

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052072.D
 Acq On : 23 Nov 2022 06:12
 Operator : JC/MD
 Sample : N5693-08DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 08:26:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

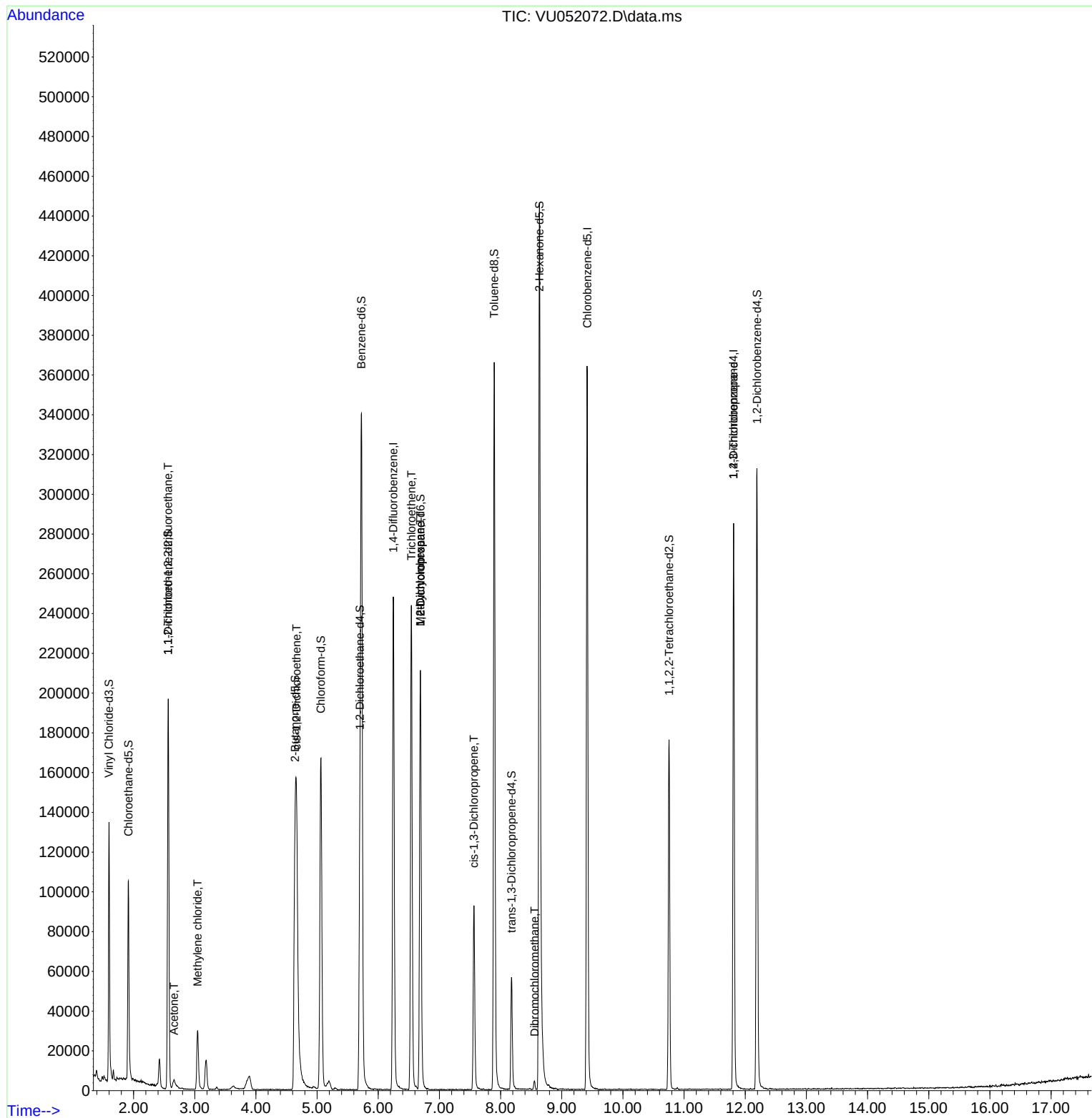
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	217227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99343	4.921	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.916	69	81315	5.186	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.565	65	36952	5.106	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.200%	
20) 2-Butanone-d5	4.642	46	217927	59.554	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.100%	
24) Chloroform-d	5.063	84	164591	5.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.000%	
26) 1,2-Dichloroethane-d4	5.700	65	84194	5.620	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.400%	
32) Benzene-d6	5.726	84	330809	5.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.690	67	107582	5.390	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.800%	
41) Toluene-d8	7.896	98	260985	4.473	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.179	79	34025	4.678	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.636	63	154483	50.121	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.240%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90254	5.216	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	88909	5.851	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1110	0.073	ug/L #	1
13) Acetone	2.662	43	8930	3.594	ug/L	94
16) Methylene chloride	3.044	84	16632	0.817	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	38613	2.280	ug/L	93
34) Trichloroethene	6.542	95	87610	4.969	ug/L	98
35) Methylcyclohexane	6.687	83	24779	0.977	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	11108	0.607	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2285	0.097	ug/L #	59
49) Dibromochloromethane	8.555	129	1121	0.073	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9355	1.030	ug/L #	67

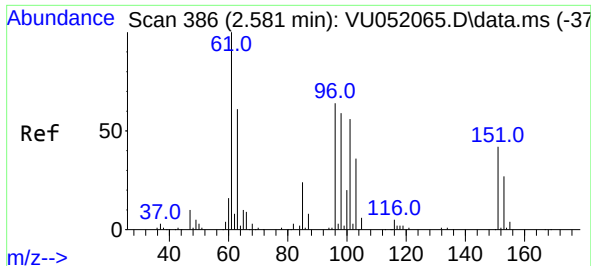
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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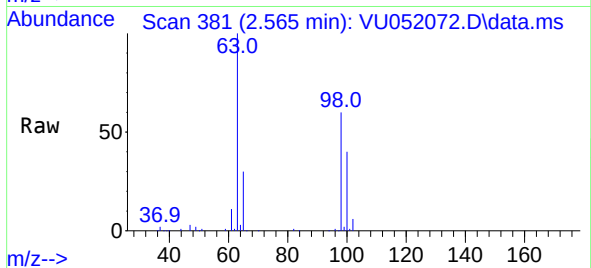
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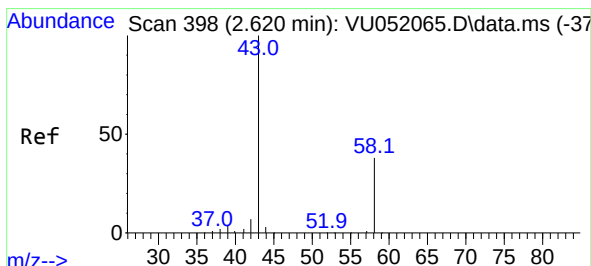
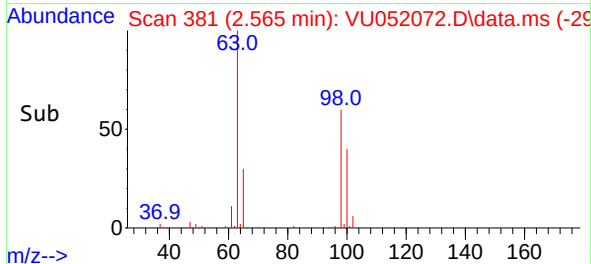
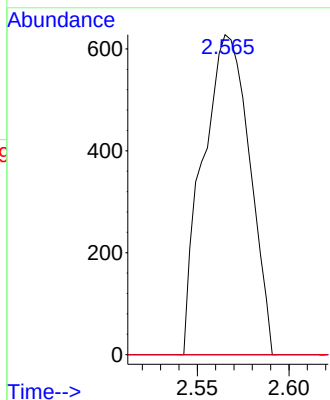


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.565 min Scan# 311
Delta R.T. -0.013 min
Lab File: VU052072.D
Acq: 23 Nov 2022 06:12

Instrument :
MSVOA_U
ClientSampleId :

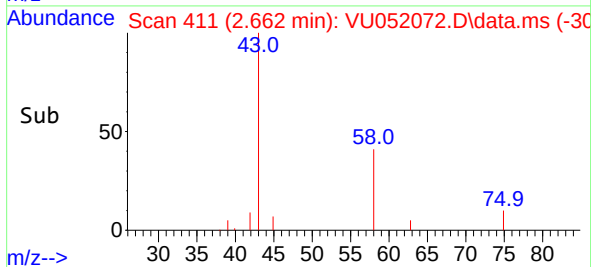
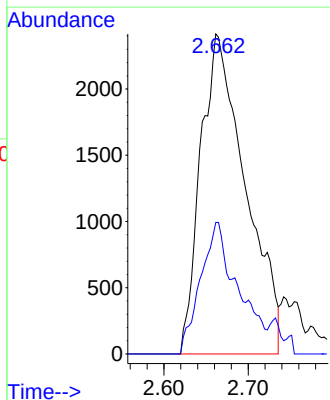
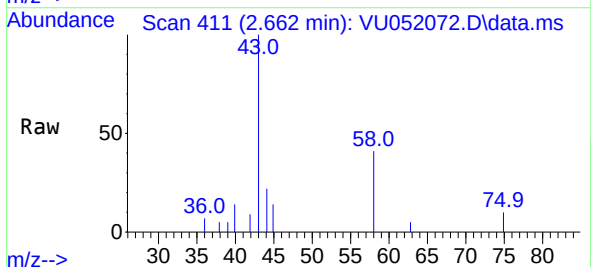


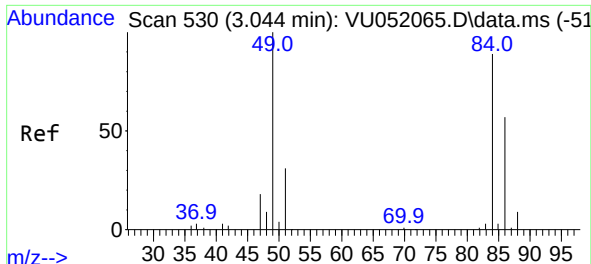
Tgt Ion:101 Resp: 1110
Ion Ratio Lower Upper
101 100
85 434.8 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 3.594 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.042 min
Lab File: VU052072.D
Acq: 23 Nov 2022 06:12

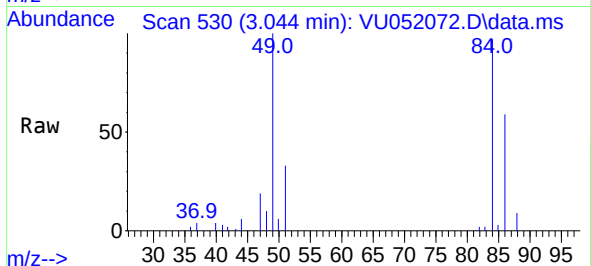
Tgt Ion: 43 Resp: 8930
Ion Ratio Lower Upper
43 100
58 34.4 0.0 76.0



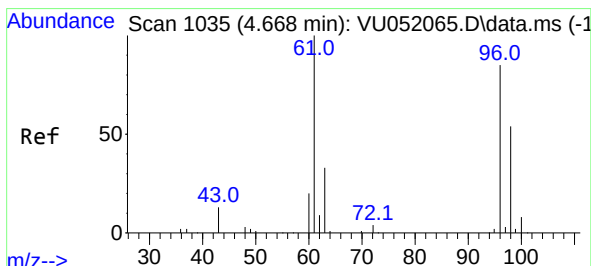
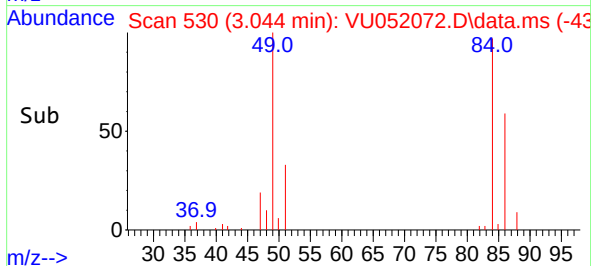
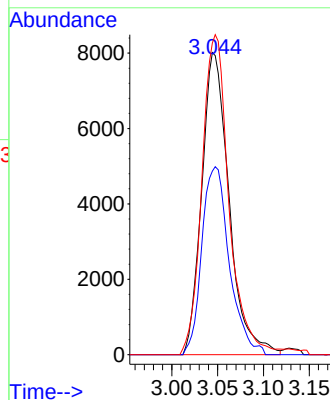


#16
Methylene chloride
Concen: 0.817 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052072.D
Acq: 23 Nov 2022 06:12

Instrument :
MSVOA_U
ClientSampleId :

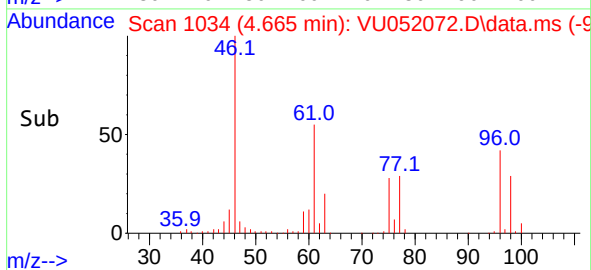
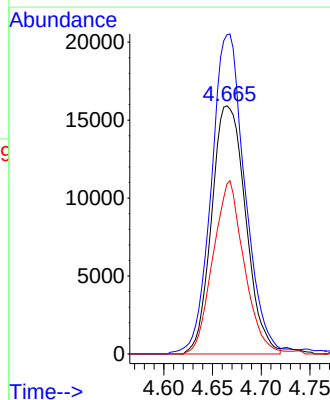
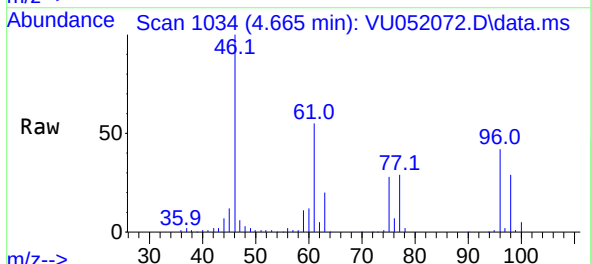


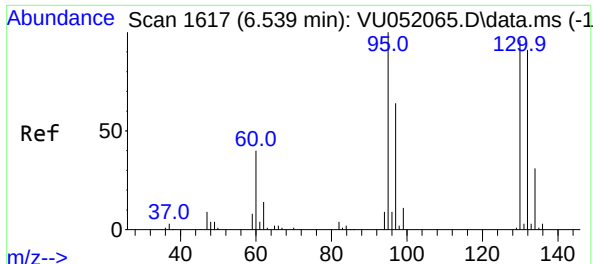
Tgt Ion: 84 Resp: 16632
Ion Ratio Lower Upper
84 100
86 60.7 43.8 81.4
49 103.1 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 2.280 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052072.D
Acq: 23 Nov 2022 06:12

Tgt Ion: 96 Resp: 38613
Ion Ratio Lower Upper
96 100
61 128.6 85.1 158.1
98 68.5 42.8 79.6

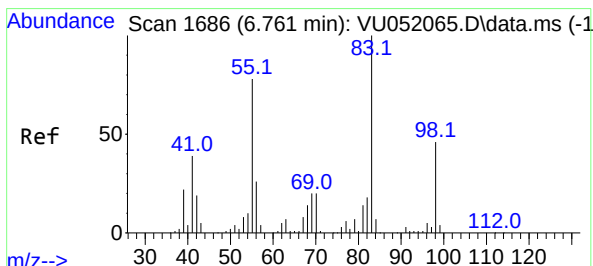
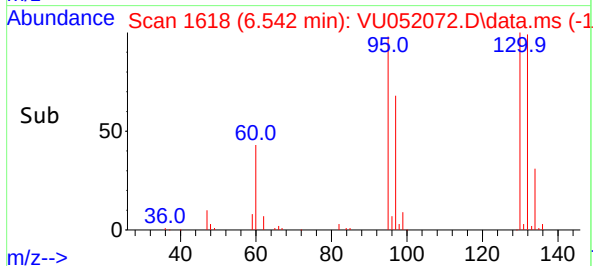
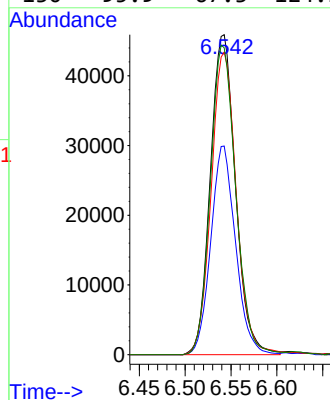
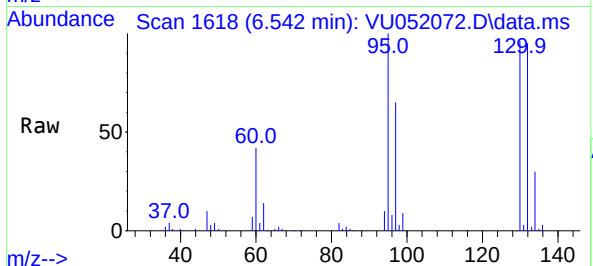




#34
Trichloroethene
Concen: 4.969 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU052072.D
Acq: 23 Nov 2022 06:12

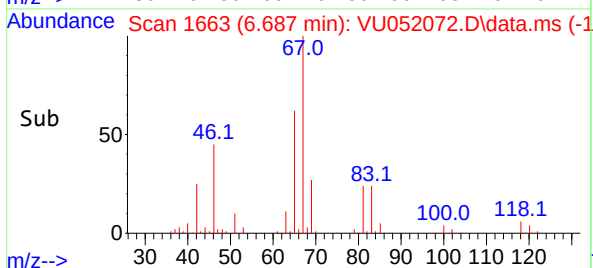
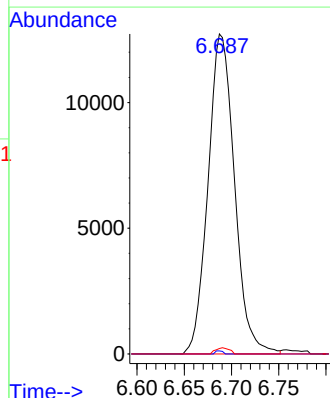
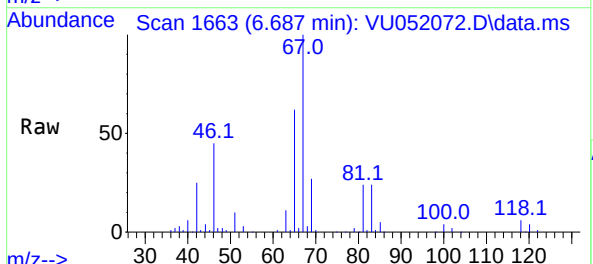
Instrument :
MSVOA_U
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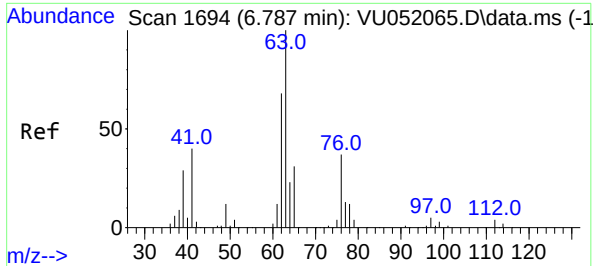
Tgt Ion: 95 Resp: 87610
Ion Ratio Lower Upper
95 100
97 65.2 43.7 81.1
132 94.5 64.3 119.3
130 95.9 67.3 124.9



#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052072.D
Acq: 23 Nov 2022 06:12

Tgt Ion: 83 Resp: 24779
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.0 35.1 52.7#

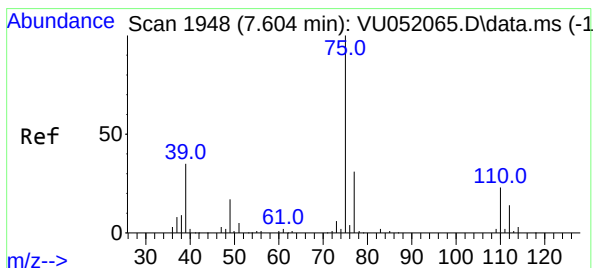
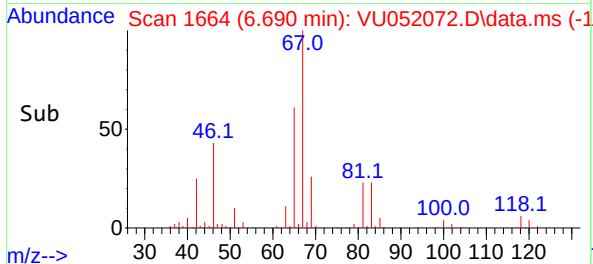
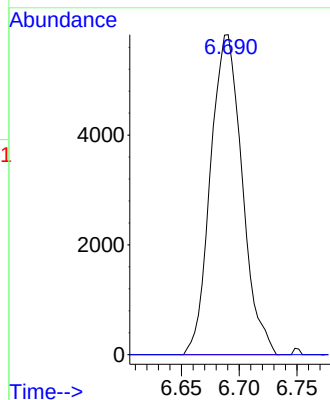
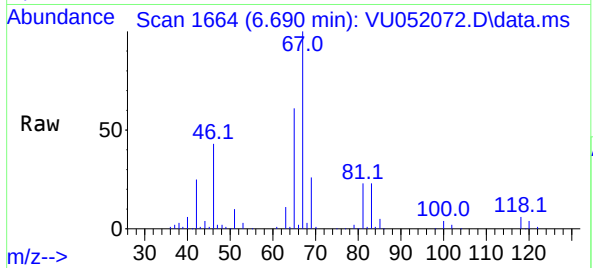




#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.690 min Scan# 11108
Delta R.T. -0.096 min
Lab File: VU052072.D
Acq: 23 Nov 2022 06:12

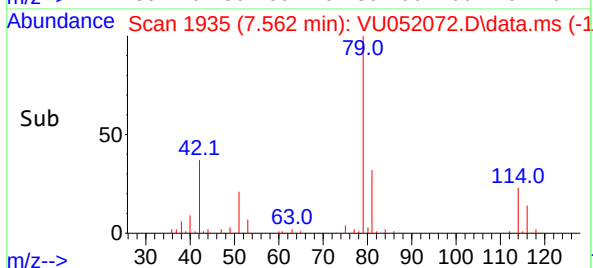
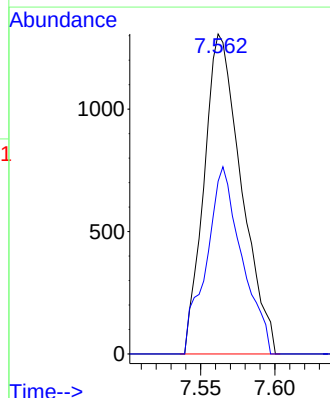
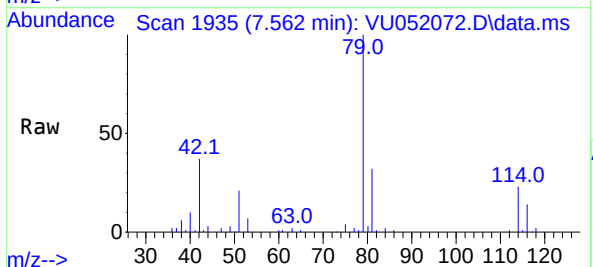
Instrument :
MSVOA_U
ClientSampleId :

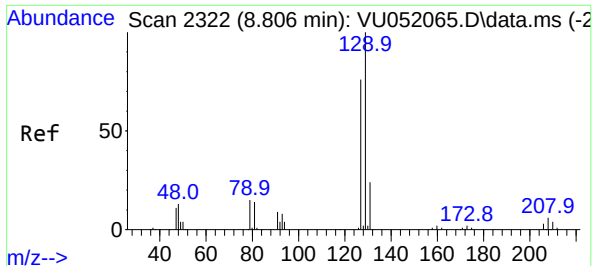
Tgt Ion: 63 Resp: 11108
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052072.D
Acq: 23 Nov 2022 06:12

Tgt Ion: 75 Resp: 2285
Ion Ratio Lower Upper
75 100
77 53.9 22.0 40.8#





#49

Dibromochloromethane

Concen: 0.073 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU052072.D

Acq: 23 Nov 2022 06:12

Instrument :

MSVOA_U

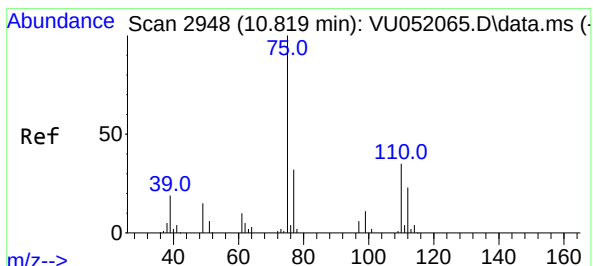
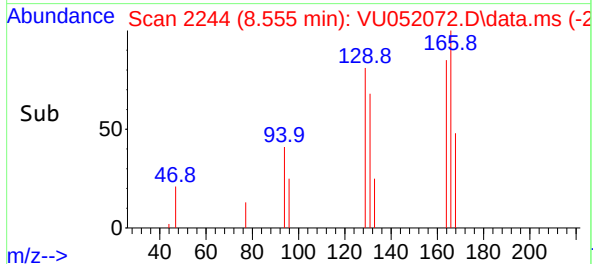
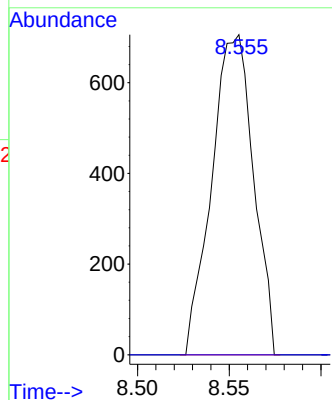
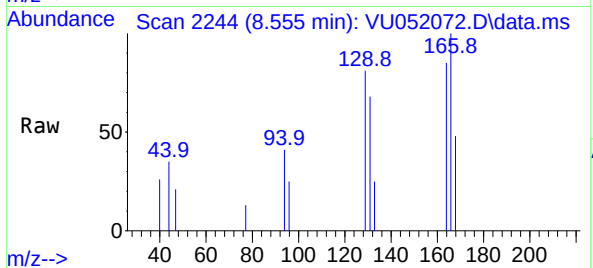
ClientSampleId :

Tgt Ion:129 Resp: 1121

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.030 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052072.D

Acq: 23 Nov 2022 06:12

Tgt Ion: 75 Resp: 9355

Ion Ratio Lower Upper

75 100

110 0.9 28.3 42.5#

77 30.4 26.2 39.2

