

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056765.D
 Acq On : 12 Dec 2023 05:00
 Operator : MD/SY
 Sample : 05675-15
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:49:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

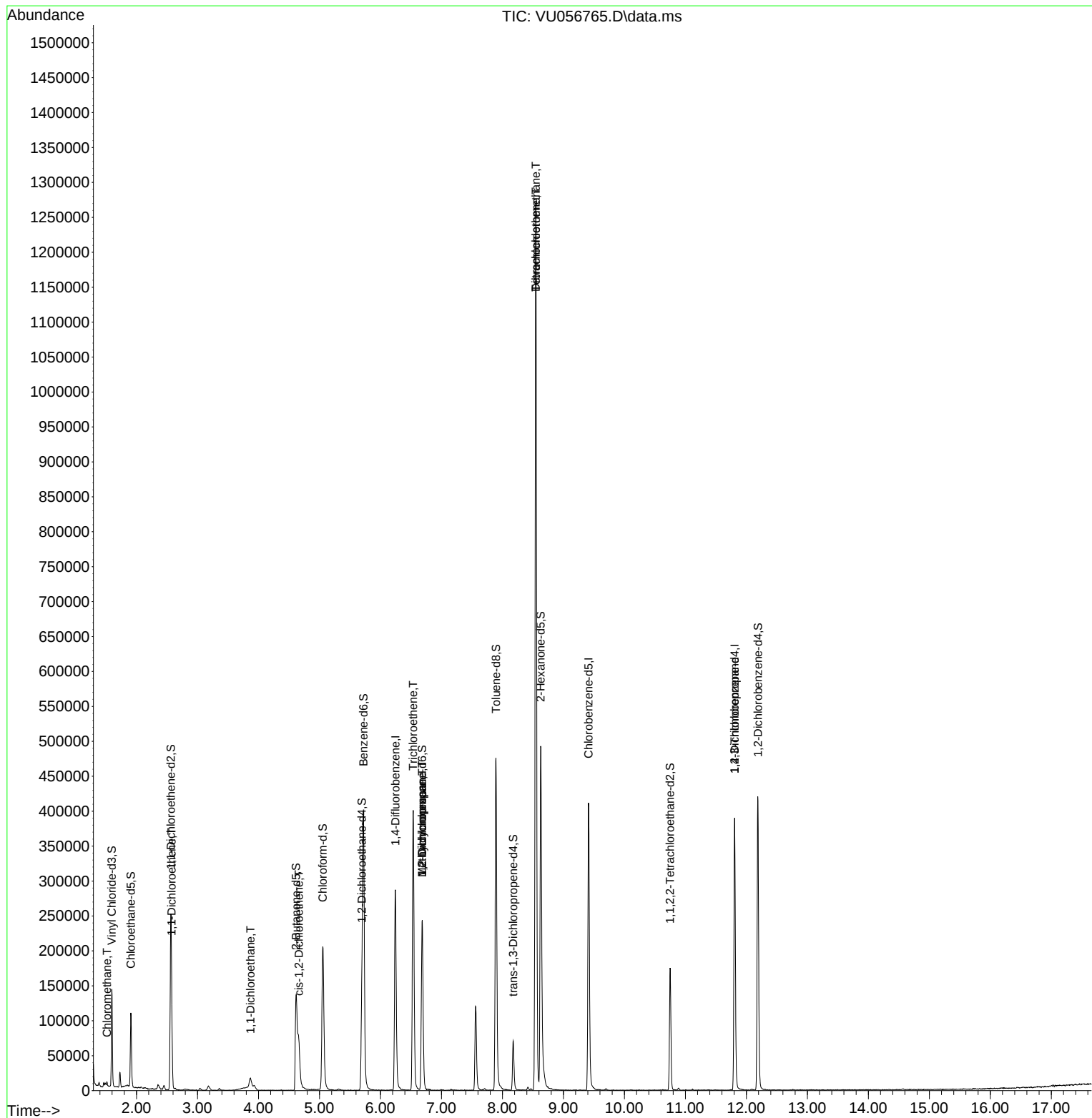
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	234237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98175	4.890	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.800%	
7) Chloroethane-d5	1.907	69	80207	5.338	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.800%	
11) 1,1-Dichloroethene-d2	2.563	65	43218	5.031	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.600%	
20) 2-Butanone-d5	4.618	46	212538	53.602	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.200%	
24) Chloroform-d	5.055	84	195749	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.695	65	97268	5.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.721	84	383997	5.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.682	67	122614	5.327	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.894	98	336782	5.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
43) trans-1,3-Dichloroprop...	8.177	79	42642	4.777	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.627	63	169278	50.279	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.560%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88052	5.287	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	111822	5.413	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3943	0.163	ug/L	91
12) 1,1-Dichloroethene	2.576	96	18412	0.968	ug/L #	1
19) 1,1-Dichloroethane	3.869	63	15117	0.408	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	28004	1.335	ug/L	97
34) Trichloroethene	6.534	95	145223	6.353	ug/L	96
35) Methylcyclohexane	6.682	83	28260	0.838	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12966	0.608	ug/L #	88
47) Tetrachloroethene	8.547	164	273950	17.125	ug/L	97
49) Dibromochloromethane	8.547	129	280519	16.935	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13906	1.232	ug/L #	69

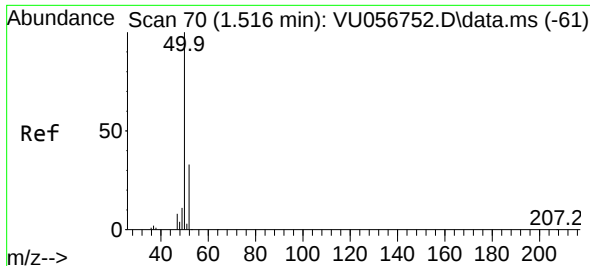
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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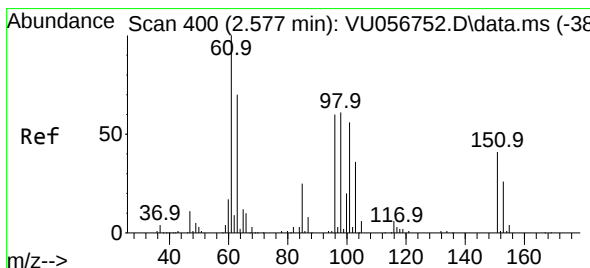
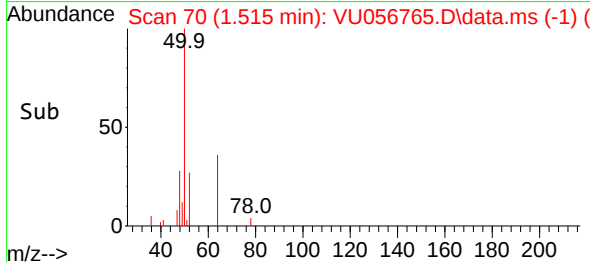
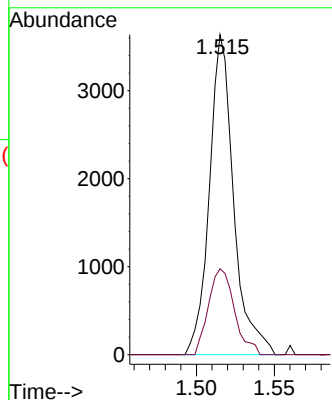
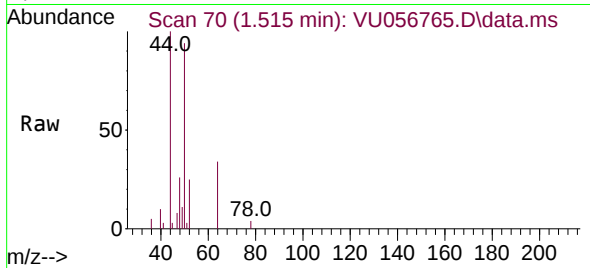




#3
Chloromethane
Concen: 0.163 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056765.D
Acq: 12 Dec 2023 05:00

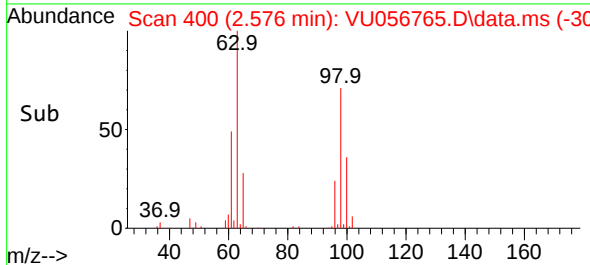
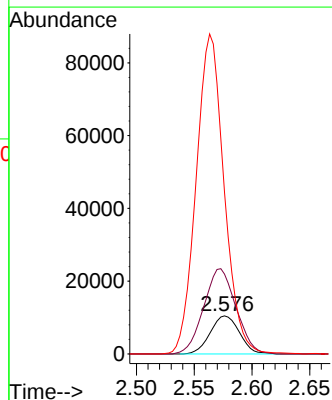
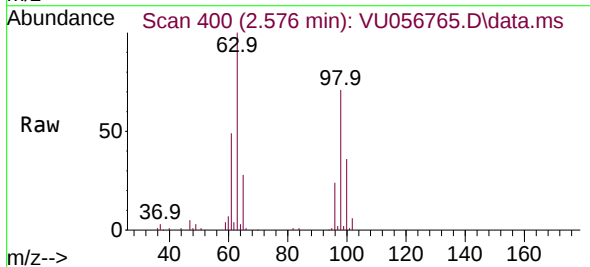
Instrument :
MSVOA_U
ClientSampleId :

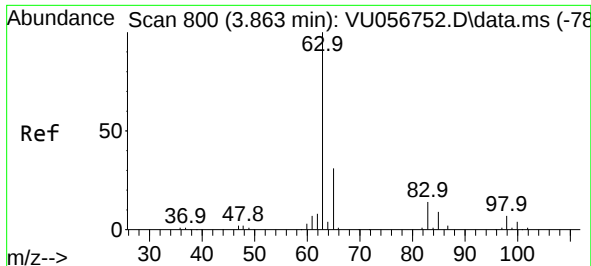
Tgt Ion: 50 Resp: 3943
Ion Ratio Lower Upper
50 100
52 26.9 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.968 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056765.D
Acq: 12 Dec 2023 05:00

Tgt Ion: 96 Resp: 18412
Ion Ratio Lower Upper
96 100
61 209.6 119.0 221.0
63 423.9 88.7 164.7#





#19

1,1-Dichloroethane

Concen: 0.408 ug/L

RT: 3.869 min Scan# 80

Delta R.T. 0.006 min

Lab File: VU056765.D

Acq: 12 Dec 2023 05:00

Instrument :

MSVOA_U

ClientSampleId :

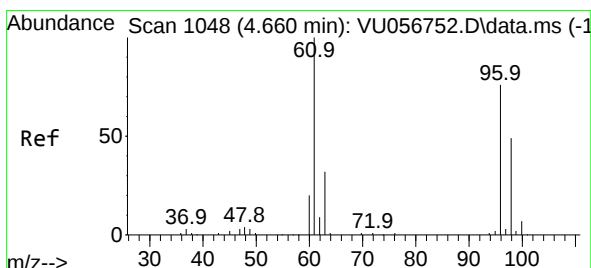
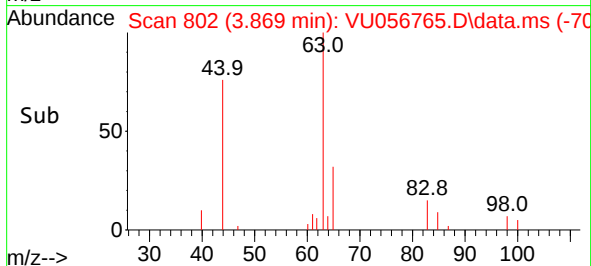
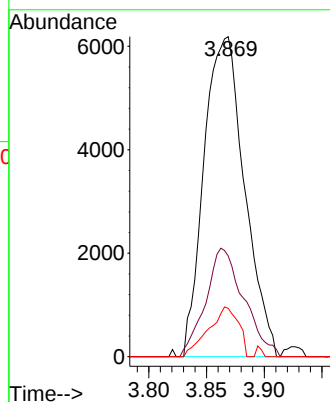
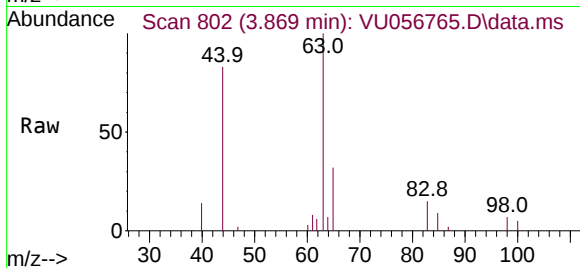
Tgt Ion: 63 Resp: 15117

Ion Ratio Lower Upper

63 100

65 31.5 22.9 42.5

83 15.1 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 1.335 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056765.D

Acq: 12 Dec 2023 05:00

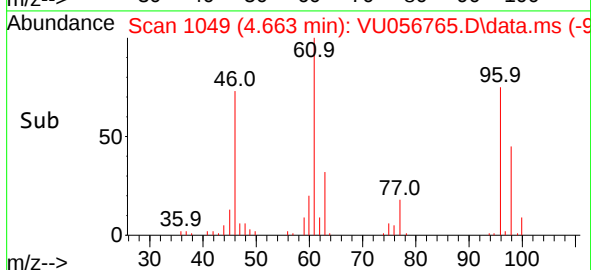
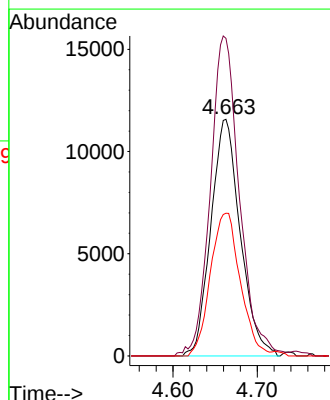
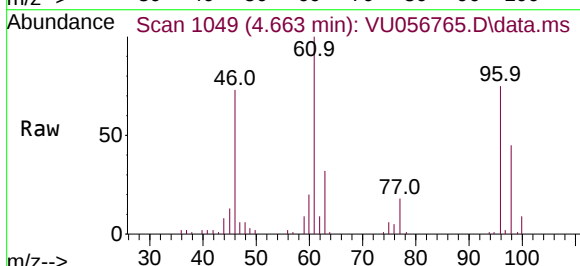
Tgt Ion: 96 Resp: 28004

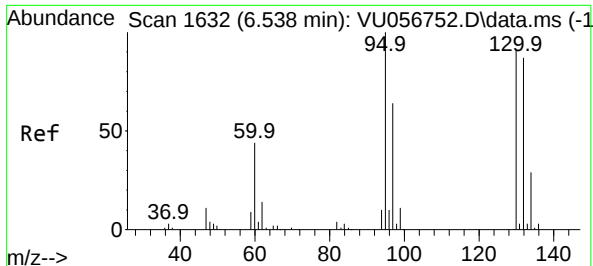
Ion Ratio Lower Upper

96 100

61 134.2 91.3 169.6

98 60.3 44.2 82.0

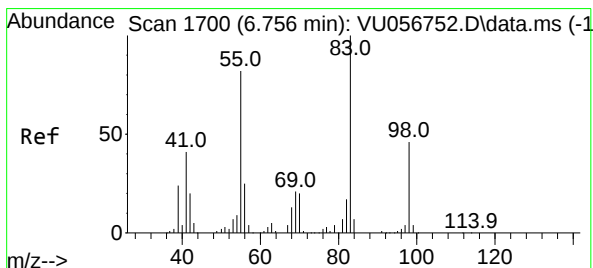
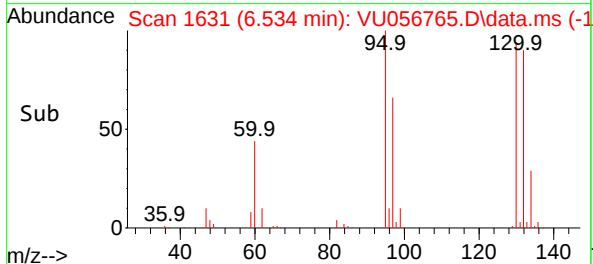
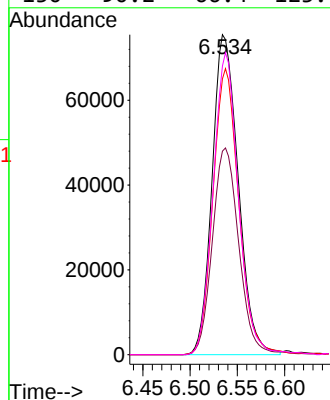
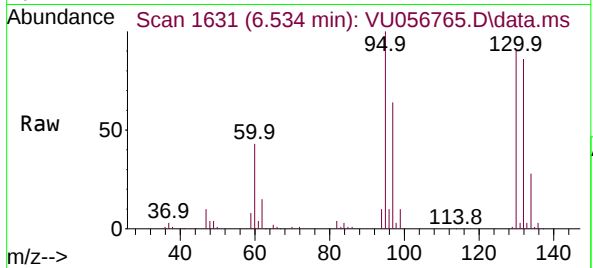




#34
Trichloroethene
Concen: 6.353 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.004 min
Lab File: VU056765.D
Acq: 12 Dec 2023 05:00

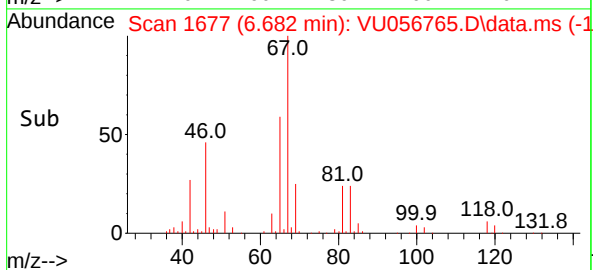
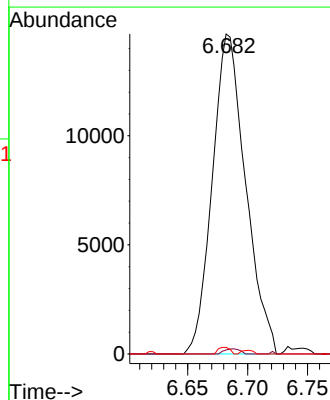
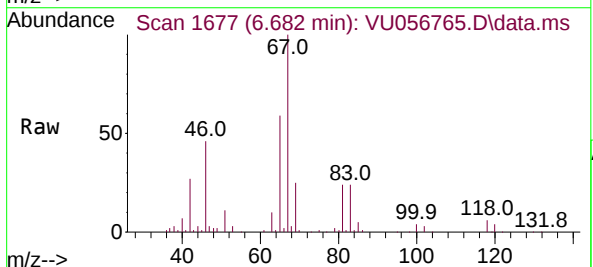
Instrument :
MSVOA_U
ClientSampleId :

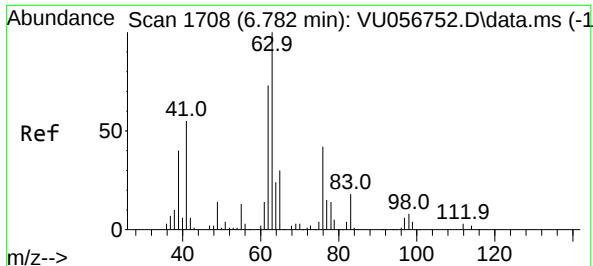
Tgt Ion: 95 Resp: 145223
Ion Ratio Lower Upper
95 100
97 63.6 46.1 85.5
132 86.2 63.6 118.0
130 90.2 66.4 123.4



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056765.D
Acq: 12 Dec 2023 05:00

Tgt Ion: 83 Resp: 28260
Ion Ratio Lower Upper
83 100
55 0.7 64.6 97.0#
98 0.7 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU056765.D

Acq: 12 Dec 2023 05:00

Instrument :

MSVOA_U

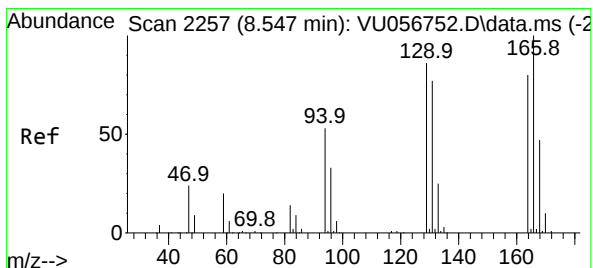
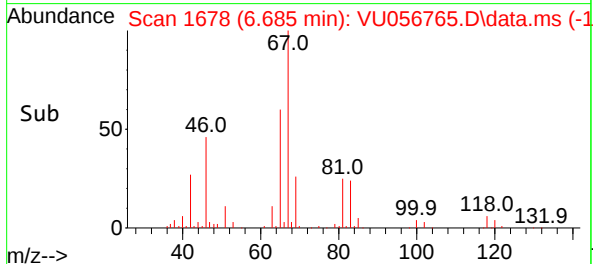
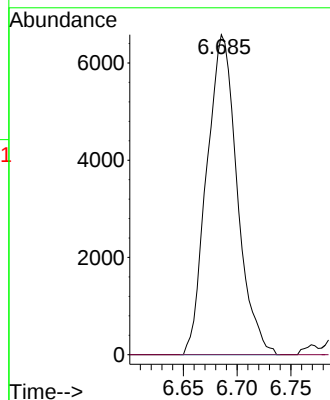
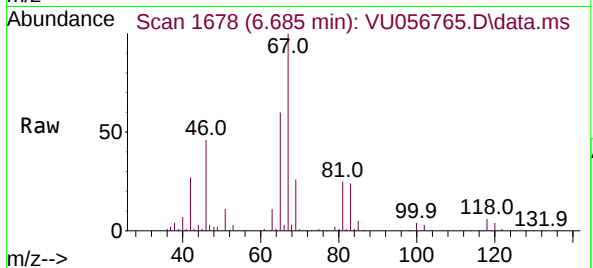
ClientSampleId :

Tgt Ion: 63 Resp: 12966

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 17.125 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU056765.D

Acq: 12 Dec 2023 05:00

Tgt Ion:164 Resp: 273950

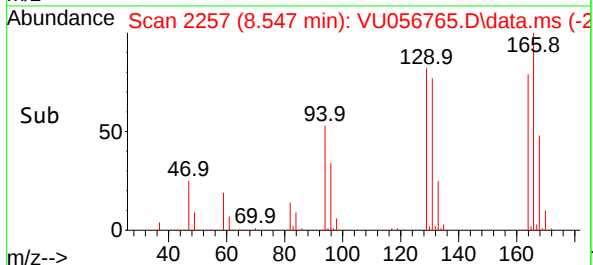
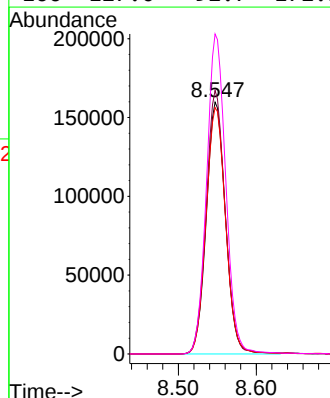
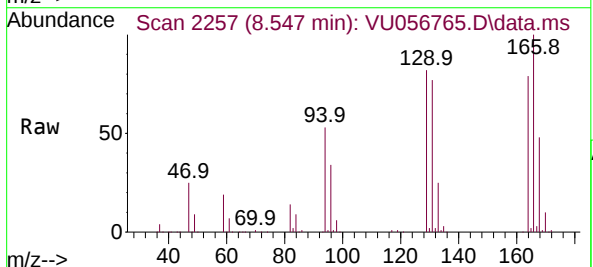
Ion Ratio Lower Upper

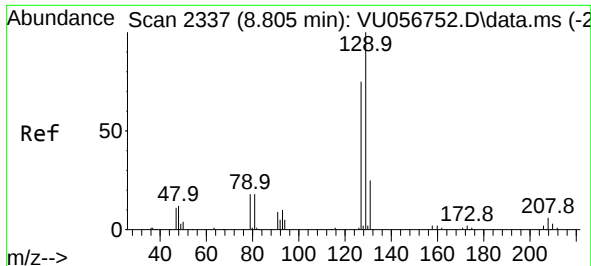
164 100

129 104.6 73.4 136.4

131 97.8 71.5 132.9

166 127.0 92.7 172.1





#49

Dibromochloromethane

Concen: 16.935 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.258 min

Lab File: VU056765.D

Acq: 12 Dec 2023 05:00

Instrument :

MSVOA_U

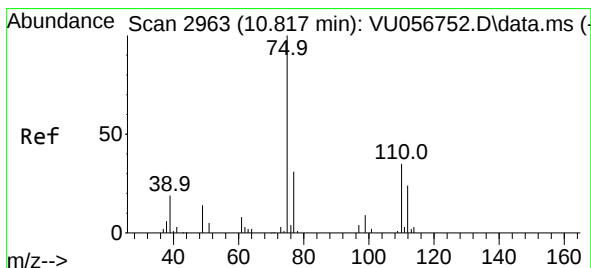
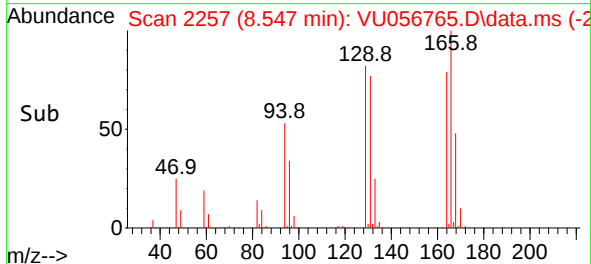
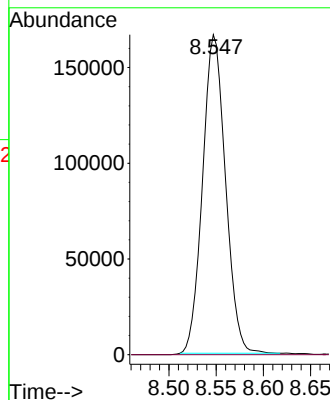
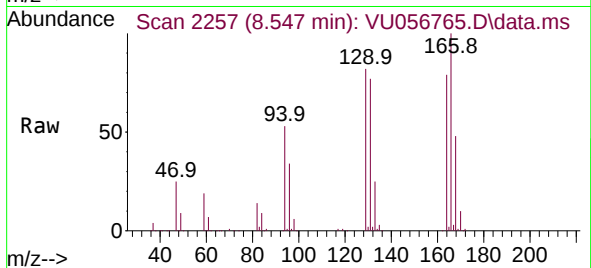
ClientSampleId :

Tgt Ion:129 Resp: 280519

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.232 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056765.D

Acq: 12 Dec 2023 05:00

Tgt Ion: 75 Resp: 13906

Ion Ratio Lower Upper

75 100

110 2.0 28.4 42.6#

77 31.8 26.3 39.5

