

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058251.D
 Acq On : 28 Mar 2024 19:50
 Operator : MD/SY
 Sample : P1902-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:13:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

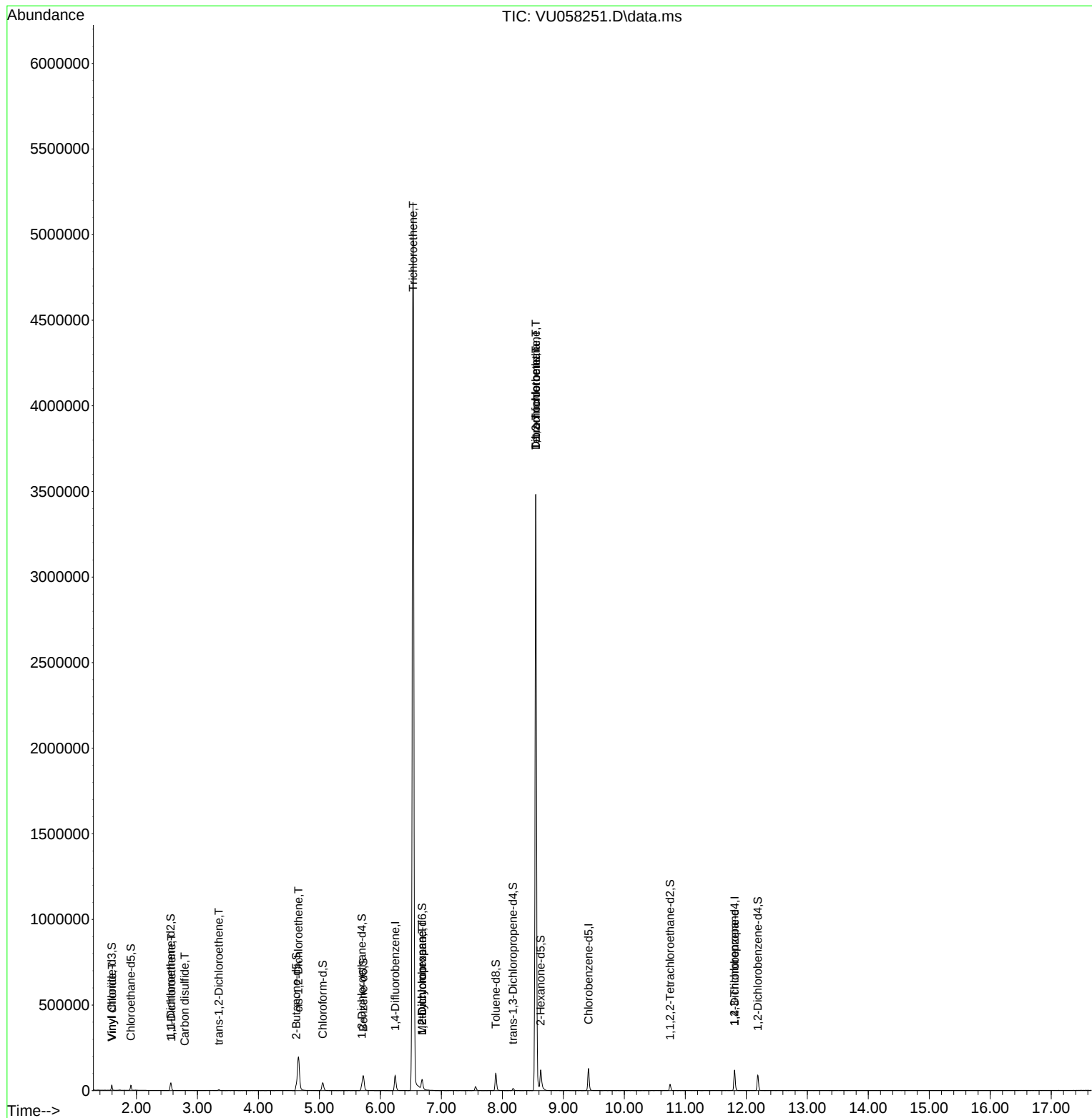
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72184	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	31648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	19033	3.120	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	62.400%		
7) Chloroethane-d5	1.908	69	19969	4.011	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	80.200%		
11) 1,1-Dichloroethene-d2	2.561	65	8408	3.320	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	66.400%		
20) 2-Butanone-d5	4.622	46	51093	47.147	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	94.300%		
24) Chloroform-d	5.052	84	43684	4.006	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.200%		
26) 1,2-Dichloroethane-d4	5.695	65	21866	4.289	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	85.800%		
32) Benzene-d6	5.718	84	83589	3.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	73.200%		
36) 1,2-Dichloropropane-d6	6.683	67	27405	4.066	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	81.400%		
41) Toluene-d8	7.891	98	68418	3.377	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	67.600%#		
43) trans-1,3-Dichloroprop...	8.174	79	7958	3.685	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	73.600%		
46) 2-Hexanone-d5	8.628	63	41024	46.906	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	93.820%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19158	4.363	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	87.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	24712	4.193	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	83.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	1998	0.483	ug/L #	62
12) 1,1-Dichloroethene	2.573	96	1693	0.468	ug/L #	1
14) Carbon disulfide	2.792	76	887	0.110	ug/L #	75
18) trans-1,2-Dichloroethene	3.351	96	2389	0.632	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	98898	21.162	ug/L	97
34) Trichloroethene	6.535	95	1736775	360.485	ug/L	98
35) Methylcyclohexane	6.683	83	5604	0.834	ug/L #	18
37) 1,2-Dichloropropane	6.683	63	3024	0.585	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	7105	2.183	ug/L #	1
47) Tetrachloroethene	8.547	164	700397	217.041	ug/L	98
49) Dibromochloromethane	8.547	129	724533	203.491	ug/L #	10
61) 1,2,3-Trichloropropane	11.805	75	4433	1.673	ug/L #	68

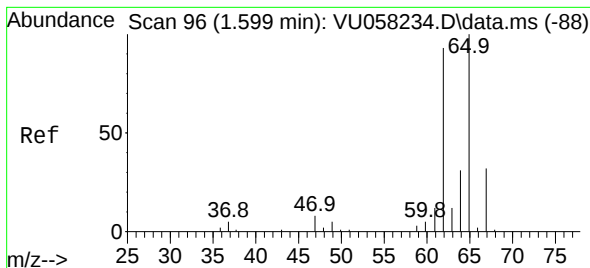
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.483 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058251.D

Acq: 28 Mar 2024 19:50

Instrument :

MSVOA_U

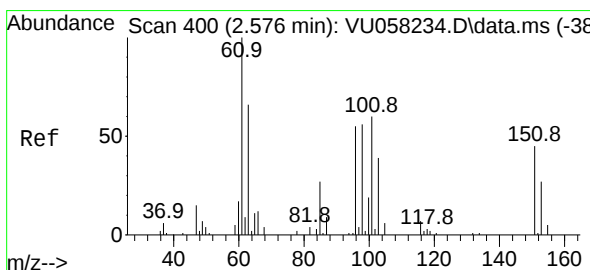
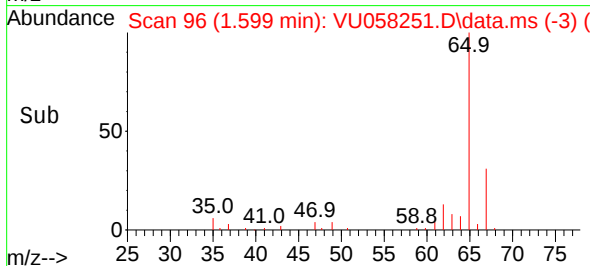
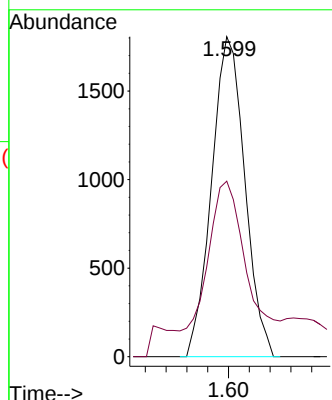
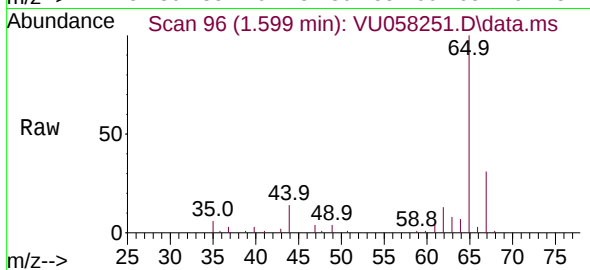
ClientSampleId :

Tgt Ion: 62 Resp: 1998

Ion Ratio Lower Upper

62 100

64 54.8 23.4 43.6#



#12

1,1-Dichloroethene

Concen: 0.468 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058251.D

Acq: 28 Mar 2024 19:50

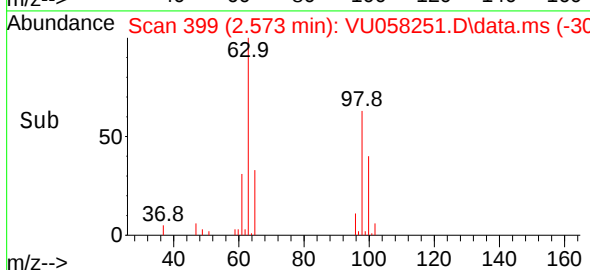
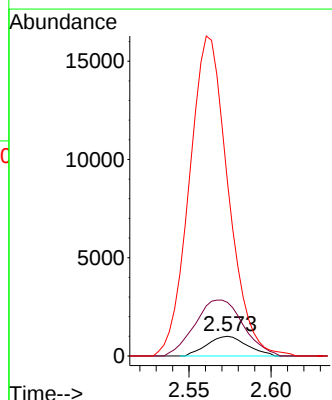
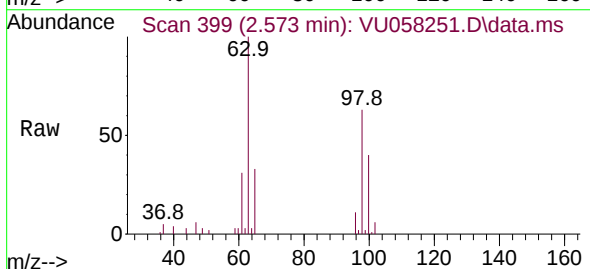
Tgt Ion: 96 Resp: 1693

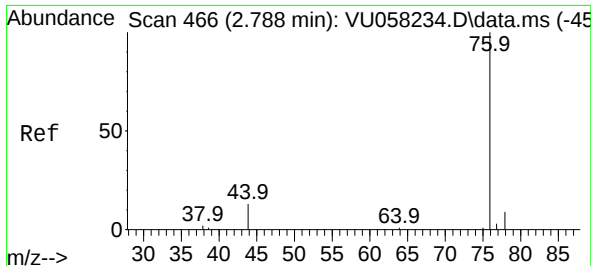
Ion Ratio Lower Upper

96 100

61 235.6 128.1 237.9

63 766.8 116.8 217.0#

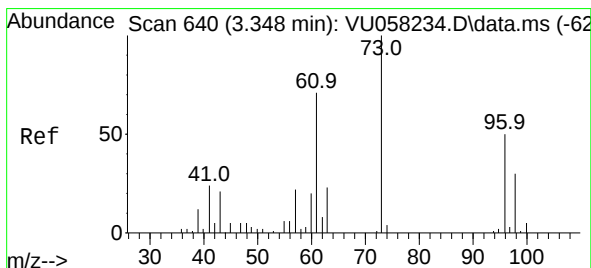
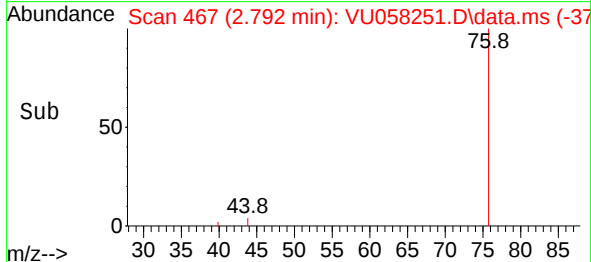
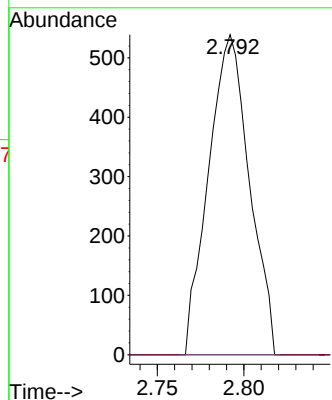
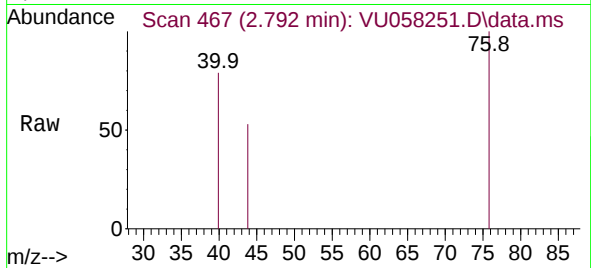




#14
Carbon disulfide
Concen: 0.110 ug/L
RT: 2.792 min Scan# 4
Delta R.T. 0.004 min
Lab File: VU058251.D
Acq: 28 Mar 2024 19:50

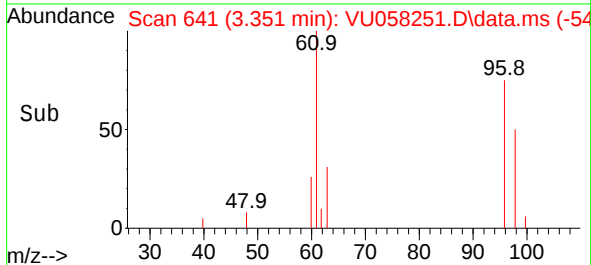
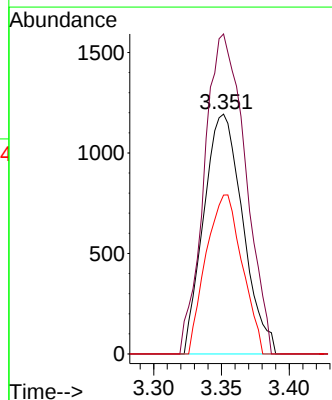
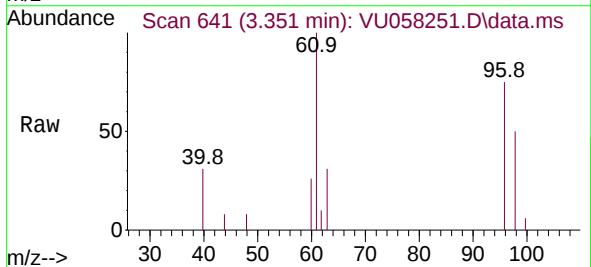
Instrument :
MSVOA_U
ClientSampleId :

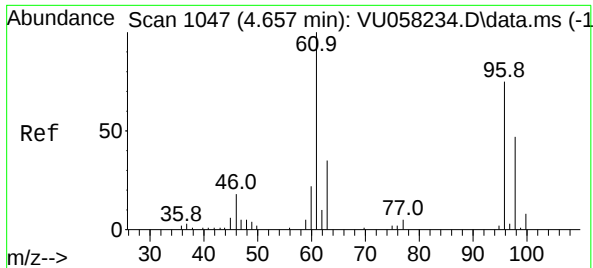
Tgt Ion: 76 Resp: 887
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
trans-1,2-Dichloroethene
Concen: 0.632 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.004 min
Lab File: VU058251.D
Acq: 28 Mar 2024 19:50

Tgt Ion: 96 Resp: 2389
Ion Ratio Lower Upper
96 100
61 133.4 102.5 190.3
98 66.2 44.0 81.8

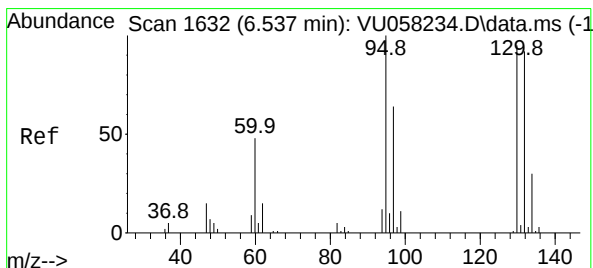
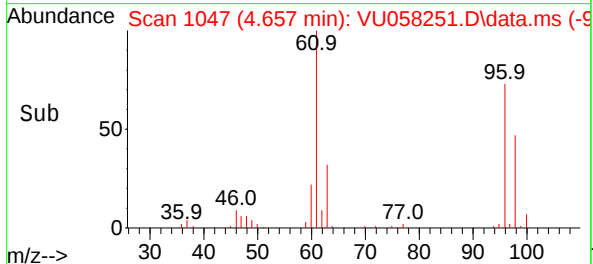
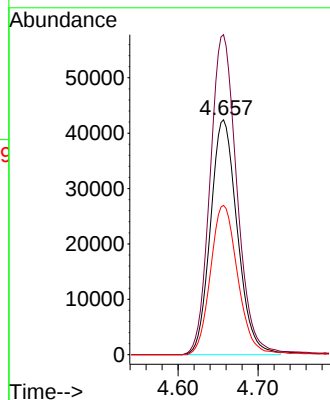
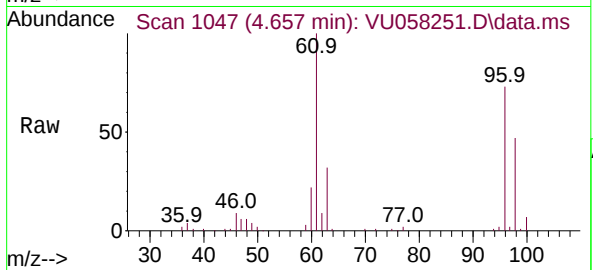




#22
 cis-1,2-Dichloroethene
 Concen: 21.162 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058251.D
 Acq: 28 Mar 2024 19:50

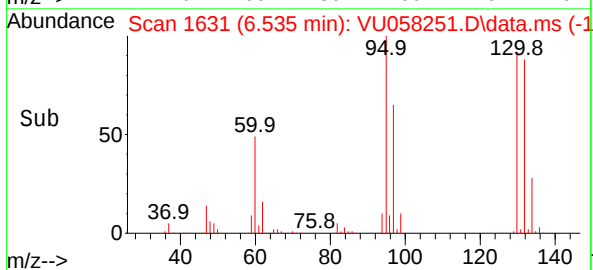
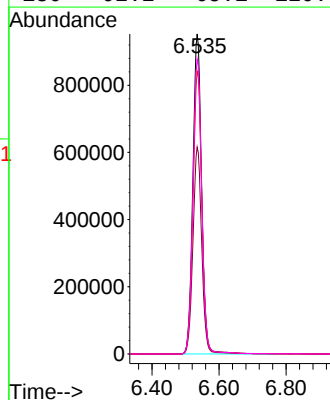
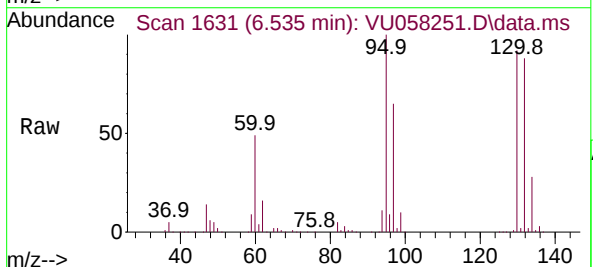
Instrument :
 MSVOA_U
 ClientSampleId :

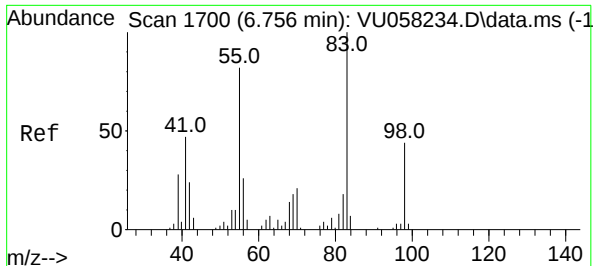
Tgt Ion: 96 Resp: 98898
 Ion Ratio Lower Upper
 96 100
 61 136.3 92.8 172.4
 98 63.5 43.2 80.2



#34
 Trichloroethene
 Concen: 360.485 ug/L
 RT: 6.535 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU058251.D
 Acq: 28 Mar 2024 19:50

Tgt Ion: 95 Resp: 1736775
 Ion Ratio Lower Upper
 95 100
 97 64.6 47.7 88.7
 132 88.3 63.6 118.2
 130 92.2 65.1 120.9

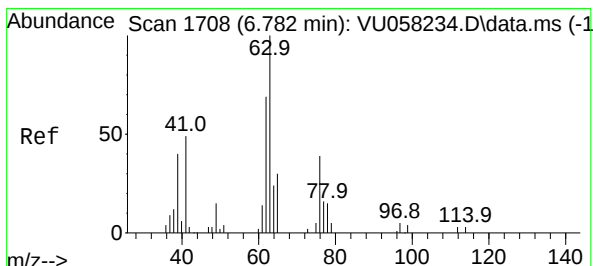
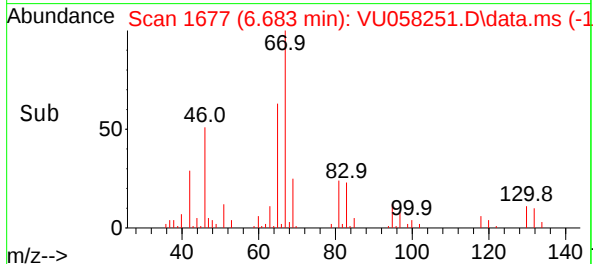
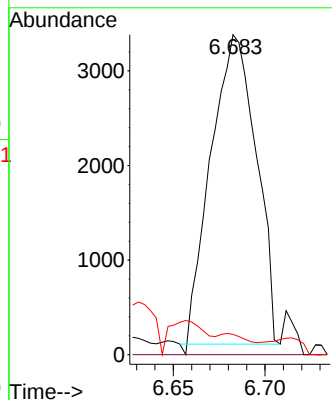
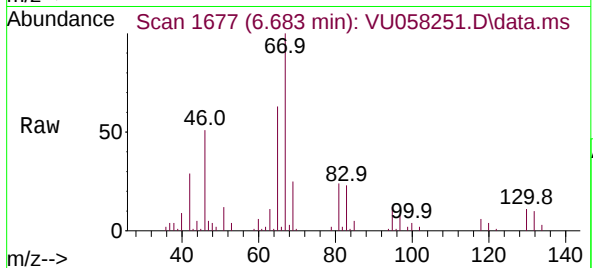




#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.683 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058251.D
Acq: 28 Mar 2024 19:50

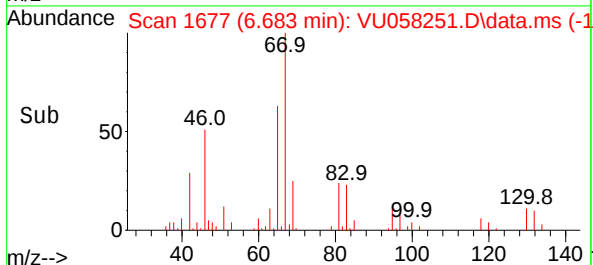
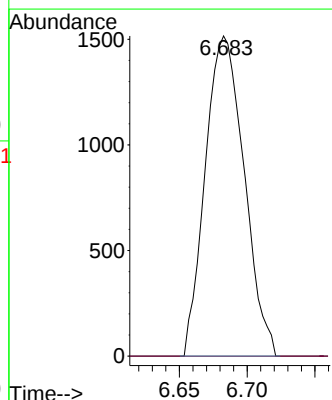
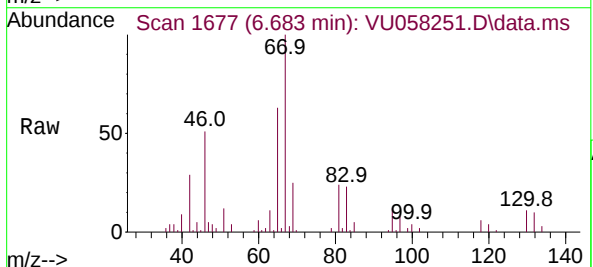
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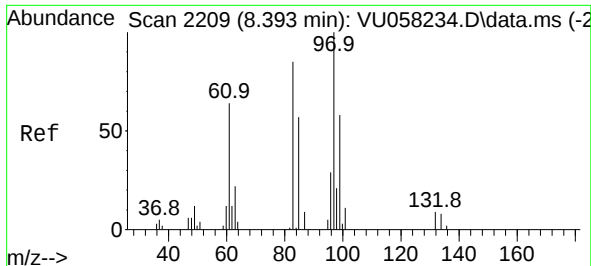
Tgt Ion: 83 Resp: 5604
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.683 min Scan# 1677
Delta R.T. -0.099 min
Lab File: VU058251.D
Acq: 28 Mar 2024 19:50

Tgt Ion: 63 Resp: 3024
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#45

1,1,2-Trichloroethane

Concen: 2.183 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.155 min

Lab File: VU058251.D

Acq: 28 Mar 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 7105

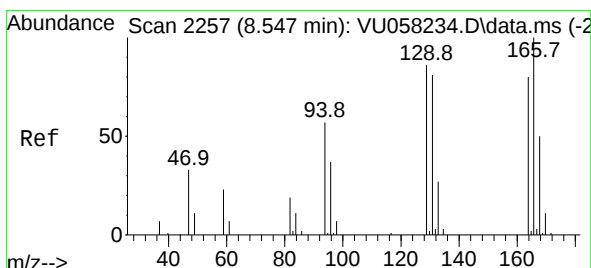
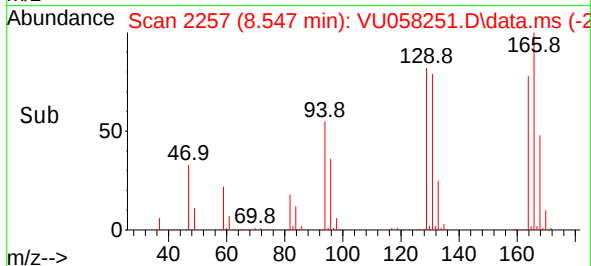
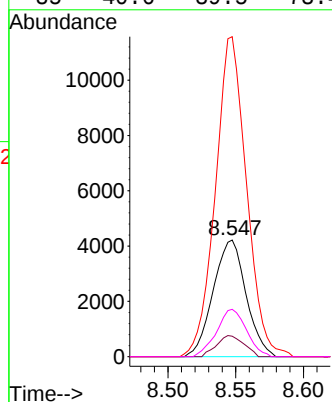
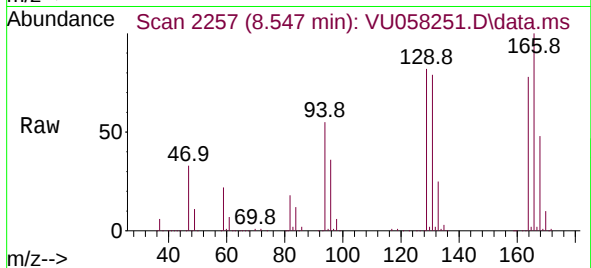
Ion Ratio Lower Upper

97 100

99 17.6 44.5 82.7#

83 274.2 64.1 119.1#

85 40.6 39.5 73.4



#47

Tetrachloroethene

Concen: 217.041 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058251.D

Acq: 28 Mar 2024 19:50

Tgt Ion:164 Resp: 700397

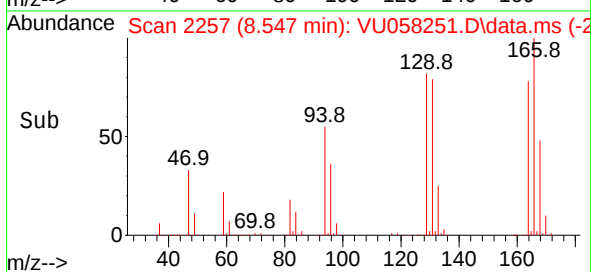
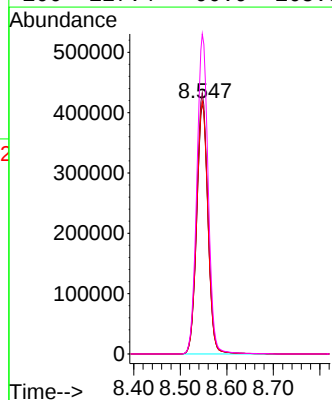
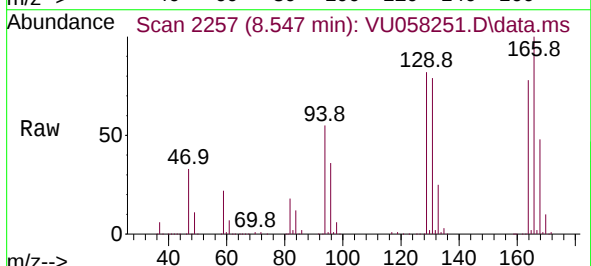
Ion Ratio Lower Upper

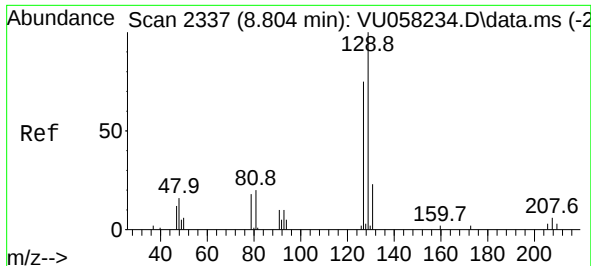
164 100

129 104.0 71.3 132.3

131 100.4 70.8 131.4

166 127.4 90.9 168.9





#49

Dibromochloromethane

Concen: 203.491 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058251.D

Acq: 28 Mar 2024 19:50

Instrument :

MSVOA_U

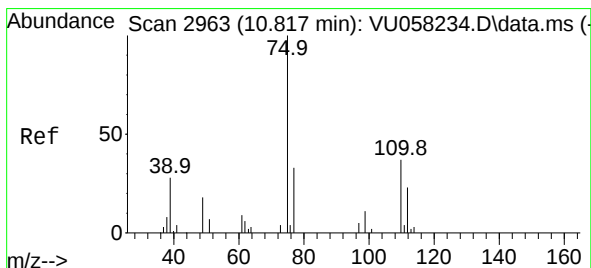
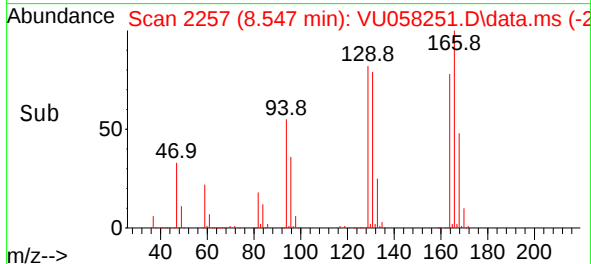
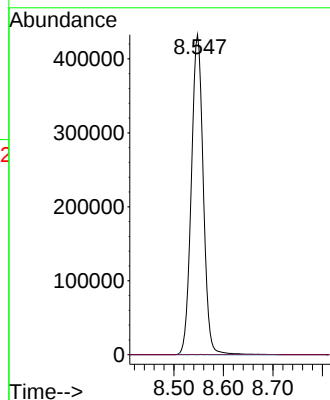
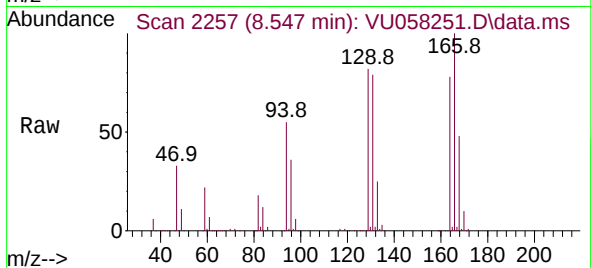
ClientSampleId :

Tgt Ion:129 Resp: 724533

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.673 ug/L

RT: 11.805 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058251.D

Acq: 28 Mar 2024 19:50

Tgt Ion: 75 Resp: 4433

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 31.2 25.1 37.7

