

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056764.D
 Acq On : 12 Dec 2023 04:36
 Operator : MD/SY
 Sample : 05675-14
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:05:17 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)

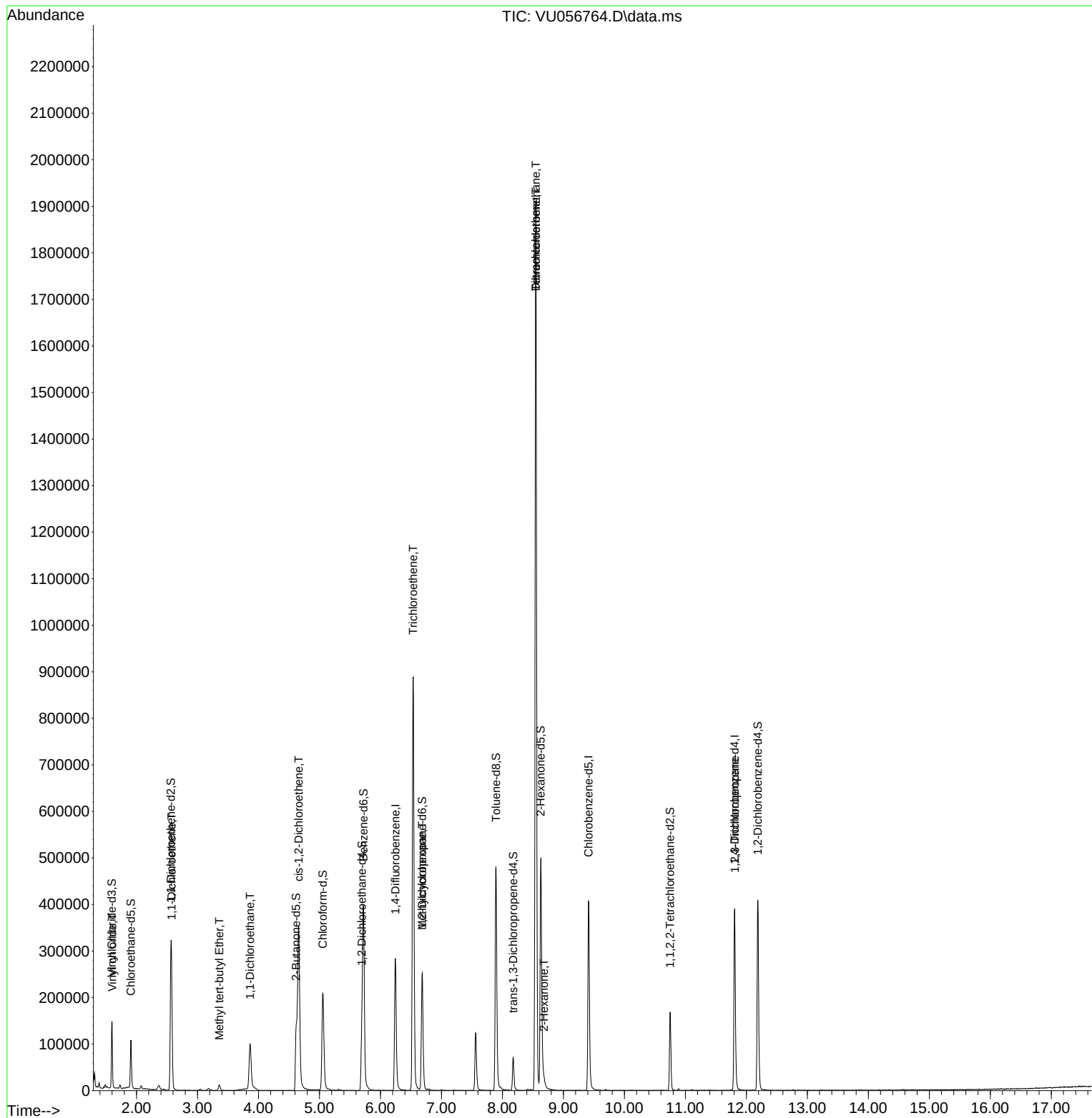
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	236819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	99848	4.939	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.907	69	75318	4.979	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.563	65	43905	5.076	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.600%	
20) 2-Butanone-d5	4.618	46	212792	53.298	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.600%	
24) Chloroform-d	5.055	84	198821	5.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
26) 1,2-Dichloroethane-d4	5.695	65	99148	5.473	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
32) Benzene-d6	5.721	84	388591	5.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.800%	
36) 1,2-Dichloropropane-d6	6.685	67	122299	5.319	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.894	98	342944	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
43) trans-1,3-Dichloroprop...	8.177	79	42945	4.817	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.627	63	173593	51.622	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.240%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	83945	5.046	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	108240	5.173	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3625	0.150	ug/L #	1
12) 1,1-Dichloroethene	2.576	96	56714	2.962	ug/L	86
17) Methyl tert-butyl Ether	3.357	73	10577	0.249	ug/L	96
19) 1,1-Dichloroethane	3.862	63	112158	3.003	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	178466	8.450	ug/L	100
34) Trichloroethene	6.534	95	324309	14.205	ug/L	97
35) Methylcyclohexane	6.682	83	28902	0.858	ug/L #	17
47) Tetrachloroethene	8.547	164	414069	25.915	ug/L	98
48) 2-Hexanone	8.682	43	7305	1.015	ug/L #	81
49) Dibromochloromethane	8.547	129	426550	25.782	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	15287	1.338	ug/L #	67

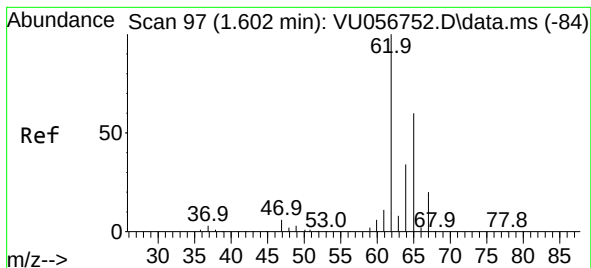
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.150 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU056764.D

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Instrument :

MSVOA_U

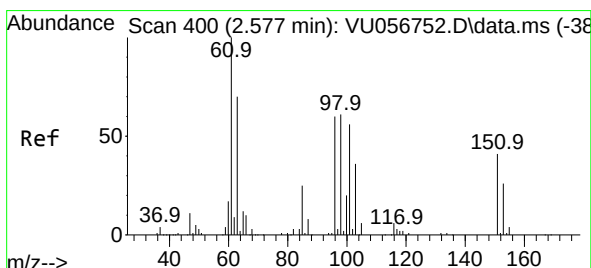
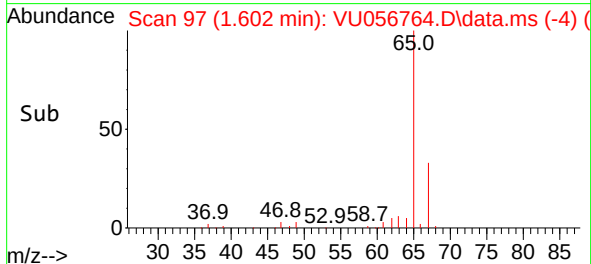
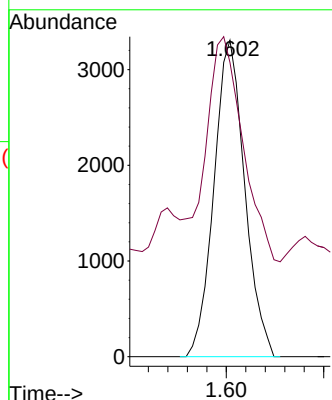
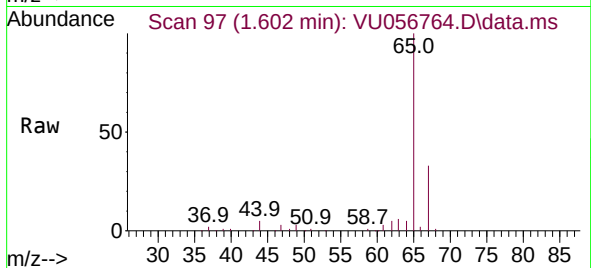
ClientSampleId :

Tgt Ion: 62 Resp: 3625

Ion Ratio Lower Upper

62 100

64 93.0 22.8 42.4#



#12

1,1-Dichloroethene

Concen: 2.962 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056764.D

Acq: 12 Dec 2023 04:36

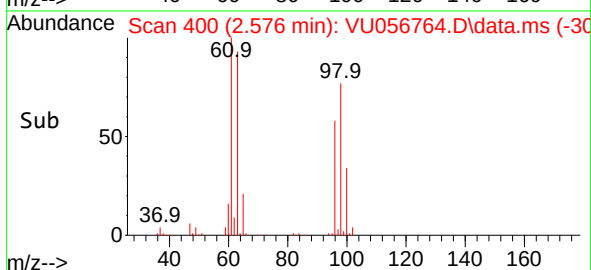
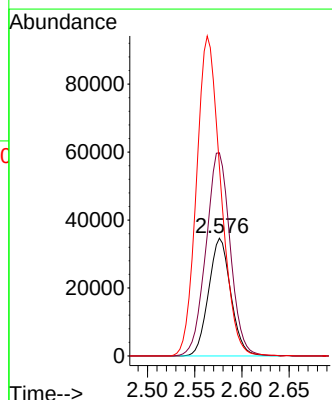
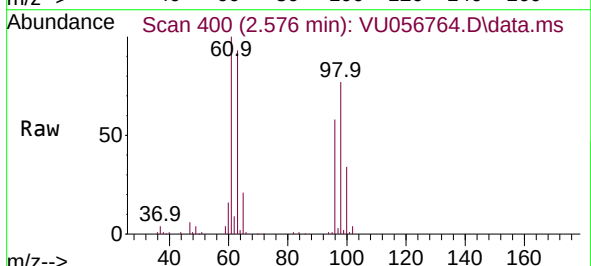
Tgt Ion: 96 Resp: 56714

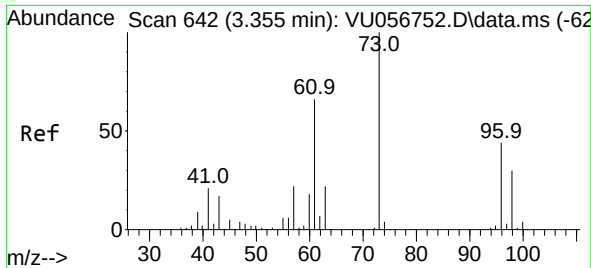
Ion Ratio Lower Upper

96 100

61 172.7 119.0 221.0

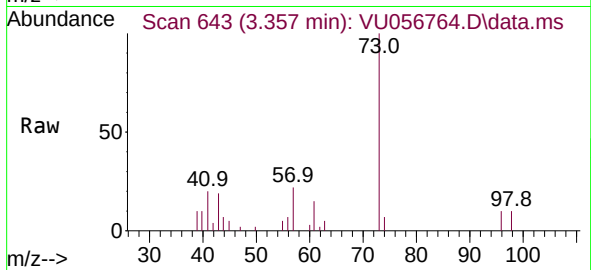
63 161.0 88.7 164.7



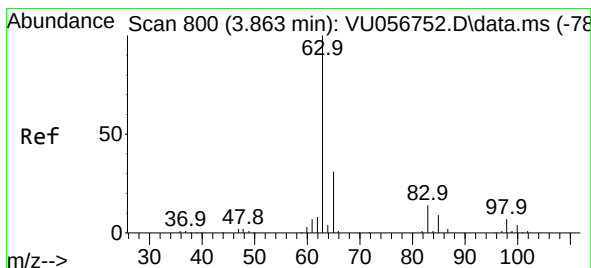
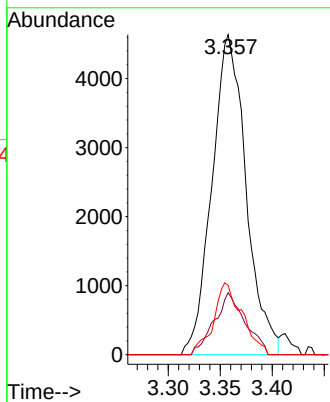
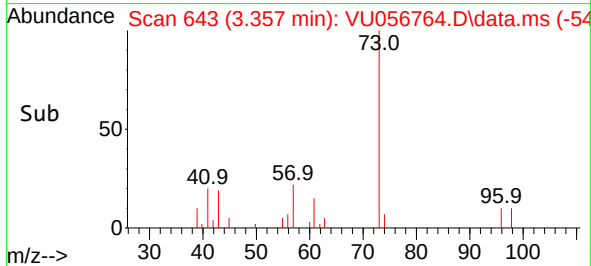


#17
Methyl tert-butyl Ether
Concen: 0.249 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU056764.D
Acq: 12 Dec 2023 04:36

Instrument :
MSVOA_U
ClientSampleId :

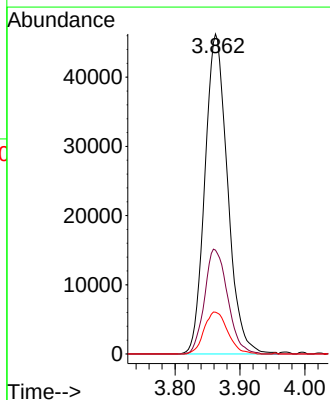
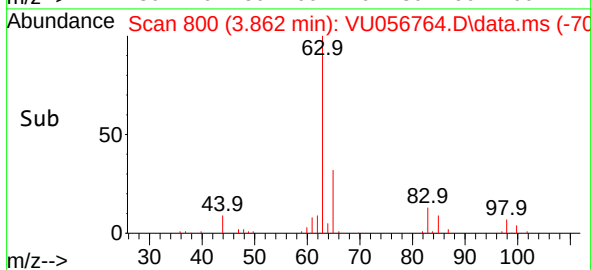
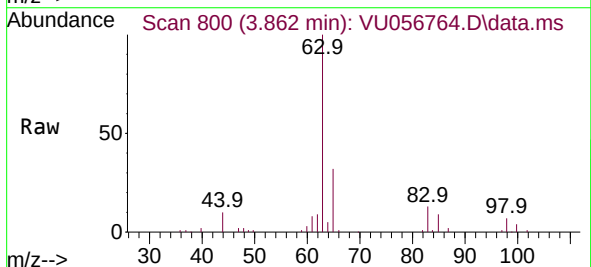


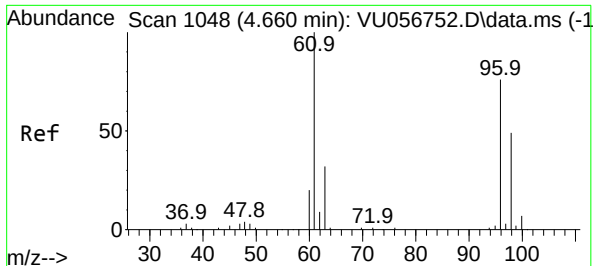
Tgt Ion: 73 Resp: 10577
Ion Ratio Lower Upper
73 100
43 17.6 14.4 21.6
57 18.9 17.8 26.8



#19
1,1-Dichloroethane
Concen: 3.003 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056764.D
Acq: 12 Dec 2023 04:36

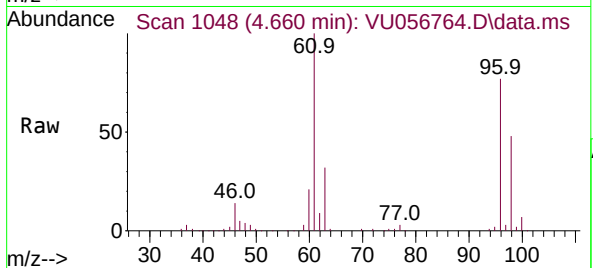
Tgt Ion: 63 Resp: 112158
Ion Ratio Lower Upper
63 100
65 32.4 22.9 42.5
83 13.0 10.1 18.9



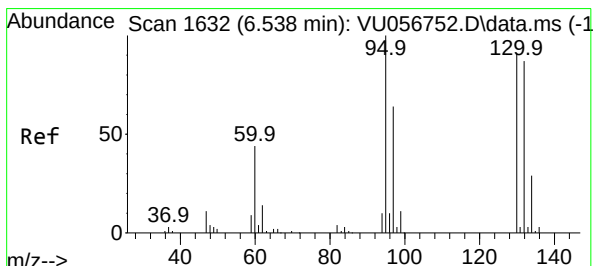
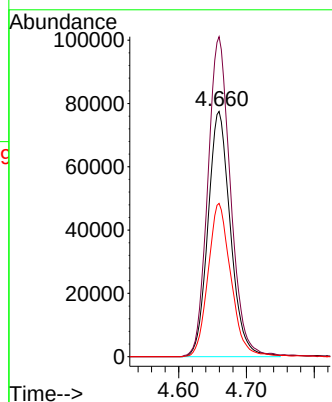
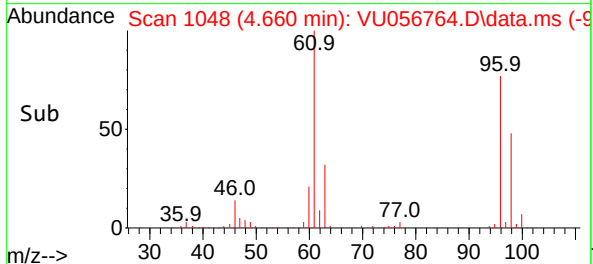


#22
 cis-1,2-Dichloroethene
 Concen: 8.450 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056764.D
 Acq: 12 Dec 2023 04:36

Instrument :
 MSVOA_U
 ClientSampleId :

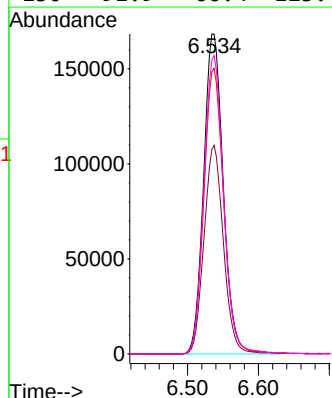
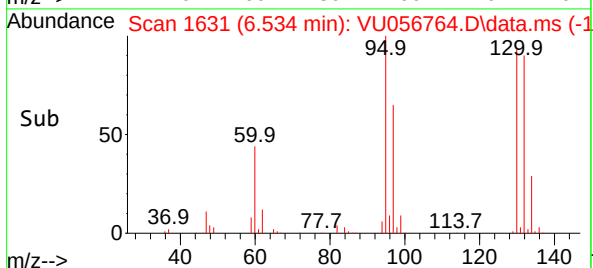
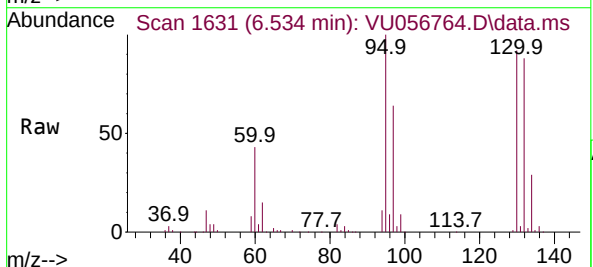


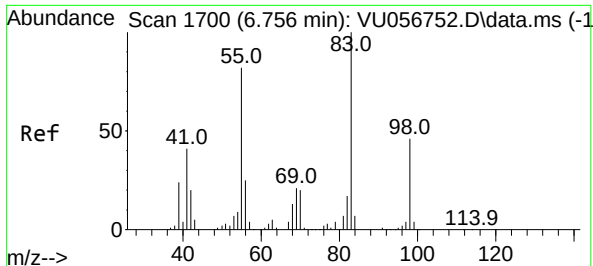
Tgt Ion: 96 Resp: 178466
 Ion Ratio Lower Upper
 96 100
 61 130.4 91.3 169.6
 98 62.5 44.2 82.0



#34
 Trichloroethene
 Concen: 14.205 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.004 min
 Lab File: VU056764.D
 Acq: 12 Dec 2023 04:36

Tgt Ion: 95 Resp: 324309
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.1 85.5
 132 88.2 63.6 118.0
 130 91.9 66.4 123.4

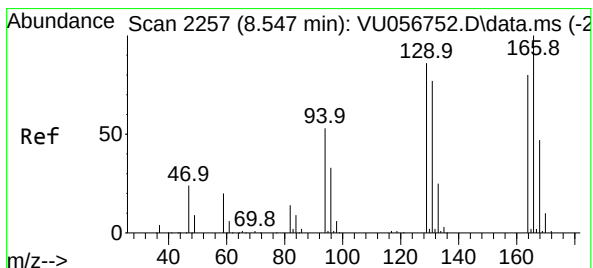
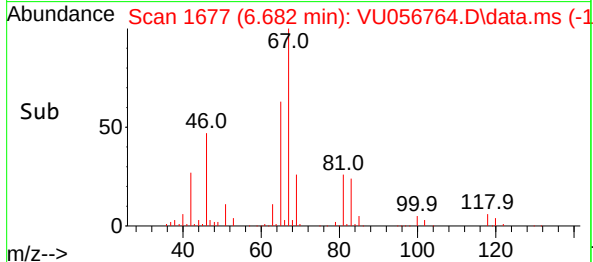
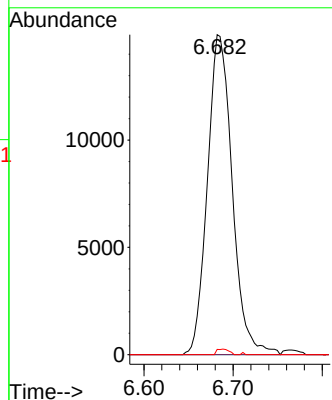
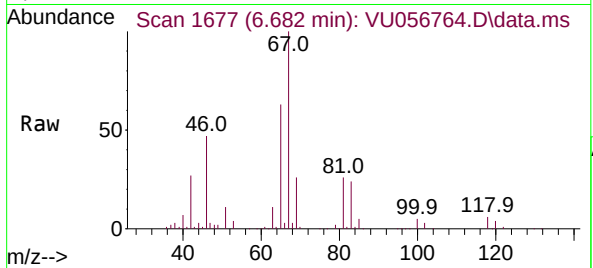




#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU056764.D
Acq: 12 Dec 2023 04:36

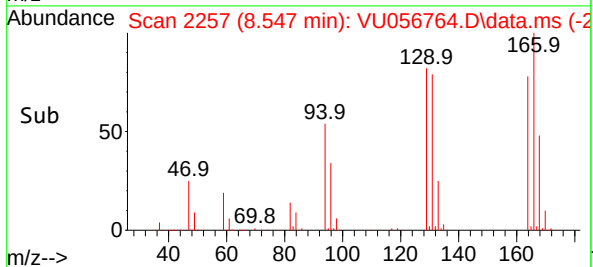
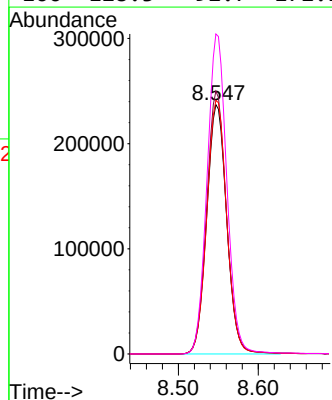
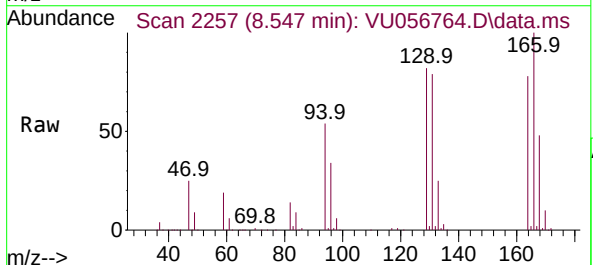
Instrument :
MSVOA_U
ClientSampleId :

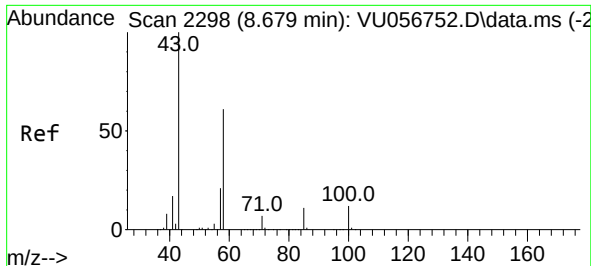
Tgt Ion: 83 Resp: 28902
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.8 36.1 54.1#



#47
Tetrachloroethene
Concen: 25.915 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056764.D
Acq: 12 Dec 2023 04:36

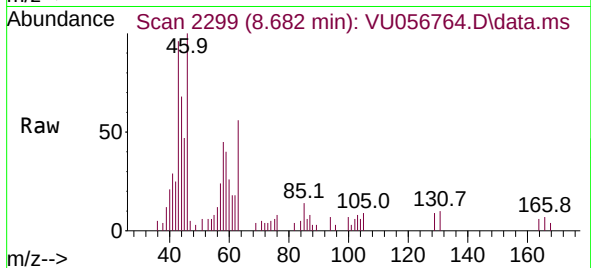
Tgt Ion:164 Resp: 414069
Ion Ratio Lower Upper
164 100
129 105.3 73.4 136.4
131 101.7 71.5 132.9
166 128.3 92.7 172.1



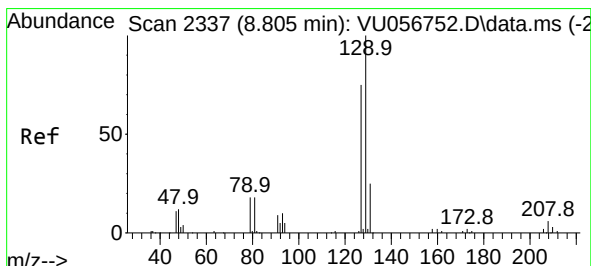
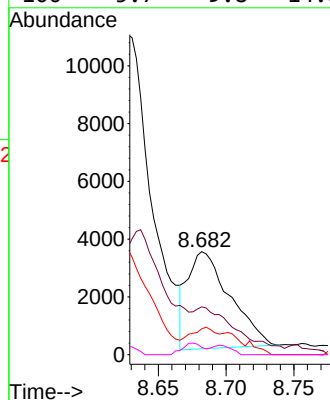
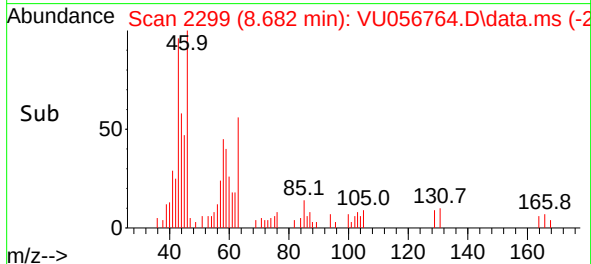


#48
2-Hexanone
Concen: 1.015 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056764.D
Acq: 12 Dec 2023 04:36

Instrument :
MSVOA_U
ClientSampleId :

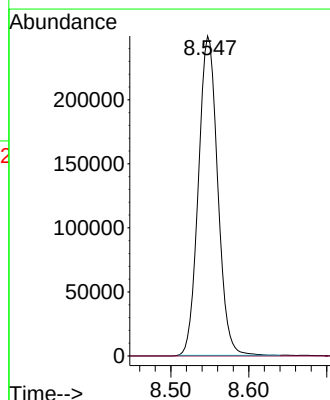
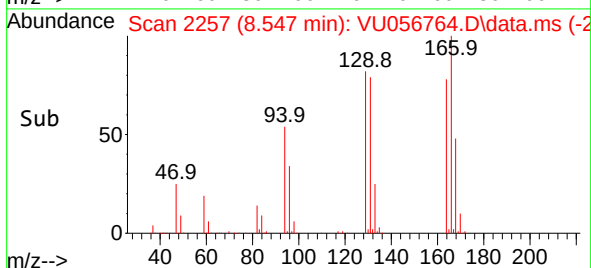
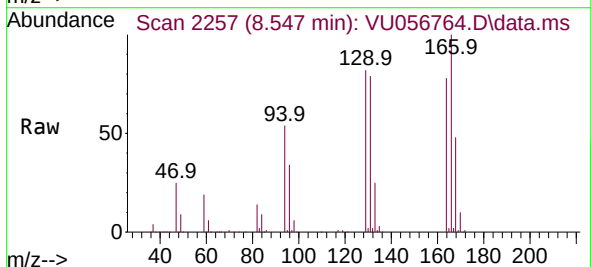


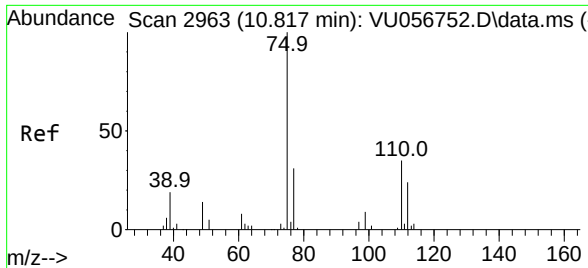
Tgt Ion: 43 Resp: 7305
Ion Ratio Lower Upper
43 100
58 48.1 47.5 71.3
57 6.7 17.0 25.4#
100 5.7 9.8 14.8#



#49
Dibromochloromethane
Concen: 25.782 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.258 min
Lab File: VU056764.D
Acq: 12 Dec 2023 04:36

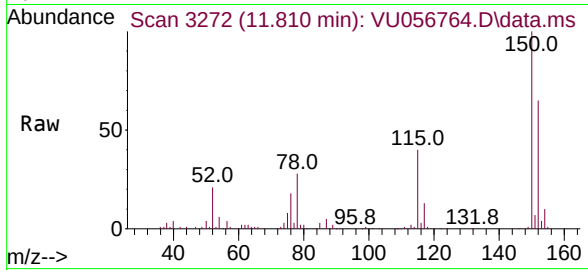
Tgt Ion: 129 Resp: 426550
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.338 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU056764.D
 Acq: 12 Dec 2023 04:36

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	15287
Ion	Ratio	Lower	Upper
75	100		
110	3.1	28.4	42.6#
77	27.6	26.3	39.5

