

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056755.D
 Acq On : 12 Dec 2023 00:58
 Operator : MD/SY
 Sample : 05675-02
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:03:01 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)

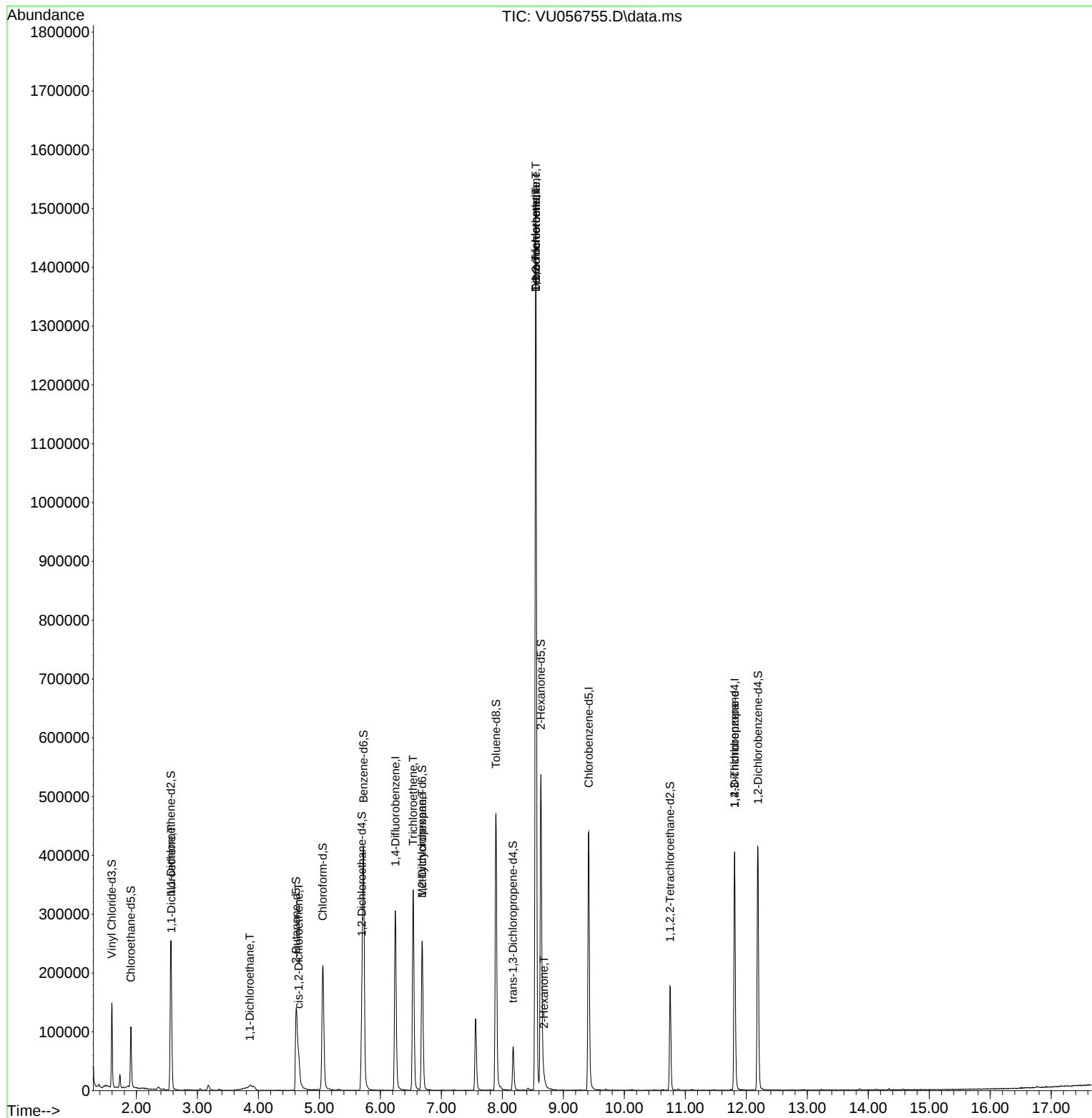
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	251425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101798	4.723	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.907	69	73214	4.540	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.563	65	45638	4.949	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.000%	
20) 2-Butanone-d5	4.618	46	233217	54.796	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.600%	
24) Chloroform-d	5.055	84	202343	4.958	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.695	65	103159	5.342	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	5.721	84	399829	5.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.682	67	125425	5.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.894	98	332243	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	8.174	79	44746	4.710	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.200%	
46) 2-Hexanone-d5	8.631	63	185175	51.679	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.360%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	89855	5.069	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	112443	5.350	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	16075	0.788	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	5507	0.138	ug/L #	82
22) cis-1,2-Dichloroethene	4.660	96	15476	0.687	ug/L	93
34) Trichloroethene	6.538	95	124040	5.099	ug/L	99
35) Methylcyclohexane	6.685	83	29944	0.834	ug/L #	17
45) 1,1,2-Trichloroethane	8.547	97	2991	0.195	ug/L #	1
47) Tetrachloroethene	8.547	164	324636	19.068	ug/L	96
48) 2-Hexanone	8.682	43	6981	0.910	ug/L #	87
49) Dibromochloromethane	8.547	129	337994	19.173	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13983	1.218	ug/L #	69

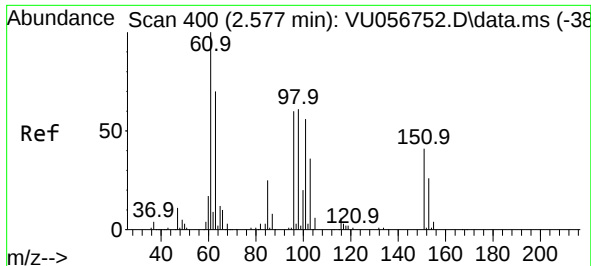
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.788 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.004 min

Lab File: VU056755.D

Acq: 12 Dec 2023 00:58

Instrument :

MSVOA_U

ClientSampleId :

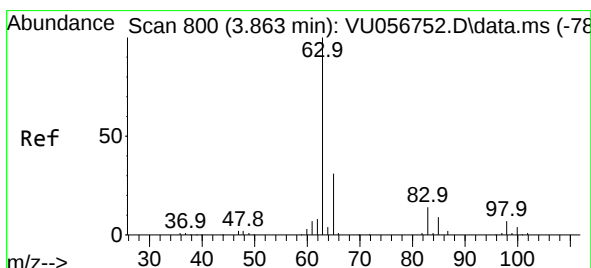
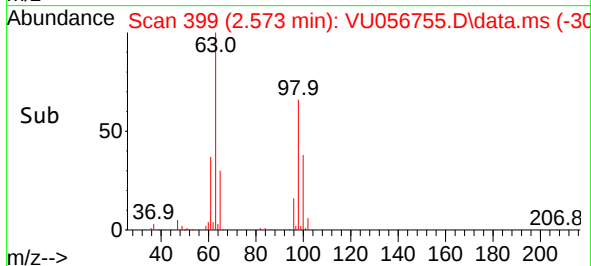
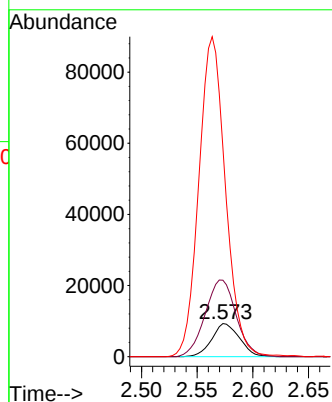
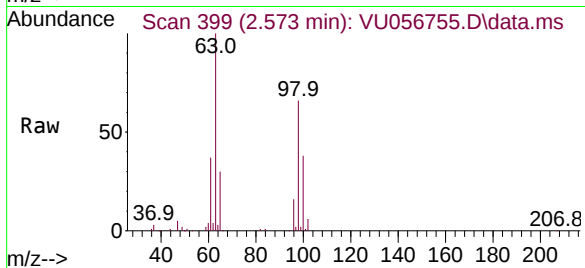
Tgt Ion: 96 Resp: 16075

Ion Ratio Lower Upper

96 100

61 231.2 119.0 221.0#

63 630.6 88.7 164.7#



#19

1,1-Dichloroethane

Concen: 0.138 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.004 min

Lab File: VU056755.D

Acq: 12 Dec 2023 00:58

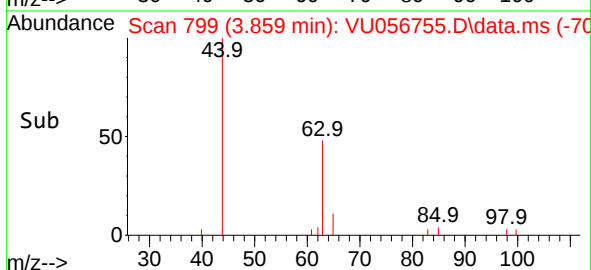
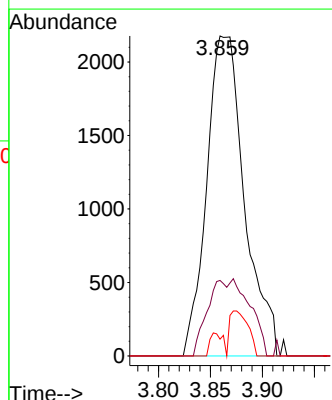
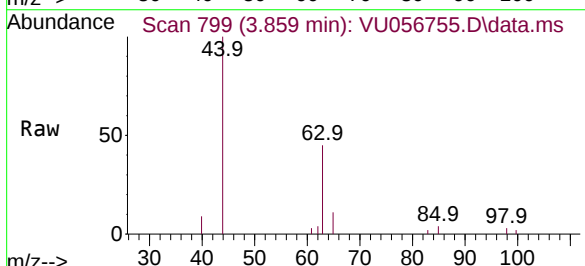
Tgt Ion: 63 Resp: 5507

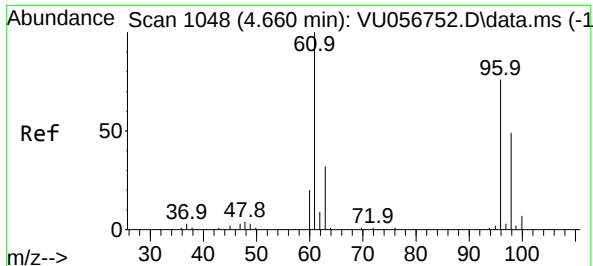
Ion Ratio Lower Upper

63 100

65 23.6 22.9 42.5

83 5.3 10.1 18.9#

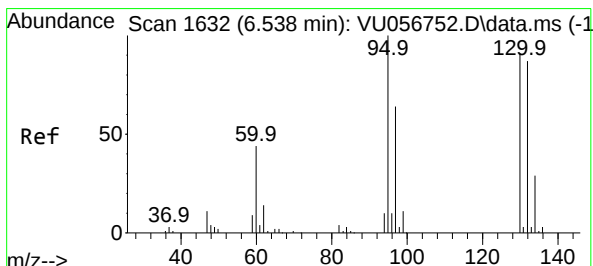
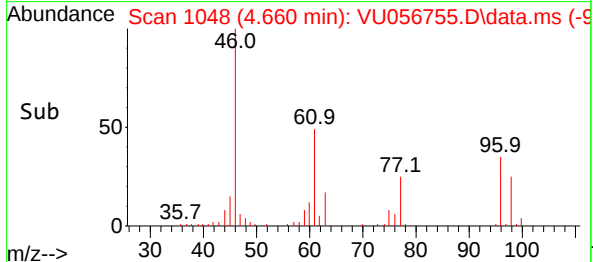
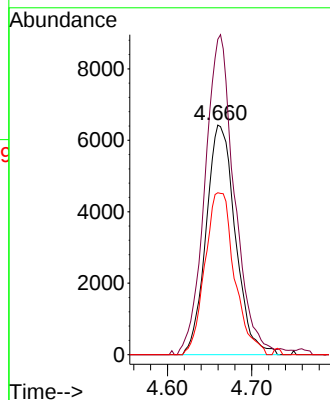
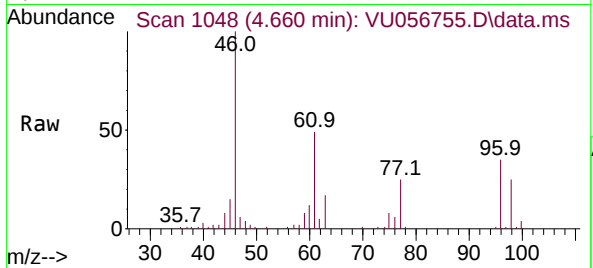




#22
 cis-1,2-Dichloroethene
 Concen: 0.687 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056755.D
 Acq: 12 Dec 2023 00:58

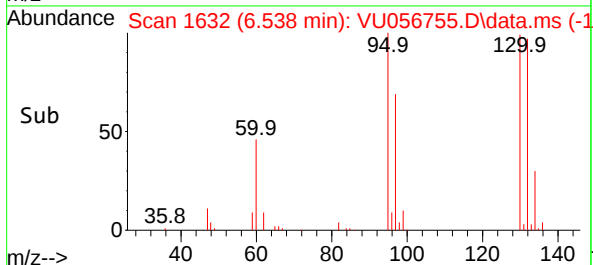
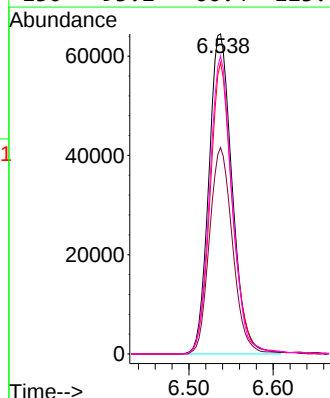
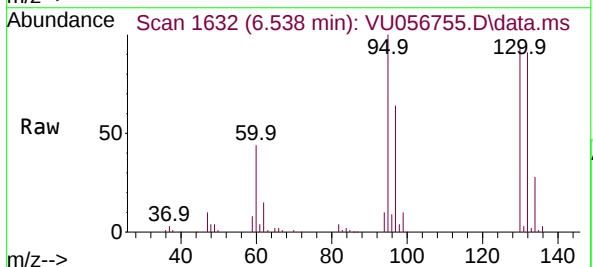
Instrument :
 MSVOA_U
 ClientSampleId :

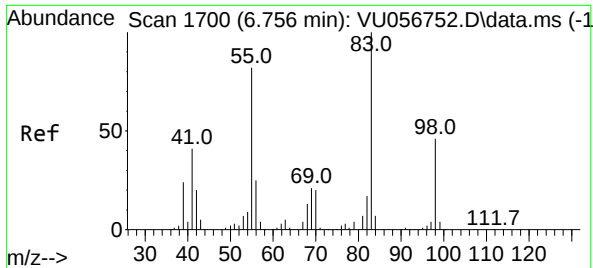
Tgt Ion: 96 Resp: 15476
 Ion Ratio Lower Upper
 96 100
 61 137.3 91.3 169.6
 98 70.5 44.2 82.0



#34
 Trichloroethene
 Concen: 5.099 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056755.D
 Acq: 12 Dec 2023 00:58

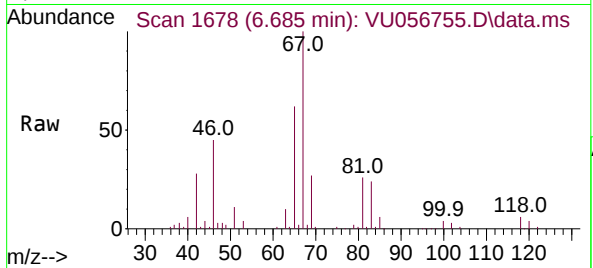
Tgt Ion: 95 Resp: 124040
 Ion Ratio Lower Upper
 95 100
 97 64.5 46.1 85.5
 132 91.1 63.6 118.0
 130 93.2 66.4 123.4



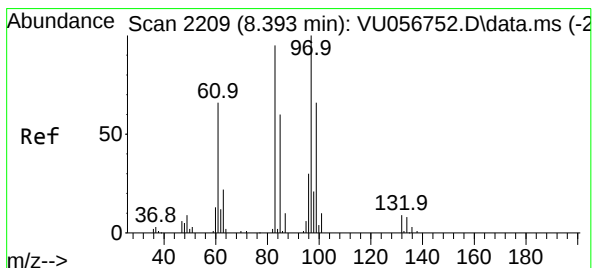
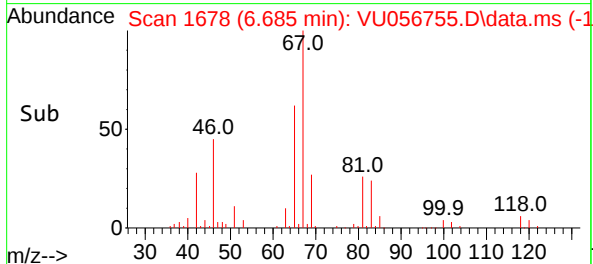
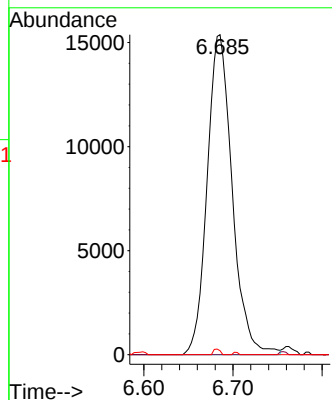


#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU056755.D
Acq: 12 Dec 2023 00:58

Instrument :
MSVOA_U
ClientSampleId :

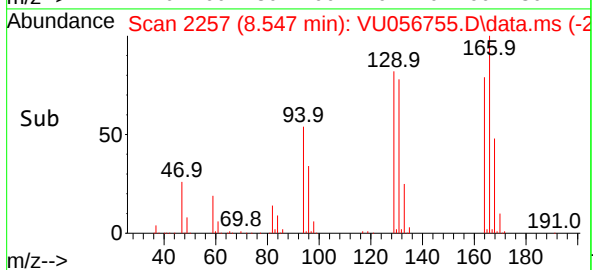
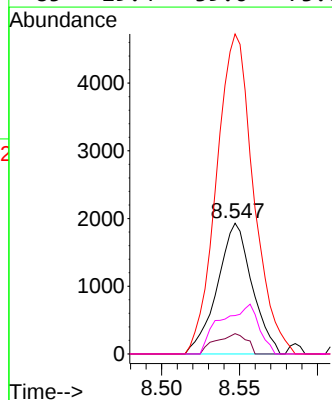
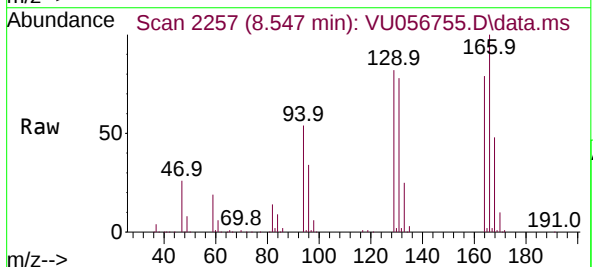


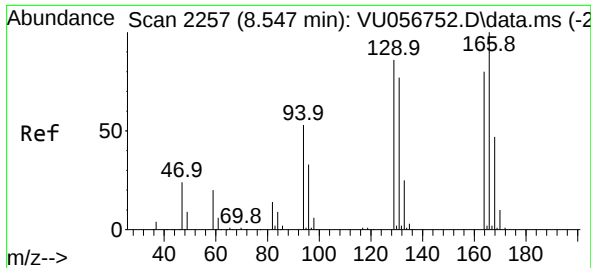
Tgt Ion: 83 Resp: 29944
Ion Ratio Lower Upper
83 100
55 0.3 64.6 97.0#
98 0.5 36.1 54.1#



#45
1,1,2-Trichloroethane
Concen: 0.195 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU056755.D
Acq: 12 Dec 2023 00:58

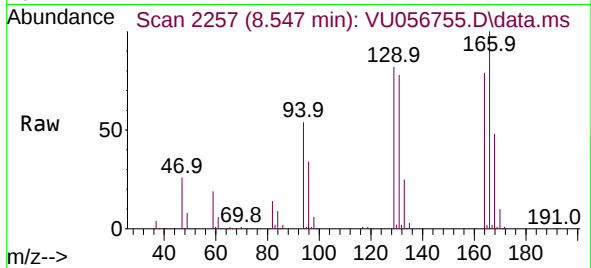
Tgt Ion: 97 Resp: 2991
Ion Ratio Lower Upper
97 100
99 15.5 41.9 77.9#
83 244.7 59.1 109.7#
85 29.4 39.6 73.6#



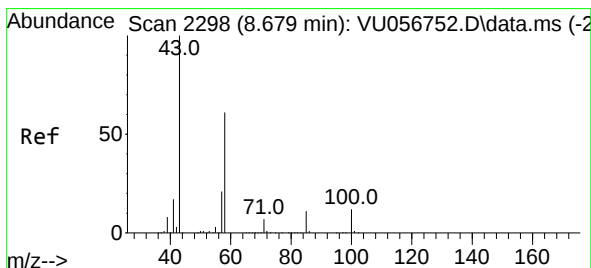
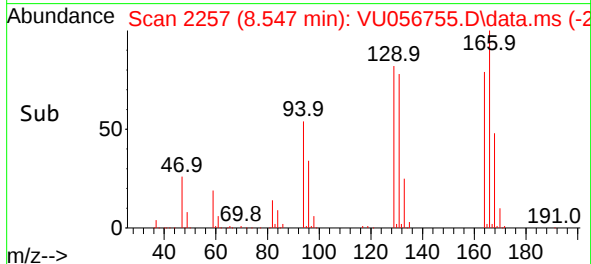
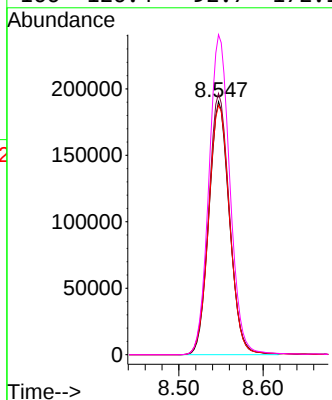


#47
Tetrachloroethene
Concen: 19.068 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056755.D
Acq: 12 Dec 2023 00:58

Instrument :
MSVOA_U
ClientSampleId :

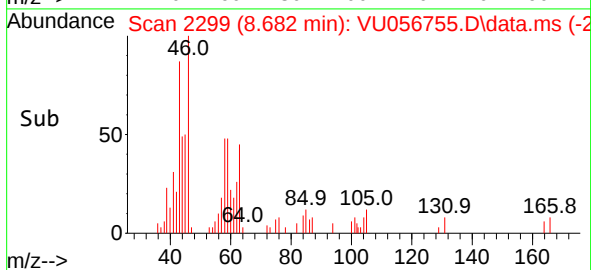
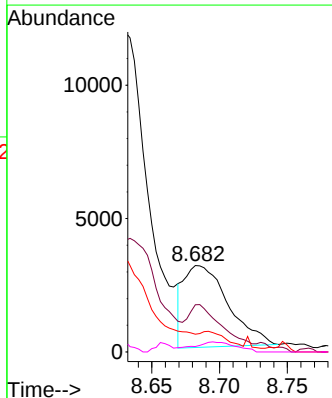
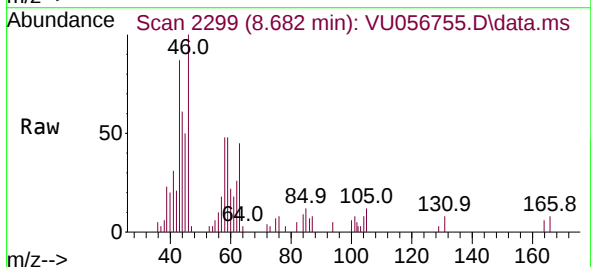


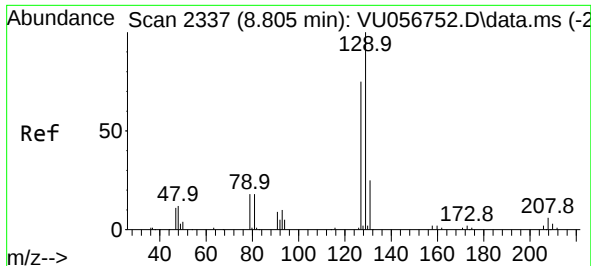
Tgt Ion:164 Resp: 324636
Ion Ratio Lower Upper
164 100
129 103.2 73.4 136.4
131 98.6 71.5 132.9
166 126.4 92.7 172.1



#48
2-Hexanone
Concen: 0.910 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056755.D
Acq: 12 Dec 2023 00:58

Tgt Ion: 43 Resp: 6981
Ion Ratio Lower Upper
43 100
58 50.8 47.5 71.3
57 9.4 17.0 25.4#
100 11.4 9.8 14.8

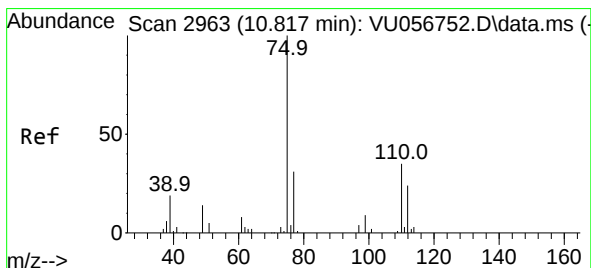
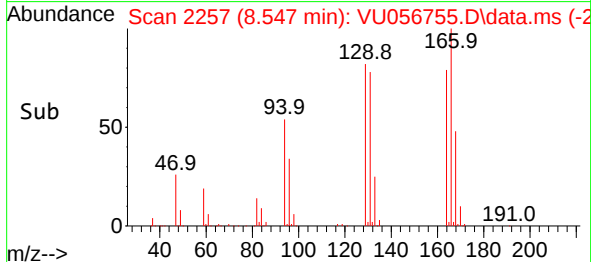
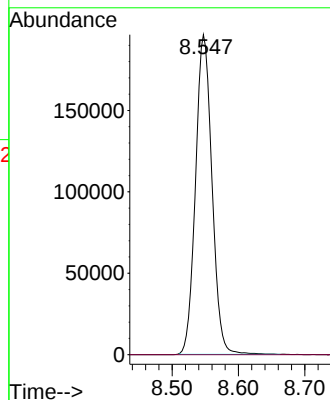
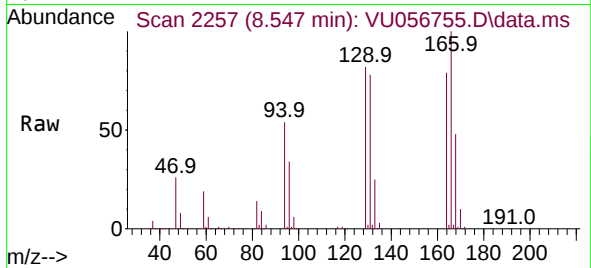




#49
Dibromochloromethane
Concen: 19.173 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.258 min
Lab File: VU056755.D
Acq: 12 Dec 2023 00:58

Instrument :
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ClientSampleId :

Tgt Ion:129 Resp: 337994
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.218 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056755.D
Acq: 12 Dec 2023 00:58

Tgt Ion: 75 Resp: 13983
Ion Ratio Lower Upper
75 100
110 1.3 28.4 42.6#
77 31.8 26.3 39.5

