

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056771.D
 Acq On : 12 Dec 2023 07:25
 Operator : MD/SY
 Sample : 05675-21
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 11:04:39 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)

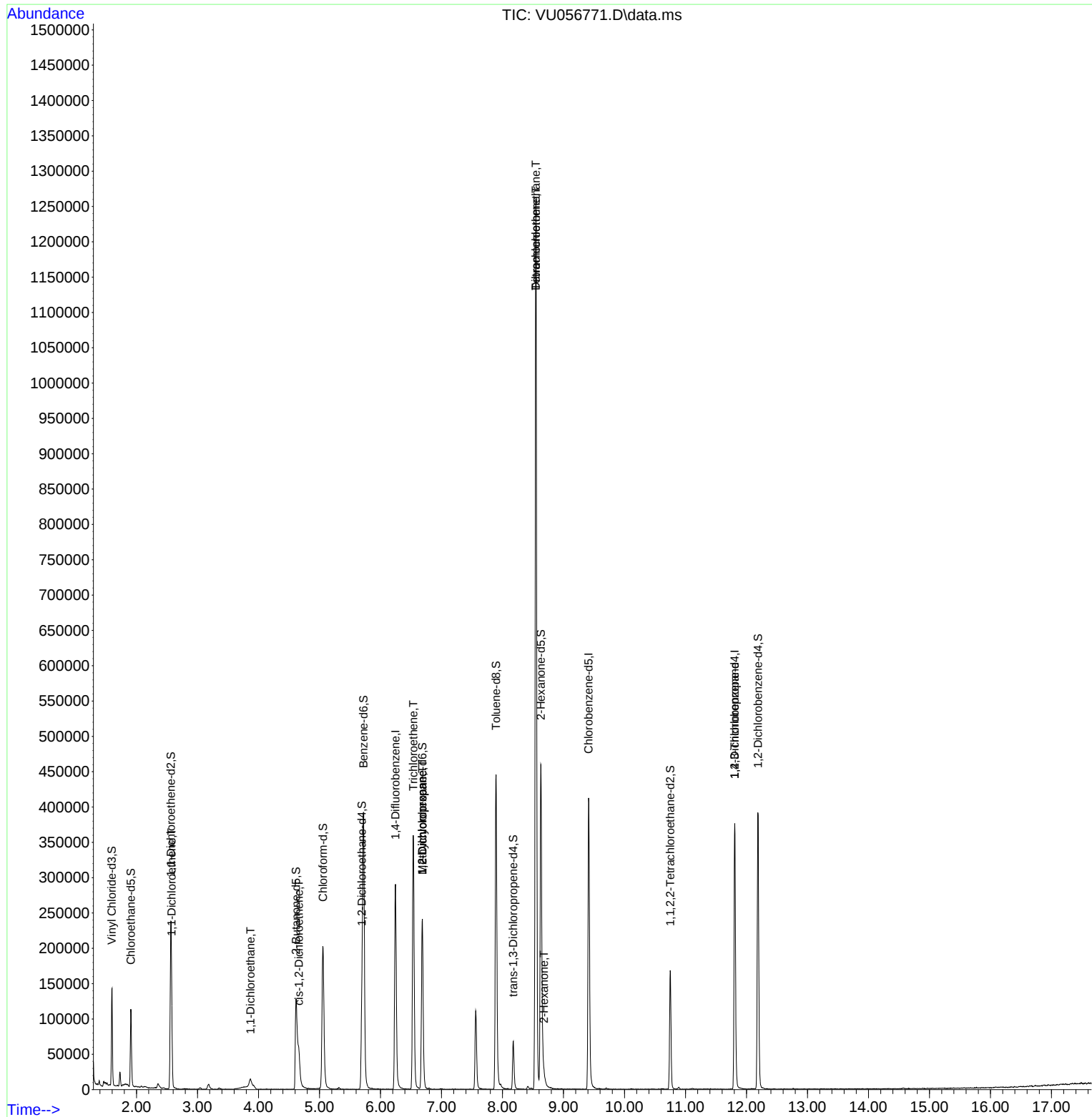
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	243222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97542	4.766	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.907	69	81326	5.310	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.200%	
11) 1,1-Dichloroethene-d2	2.563	65	42632	4.868	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.400%	
20) 2-Butanone-d5	4.615	46	195961	48.480	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.960%	
24) Chloroform-d	5.055	84	191295	4.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.695	65	93728	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.721	84	374176	4.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.685	67	120022	5.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.894	98	314885	4.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.177	79	40331	4.404	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.627	63	157034	45.469	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.940%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86847	5.083	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	103587	5.171	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	15195	0.784	ug/L #	1
19) 1,1-Dichloroethane	3.869	63	11270	0.298	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	19629	0.918	ug/L	96
34) Trichloroethene	6.537	95	131219	5.596	ug/L	99
35) Methylcyclohexane	6.685	83	27030	0.781	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12820	0.586	ug/L #	89
47) Tetrachloroethene	8.547	164	270310	16.473	ug/L	98
48) 2-Hexanone	8.679	43	5731	0.775	ug/L #	44
49) Dibromochloromethane	8.547	129	274798	16.172	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	12392	1.133	ug/L #	68

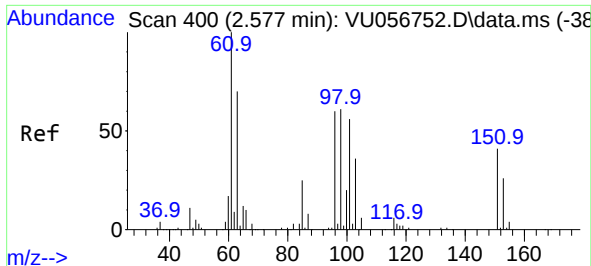
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.784 ug/L

RT: 2.576 min Scan# 40

Delta R.T. -0.001 min

Lab File: VU056771.D

Acq: 12 Dec 2023 07:25

Instrument :

MSVOA_U

ClientSampleId :

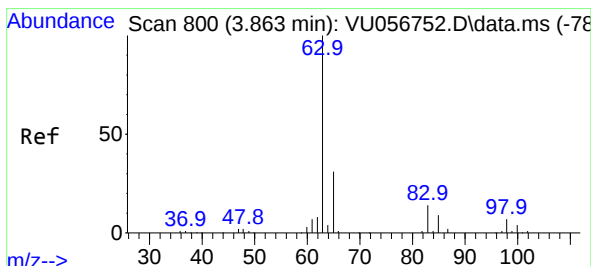
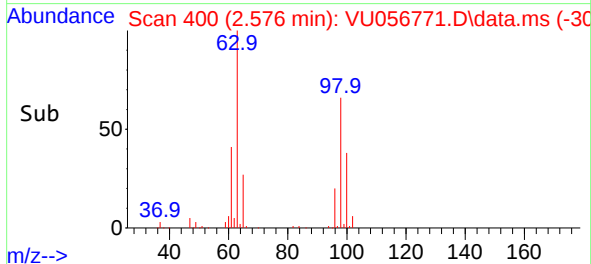
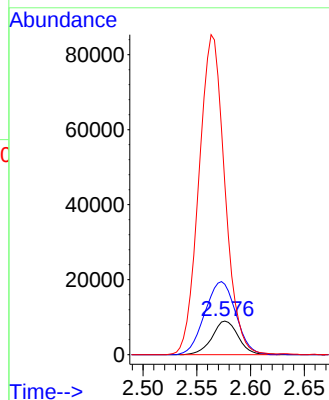
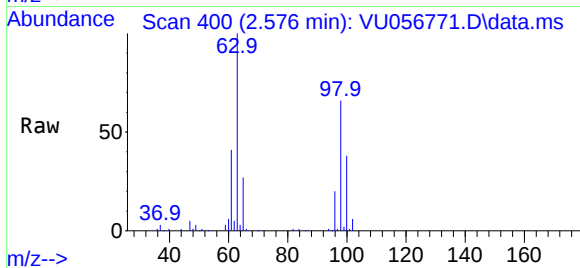
Tgt Ion: 96 Resp: 15195

Ion Ratio Lower Upper

96 100

61 209.2 119.0 221.0

63 506.6 88.7 164.7#



#19

1,1-Dichloroethane

Concen: 0.298 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.006 min

Lab File: VU056771.D

Acq: 12 Dec 2023 07:25

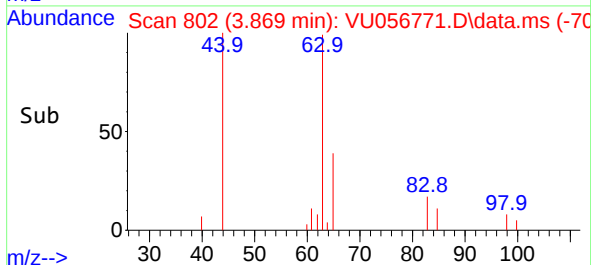
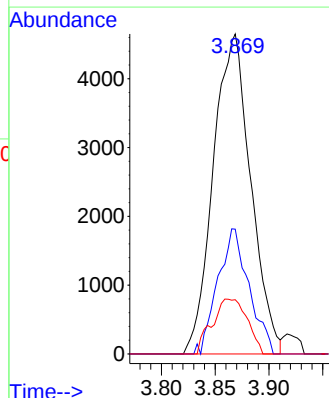
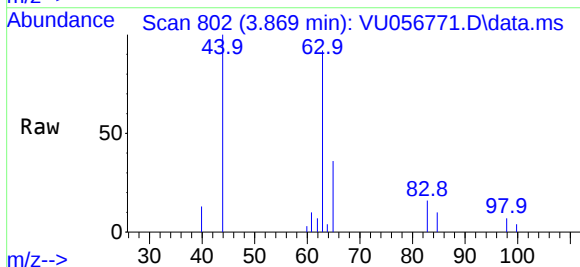
Tgt Ion: 63 Resp: 11270

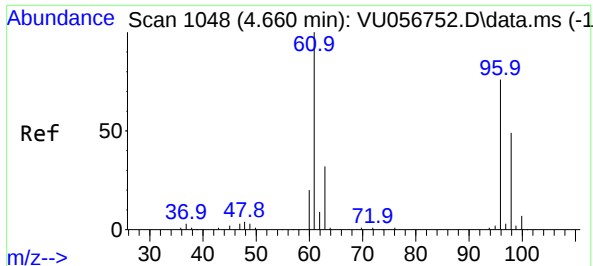
Ion Ratio Lower Upper

63 100

65 37.3 22.9 42.5

83 16.2 10.1 18.9



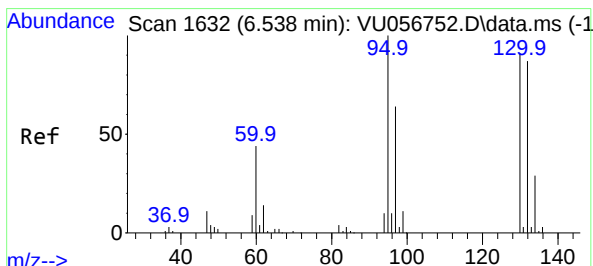
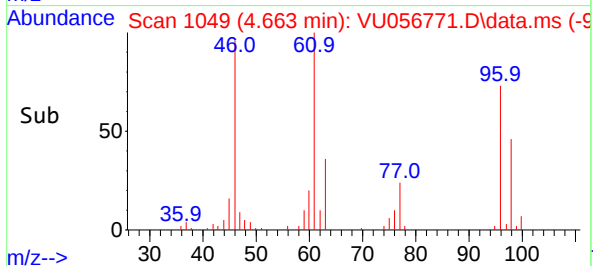
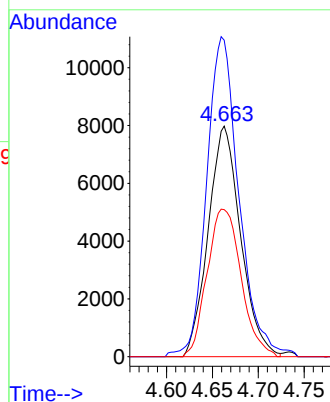
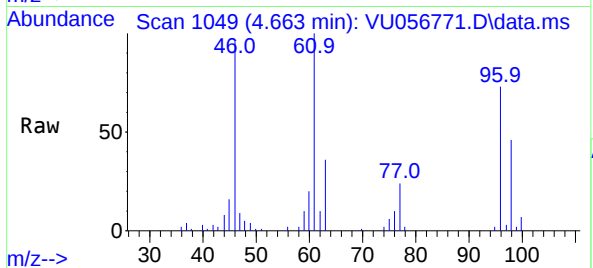


#22
cis-1,2-Dichloroethene
Concen: 0.918 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056771.D
Acq: 12 Dec 2023 07:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 19629

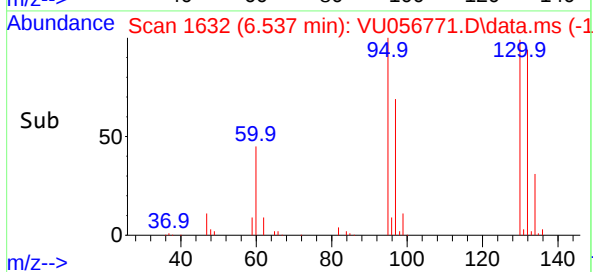
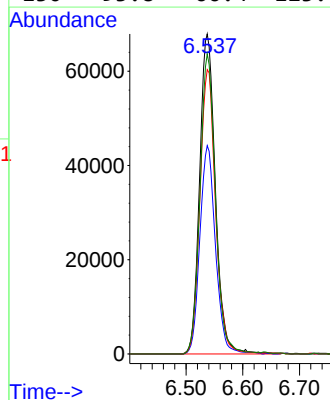
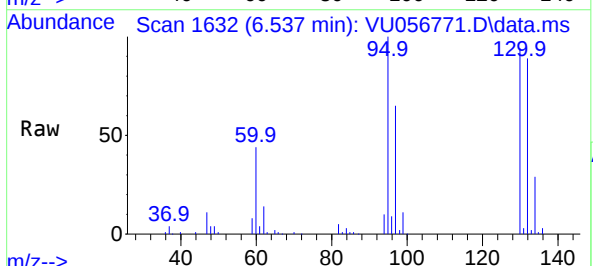
Ion	Ratio	Lower	Upper
96	100		
61	137.3	91.3	169.6
98	63.8	44.2	82.0

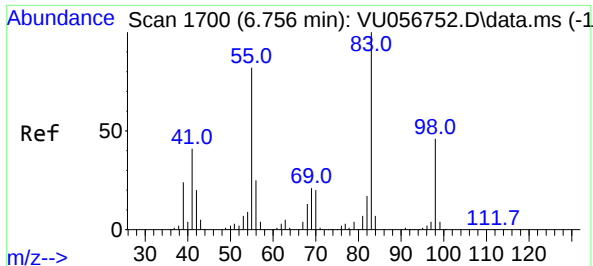


#34
Trichloroethene
Concen: 5.596 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.001 min
Lab File: VU056771.D
Acq: 12 Dec 2023 07:25

Tgt Ion: 95 Resp: 131219

Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.1	85.5
132	88.8	63.6	118.0
130	93.8	66.4	123.4





#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU056771.D

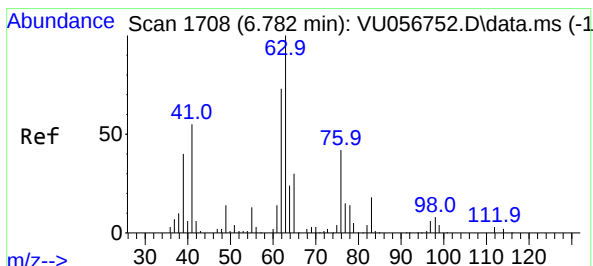
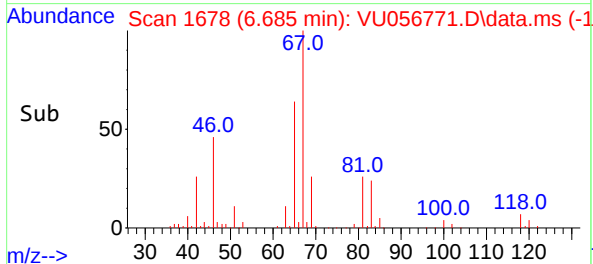
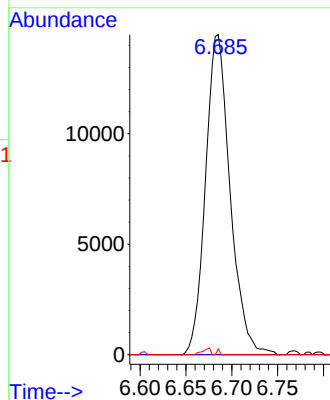
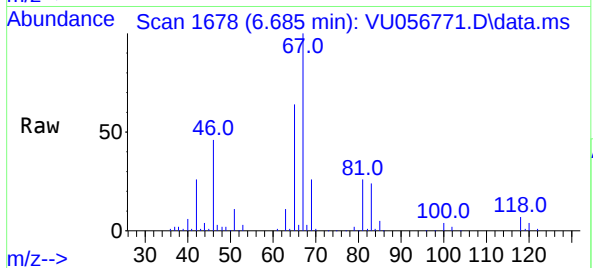
Acq: 12 Dec 2023 07:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	27030
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	0.7	36.1	54.1#



#37

1,2-Dichloropropane

Concen: 0.586 ug/L

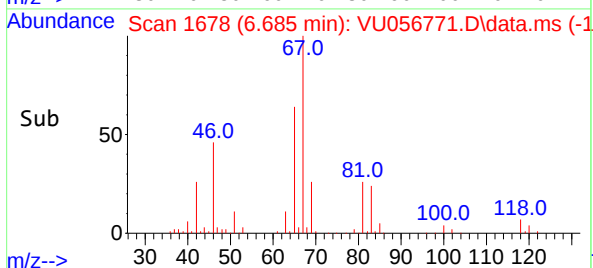
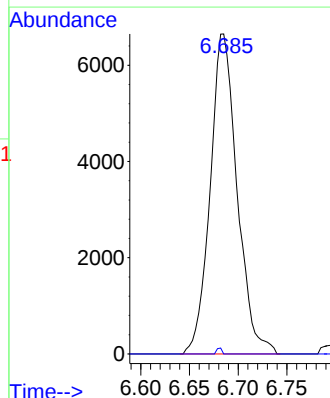
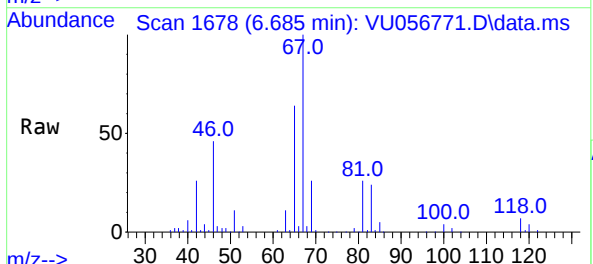
RT: 6.685 min Scan# 1678

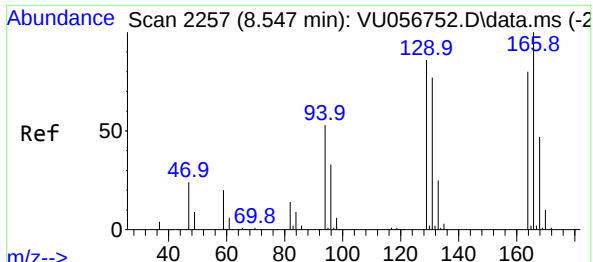
Delta R.T. -0.097 min

Lab File: VU056771.D

Acq: 12 Dec 2023 07:25

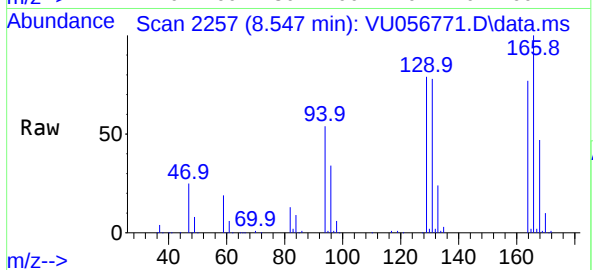
Tgt Ion:	63	Resp:	12820
Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.3	4.9#





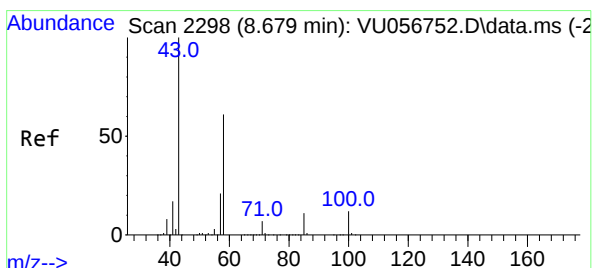
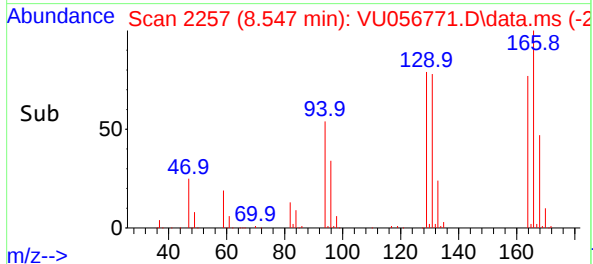
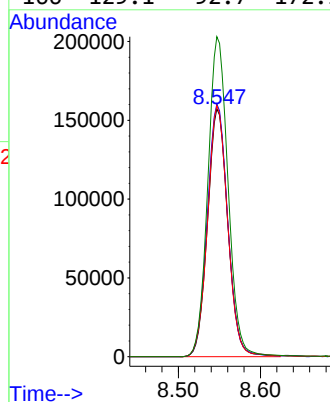
#47
Tetrachloroethene
Concen: 16.473 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU056771.D
Acq: 12 Dec 2023 07:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 270310

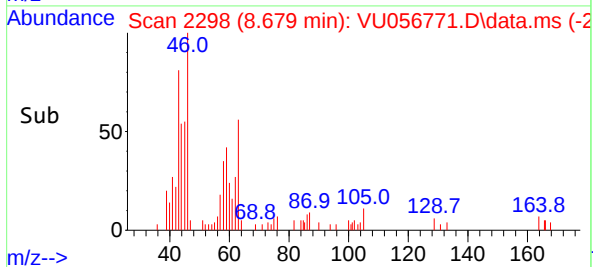
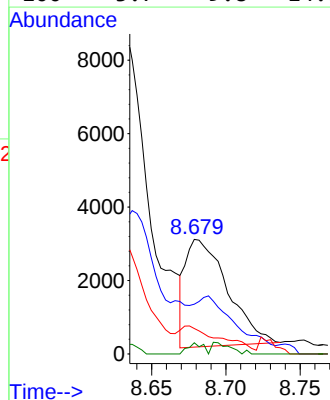
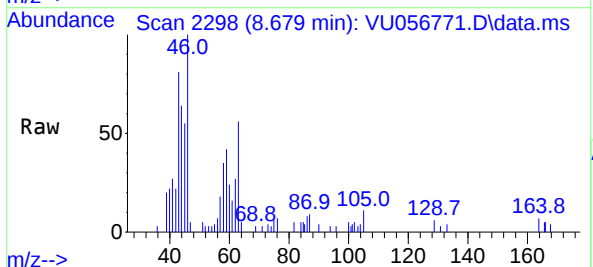
Ion	Ratio	Lower	Upper
164	100		
129	101.9	73.4	136.4
131	101.3	71.5	132.9
166	129.1	92.7	172.1

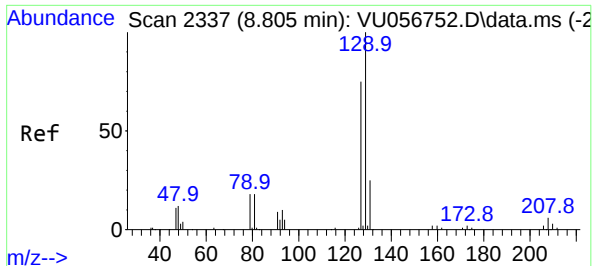


#48
2-Hexanone
Concen: 0.775 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.001 min
Lab File: VU056771.D
Acq: 12 Dec 2023 07:25

Tgt Ion: 43 Resp: 5731

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#
57	26.1	17.0	25.4#
100	3.7	9.8	14.8#





#49

Dibromochloromethane

Concen: 16.172 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.258 min

Lab File: VU056771.D

Acq: 12 Dec 2023 07:25

Instrument :

MSVOA_U

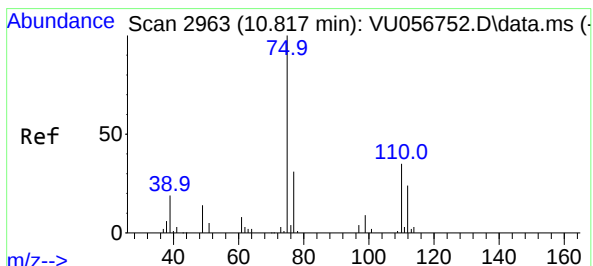
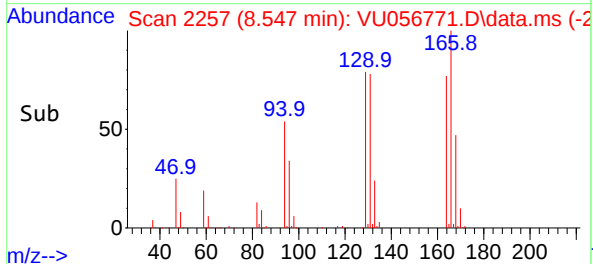
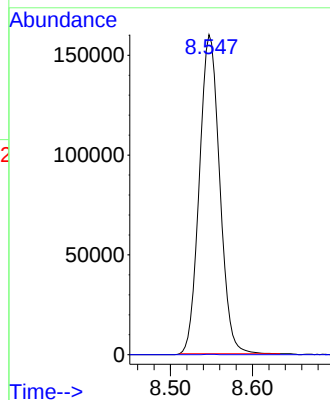
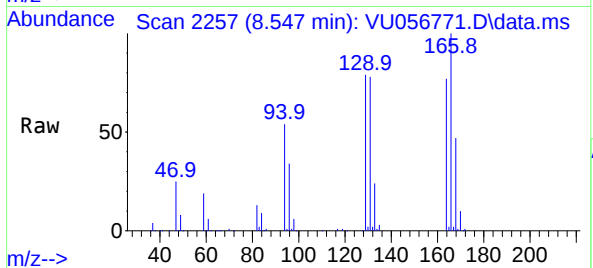
ClientSampleId :

Tgt Ion:129 Resp: 274798

Ion Ratio Lower Upper

129 100

127 0.1 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.133 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056771.D

Acq: 12 Dec 2023 07:25

Tgt Ion: 75 Resp: 12392

Ion Ratio Lower Upper

75 100

110 0.8 28.4 42.6#

77 34.8 26.3 39.5

