

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058452.D
 Acq On : 06 Apr 2024 04:29
 Operator : MD/SY
 Sample : P1948-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 06:02:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

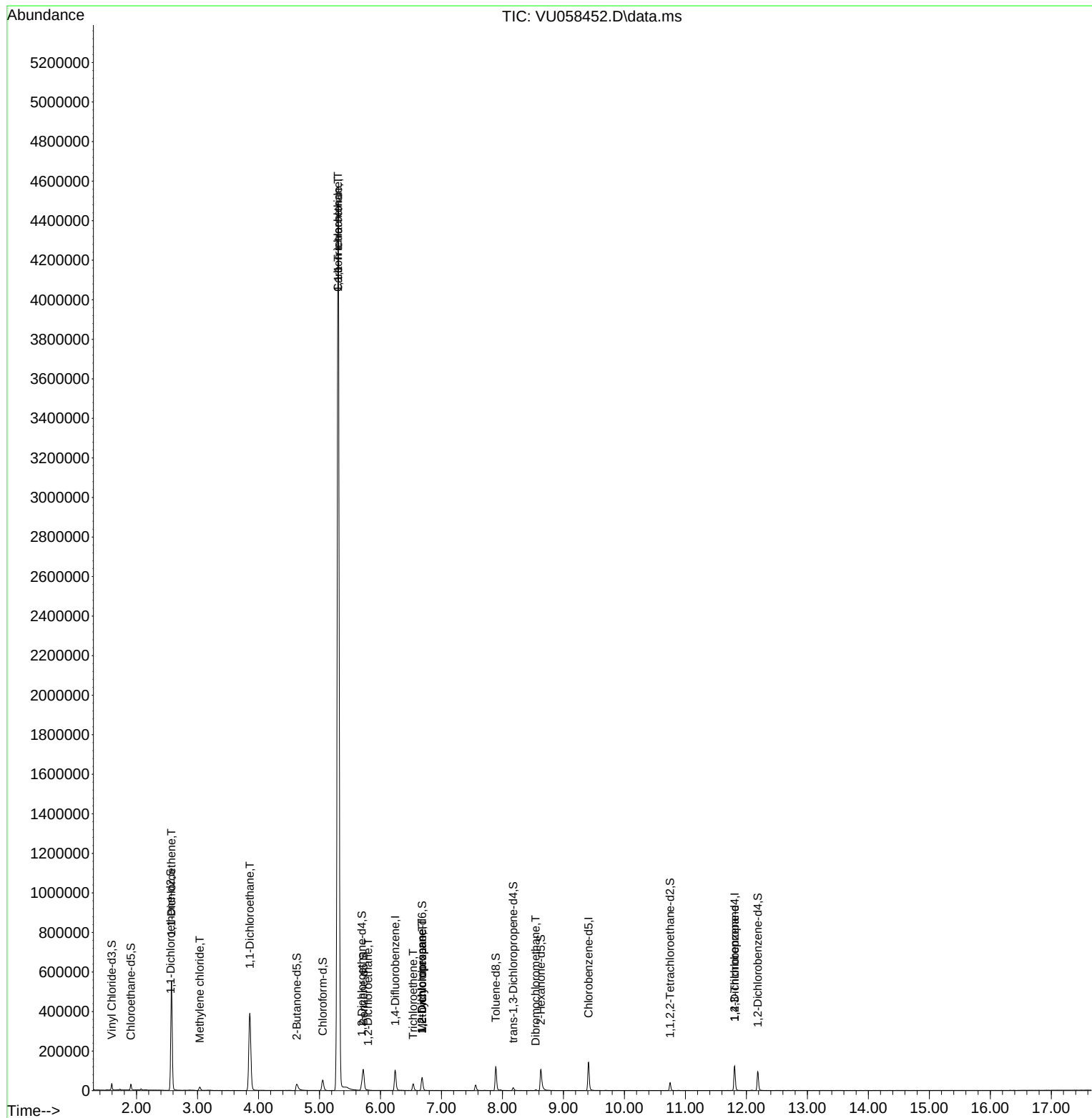
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81939	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21640	3.989	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	79.800%		
7) Chloroethane-d5	1.907	69	20185	4.281	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	85.600%		
11) 1,1-Dichloroethene-d2	2.560	65	10441	4.252	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.000%		
20) 2-Butanone-d5	4.628	46	56296	49.243	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	98.480%		
24) Chloroform-d	5.052	84	49868	4.605	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.000%		
26) 1,2-Dichloroethane-d4	5.695	65	24448	4.837	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.800%		
32) Benzene-d6	5.721	84	97462	4.665	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.200%		
36) 1,2-Dichloropropane-d6	6.682	67	32067	4.894	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.800%		
41) Toluene-d8	7.891	98	79680	4.300	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.000%		
43) trans-1,3-Dichloroprop...	8.177	79	9122	4.485	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.600%		
46) 2-Hexanone-d5	8.631	63	38134	45.456	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	90.920%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20301	4.389	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	87.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	24733	4.374	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	87.400%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	167649	28.870	ug/L #	81
16) Methylene chloride	3.036	84	7823	1.015	ug/L	97
19) 1,1-Dichloroethane	3.859	63	458033	34.480	ug/L	99
27) 1,2-Dichloroethane	5.798	62	1188	0.152	ug/L #	76
29) 1,1,1-Trichloroethane	5.306	97	3179147	305.535	ug/L	99
31) Carbon tetrachloride	5.306	117	394589	44.779	ug/L	100
34) Trichloroethene	6.537	95	11815	1.666	ug/L	97
35) Methylcyclohexane	6.682	83	6900	0.646	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3326	0.449	ug/L #	90
49) Dibromochloromethane	8.544	129	744	0.149	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4649	1.357	ug/L #	68

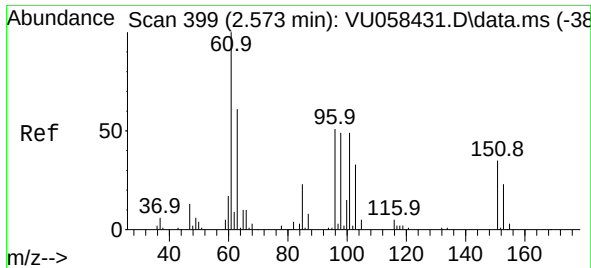
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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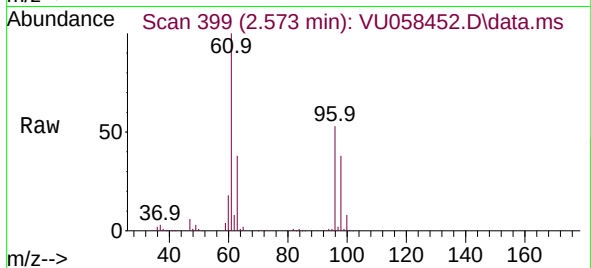
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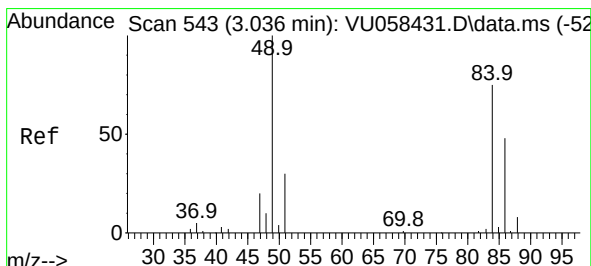
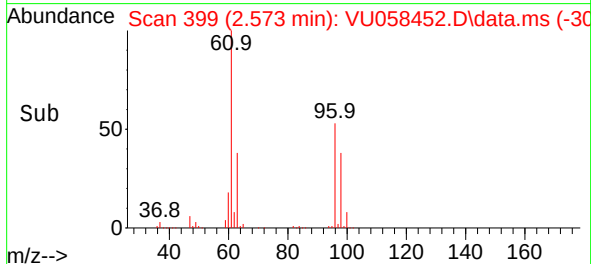
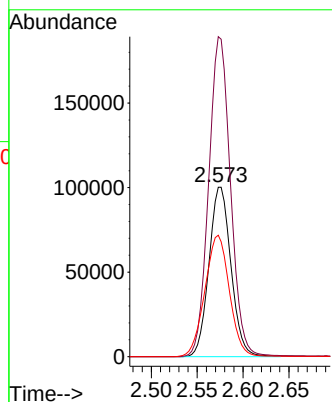


#12
1,1-Dichloroethene
Concen: 28.870 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058452.D
Acq: 06 Apr 2024 04:29

Instrument :
MSVOA_U
ClientSampleId :

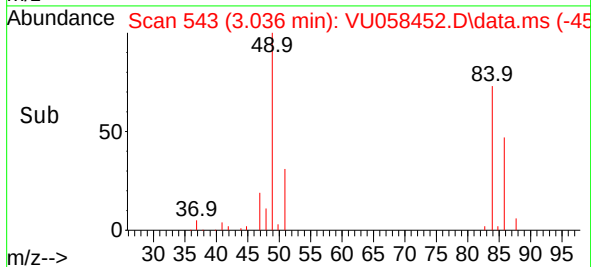
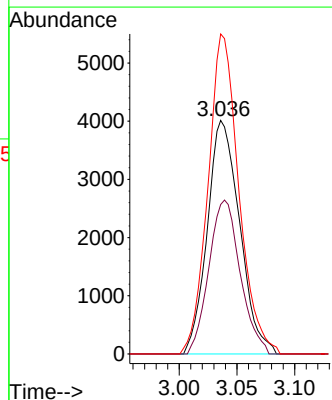
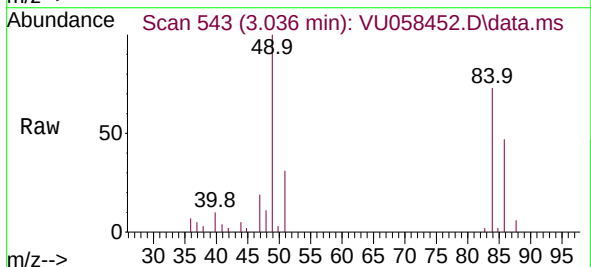


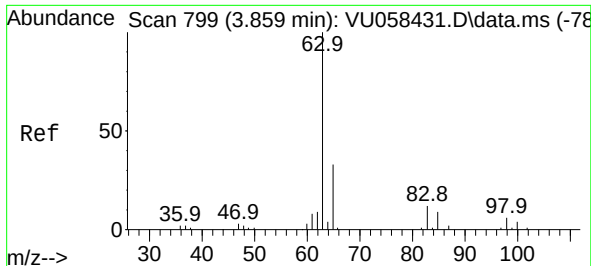
Tgt Ion: 96 Resp: 167649
Ion Ratio Lower Upper
96 100
61 188.8 132.5 246.1
63 71.7 87.7 162.9#



#16
Methylene chloride
Concen: 1.015 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058452.D
Acq: 06 Apr 2024 04:29

Tgt Ion: 84 Resp: 7823
Ion Ratio Lower Upper
84 100
86 64.0 44.3 82.3
49 141.8 96.0 178.2





#19

1,1-Dichloroethane

Concen: 34.480 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU058452.D

Acq: 06 Apr 2024 04:29

Instrument :

MSVOA_U

ClientSampleId :

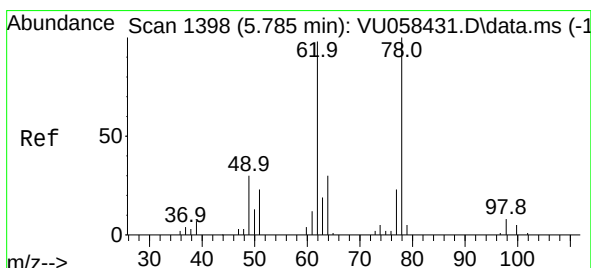
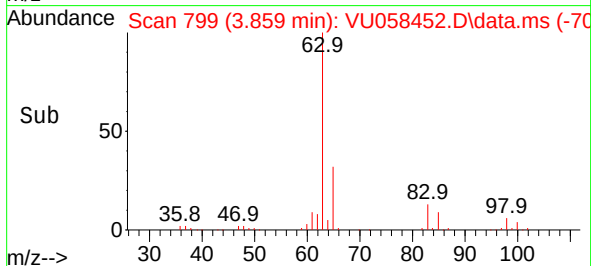
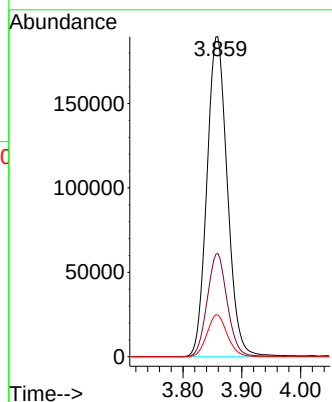
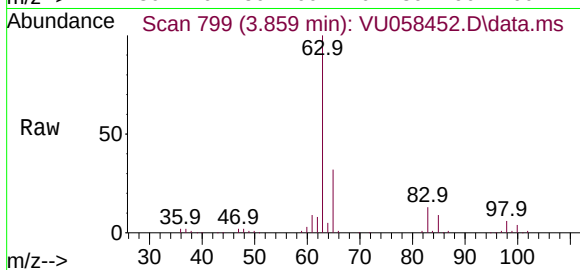
Tgt Ion: 63 Resp: 458033

Ion Ratio Lower Upper

63 100

65 32.2 22.9 42.5

83 13.1 9.6 17.8



#27

1,2-Dichloroethane

Concen: 0.152 ug/L

RT: 5.798 min Scan# 1402

Delta R.T. 0.013 min

Lab File: VU058452.D

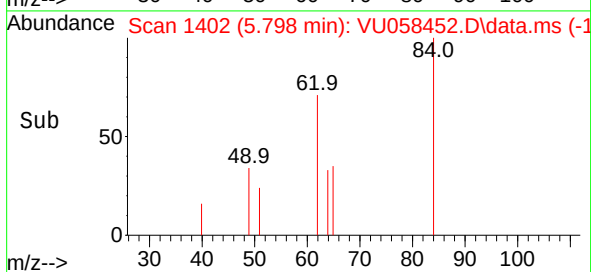
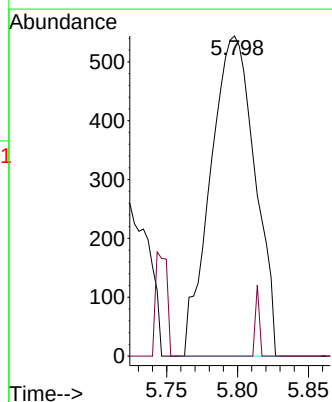
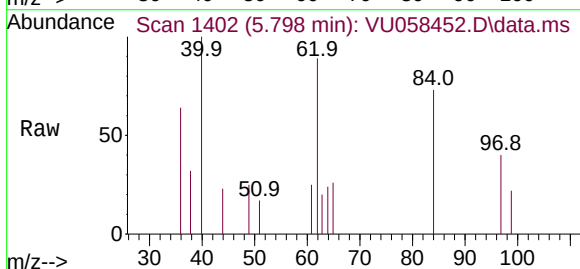
Acq: 06 Apr 2024 04:29

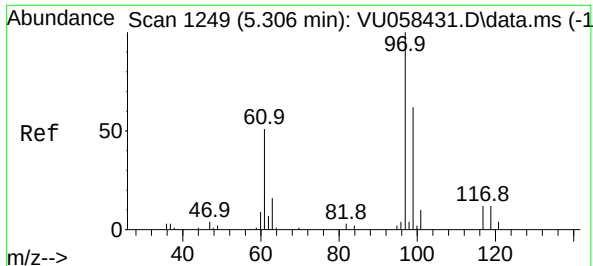
Tgt Ion: 62 Resp: 1188

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#

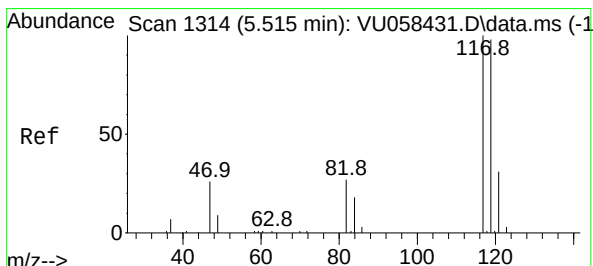
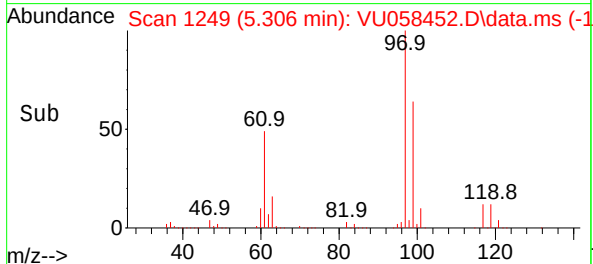
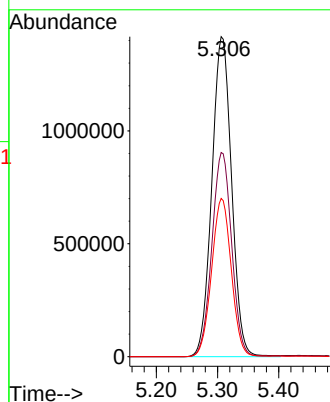
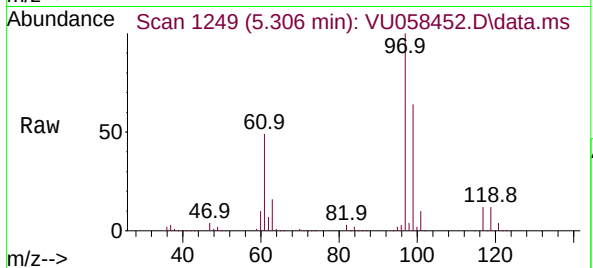




#29
1,1,1-Trichloroethane
Concen: 305.535 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058452.D
Acq: 06 Apr 2024 04:29

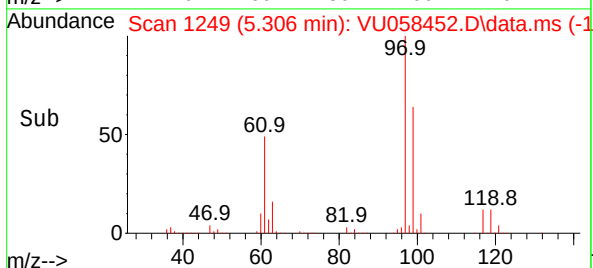
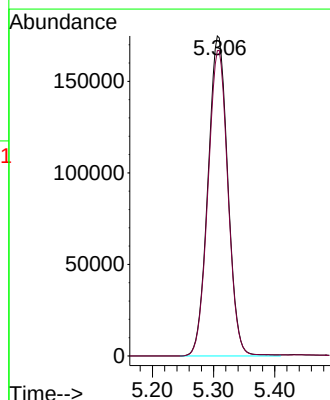
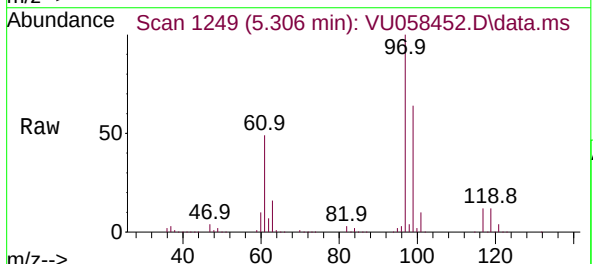
Instrument :
MSVOA_U
ClientSampleId :

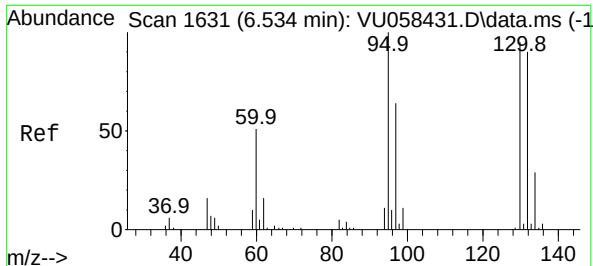
Tgt Ion: 97 Resp: 3179147
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 49.3 39.4 59.0



#31
Carbon tetrachloride
Concen: 44.779 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058452.D
Acq: 06 Apr 2024 04:29

Tgt Ion:117 Resp: 394589
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1





#34

Trichloroethene

Concen: 1.666 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058452.D

Acq: 06 Apr 2024 04:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 11815

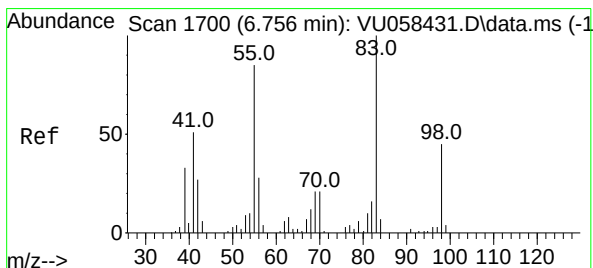
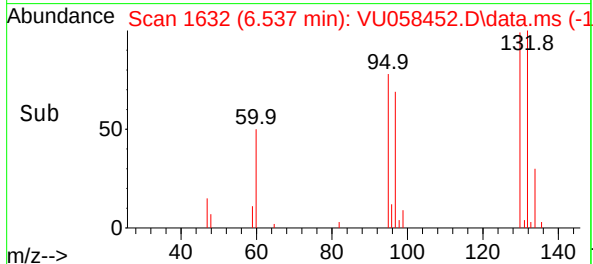
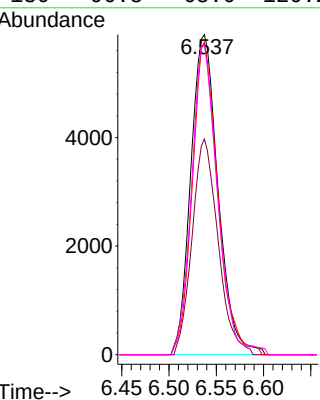
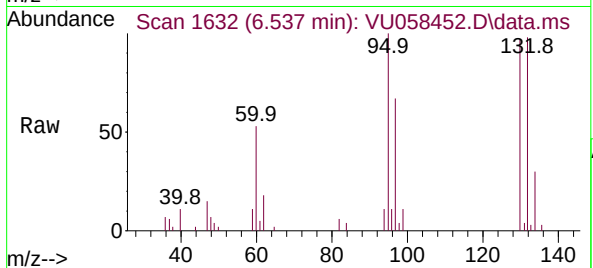
Ion Ratio Lower Upper

95 100

97 67.4 45.6 84.6

132 97.6 64.8 120.3

130 96.8 68.0 126.2



#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058452.D

Acq: 06 Apr 2024 04:29

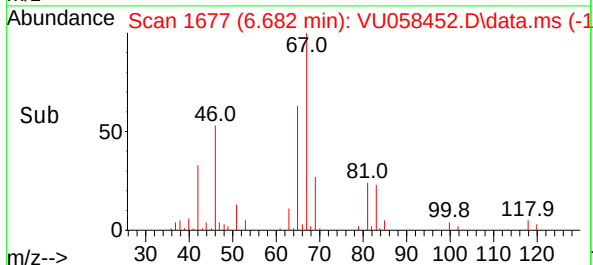
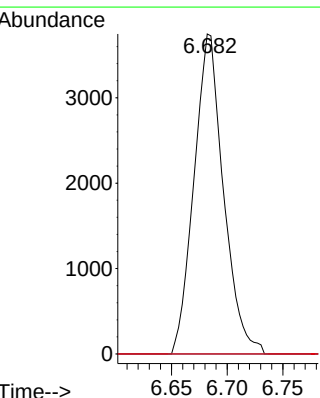
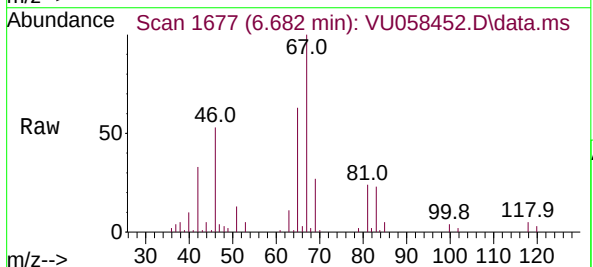
Tgt Ion: 83 Resp: 6900

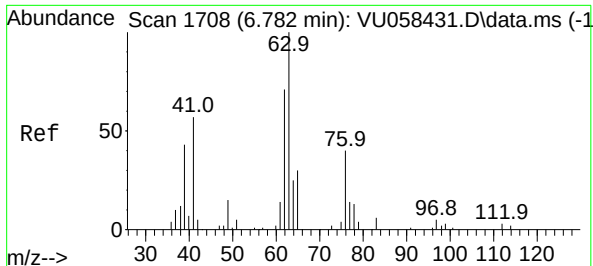
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

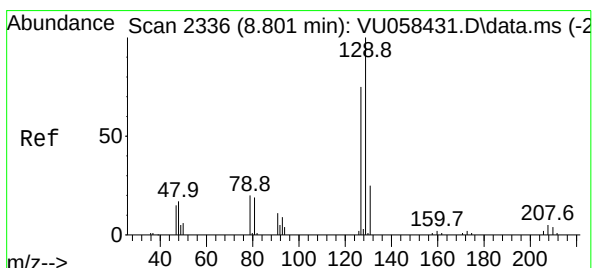
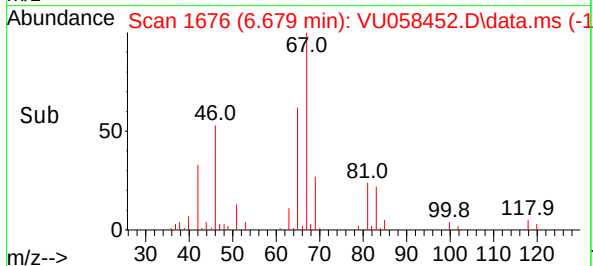
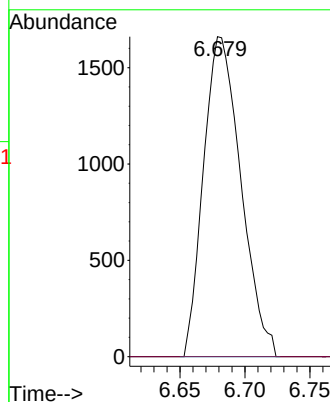
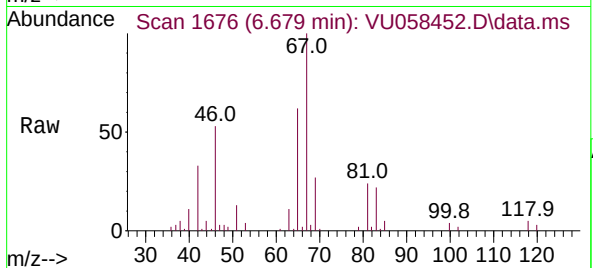




#37
1,2-Dichloropropane
Concen: 0.449 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058452.D
Acq: 06 Apr 2024 04:29

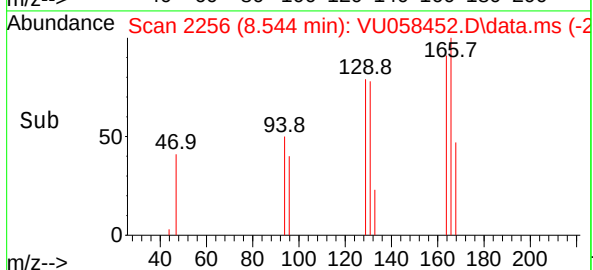
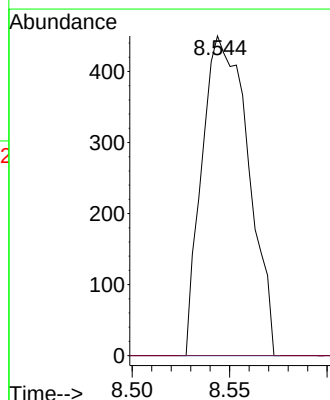
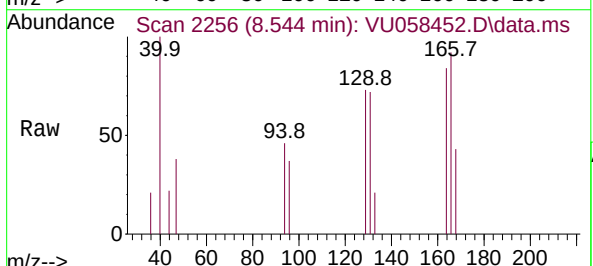
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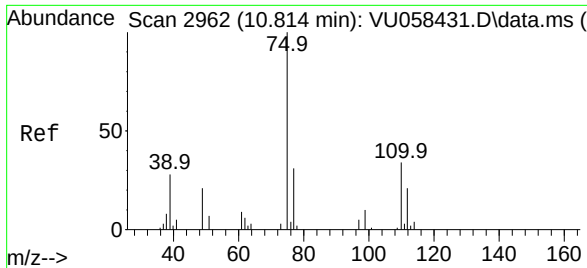
Tgt Ion: 63 Resp: 3326
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#49
Dibromochloromethane
Concen: 0.149 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU058452.D
Acq: 06 Apr 2024 04:29

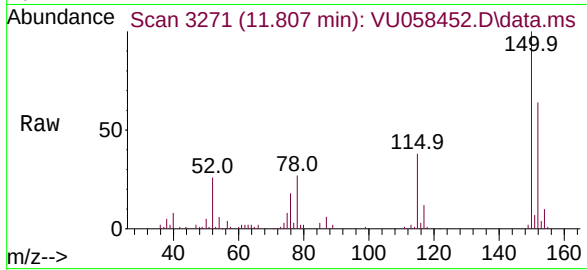
Tgt Ion: 129 Resp: 744
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.357 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058452.D
 Acq: 06 Apr 2024 04:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4649
 Ion Ratio Lower Upper
 75 100
 110 0.4 25.8 38.6#
 77 28.0 25.1 37.7

