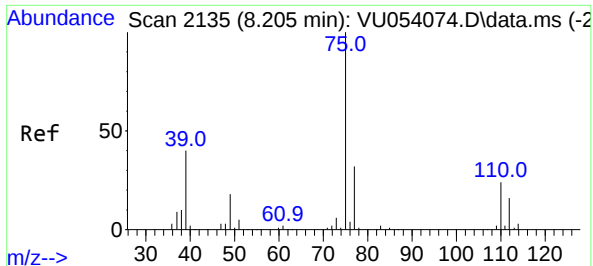
Tgt Ion: 63 Resp: 10549

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

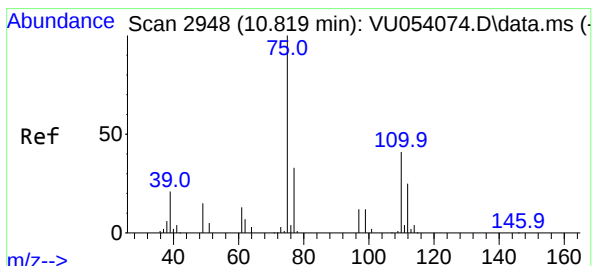
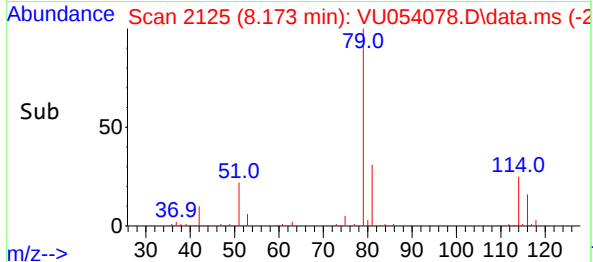
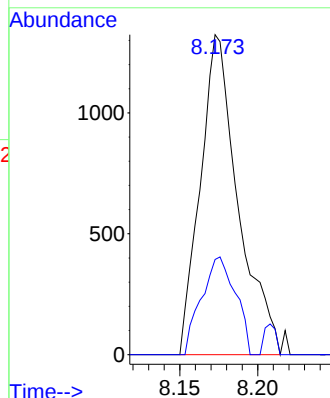
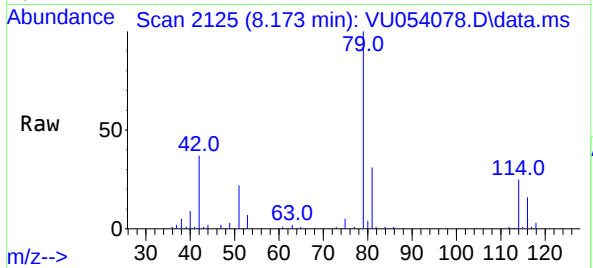




#44
trans-1,3-Dichloropropene
Concen: 1.218 ug/L
RT: 8.173 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU054078.D
Acq: 08 May 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2227
Ion Ratio Lower Upper
75 100
77 29.8 22.5 41.7



#60
1,2,3-Trichloropropane
Concen: 6.050 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054078.D
Acq: 08 May 2023 14:22

Tgt Ion: 75 Resp: 8297
Ion Ratio Lower Upper
75 100
77 34.3 26.0 39.0
110 1.3 31.8 47.8#

