

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052077.D
 Acq On : 23 Nov 2022 08:28
 Operator : JC/MD
 Sample : N5685-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 09:16:36 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)

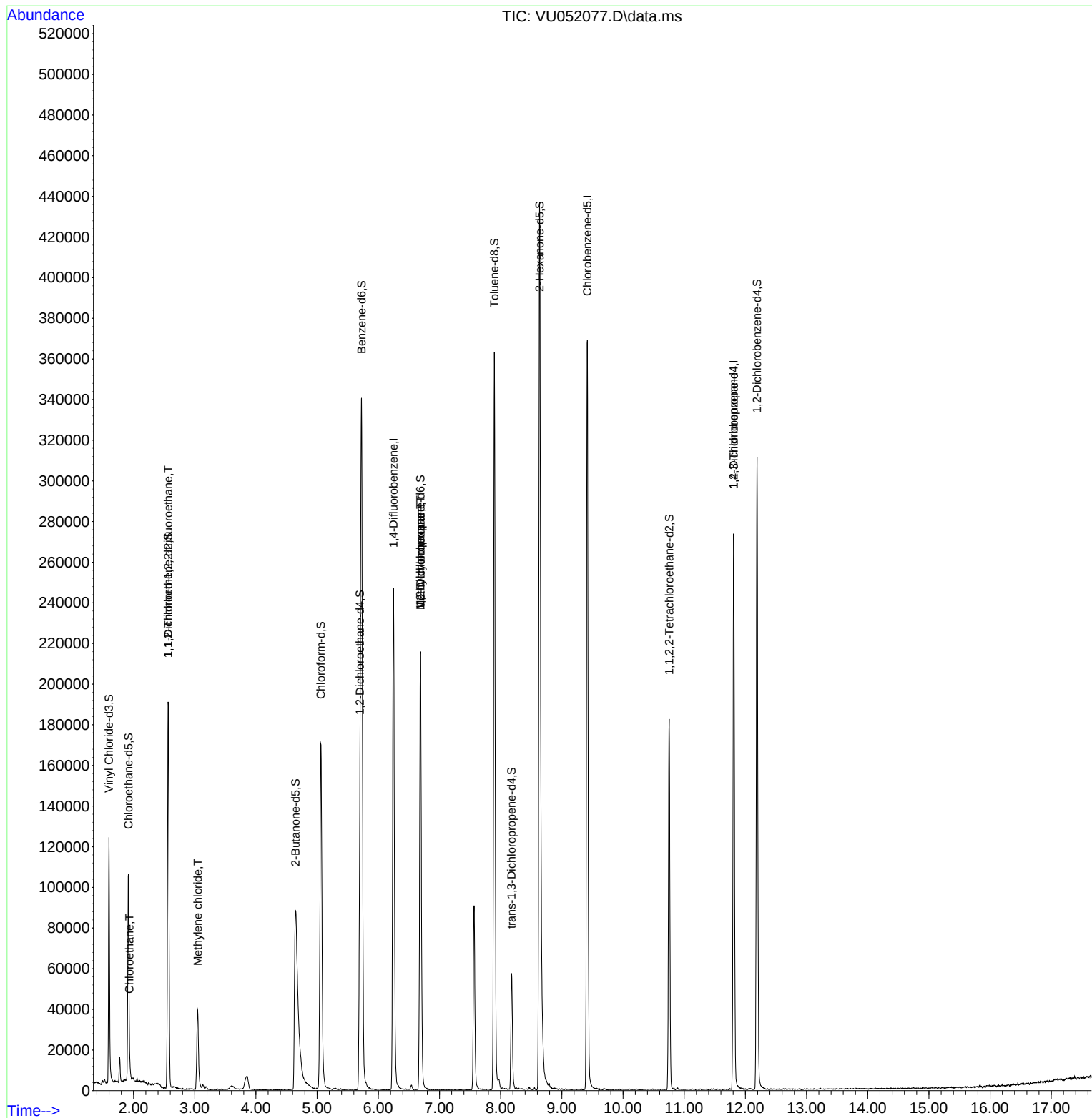
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	205999	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90985	4.541	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.916	69	81989	5.268	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.400%	
11) 1,1-Dichloroethene-d2	2.565	65	35655	4.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.200%	
20) 2-Butanone-d5	4.649	46	211838	58.324	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.640%	
24) Chloroform-d	5.060	84	166207	5.645	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.000%	
26) 1,2-Dichloroethane-d4	5.700	65	86558	5.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.400%	
32) Benzene-d6	5.726	84	334889	5.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
36) 1,2-Dichloropropane-d6	6.690	67	109953	5.576	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.600%	
41) Toluene-d8	7.896	98	257037	4.458	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	8.179	79	34578	4.812	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.636	63	156610	51.425	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.840%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93657	5.478	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	86995	5.847	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	1370	0.098	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1009	0.067	ug/L #	20
16) Methylene chloride	3.047	84	20847	1.031	ug/L	95
35) Methylcyclohexane	6.687	83	24829	0.991	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11246	0.622	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9478	1.066	ug/L #	69

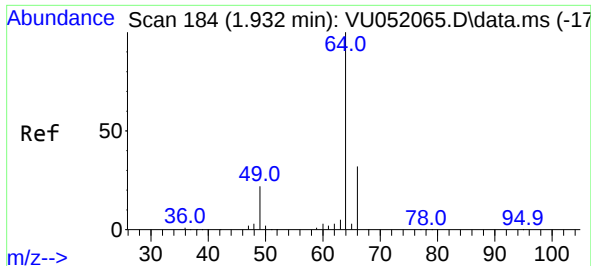
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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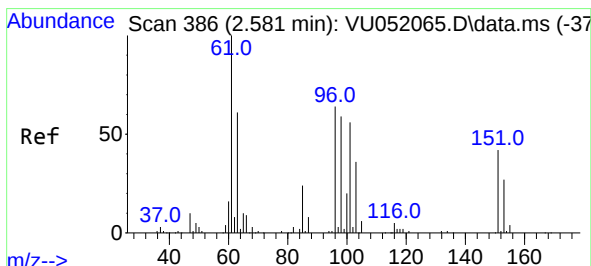
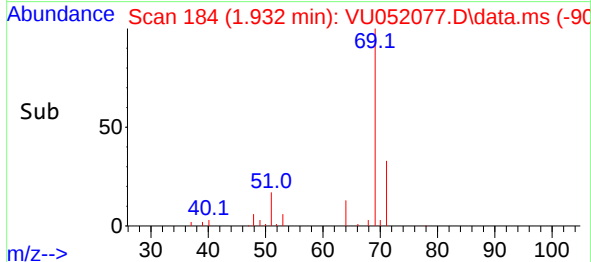
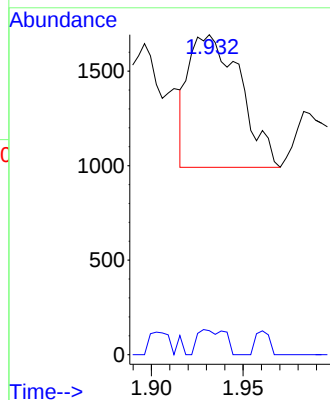
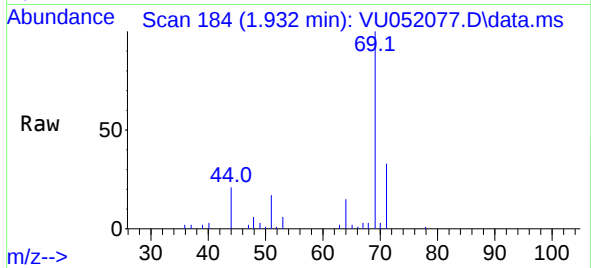




#8
Chloroethane
Concen: 0.098 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052077.D
Acq: 23 Nov 2022 08:28

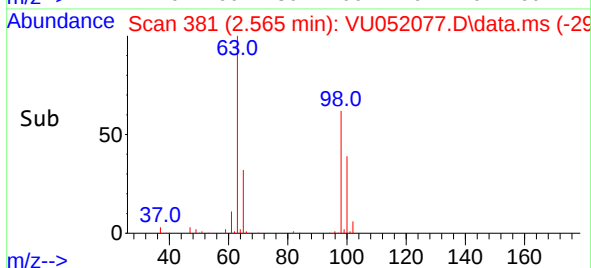
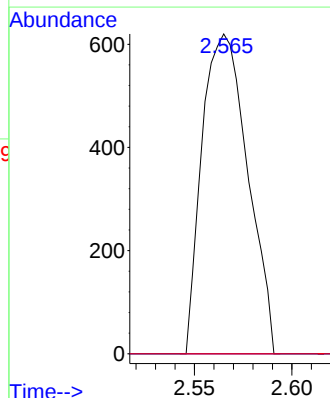
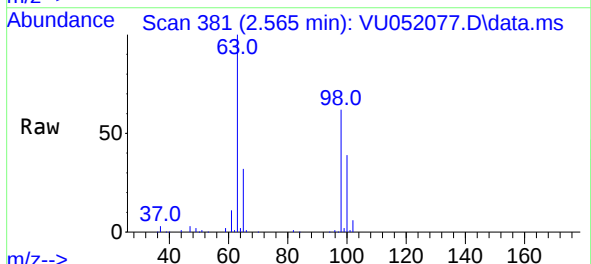
Instrument :
MSVOA_U
ClientSampleId :

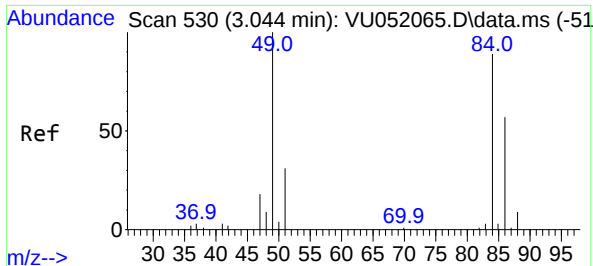
Tgt Ion: 64 Resp: 1370
Ion Ratio Lower Upper
64 100
66 7.5 21.1 39.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052077.D
Acq: 23 Nov 2022 08:28

Tgt Ion:101 Resp: 1009
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

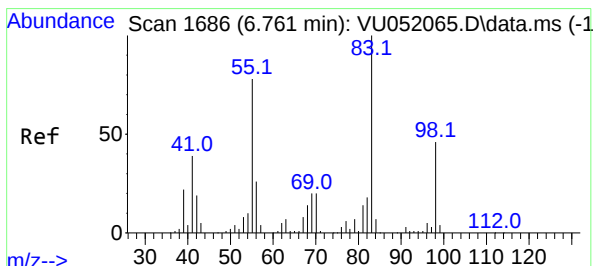
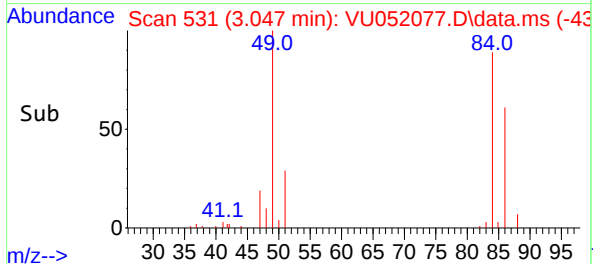
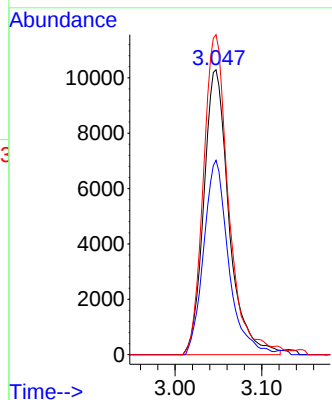
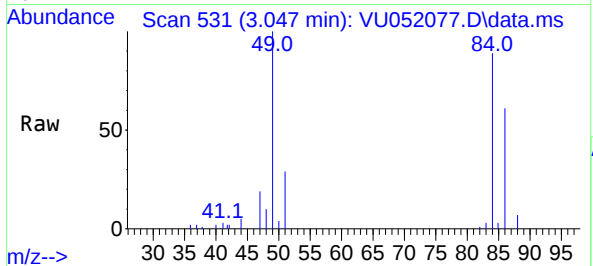




#16
Methylene chloride
Concen: 1.031 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052077.D
Acq: 23 Nov 2022 08:28

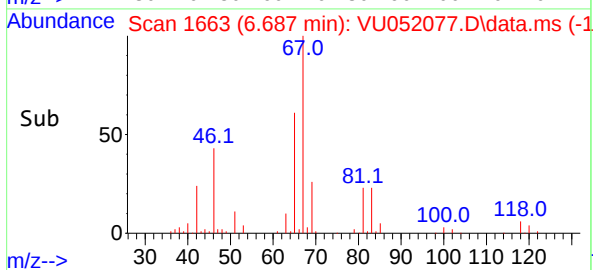
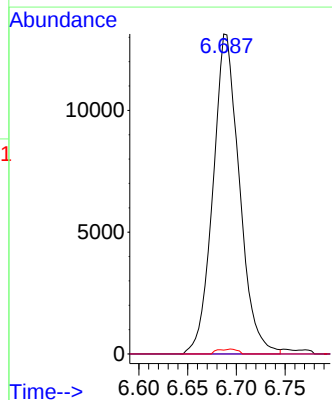
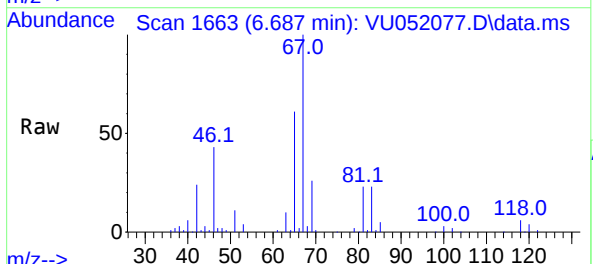
Instrument :
MSVOA_U
ClientSampleId :

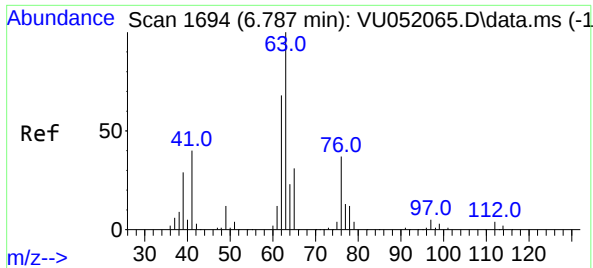
Tgt Ion: 84 Resp: 20847
Ion Ratio Lower Upper
84 100
86 68.2 43.8 81.4
49 112.3 75.9 141.1



#35
Methylcyclohexane
Concen: 0.991 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052077.D
Acq: 23 Nov 2022 08:28

Tgt Ion: 83 Resp: 24829
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.1 35.1 52.7#

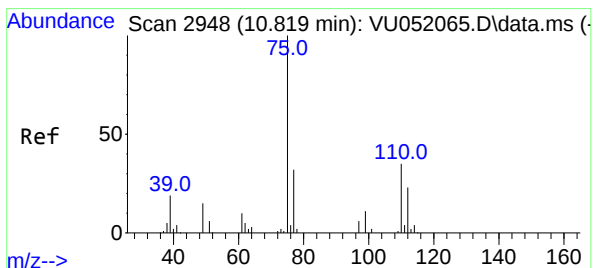
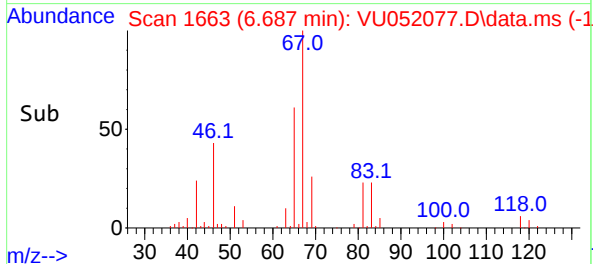
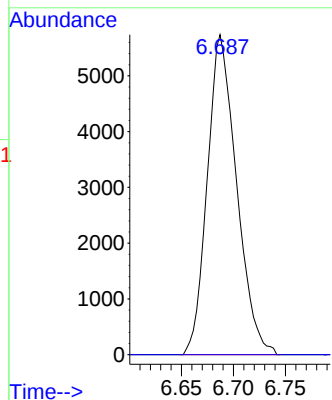
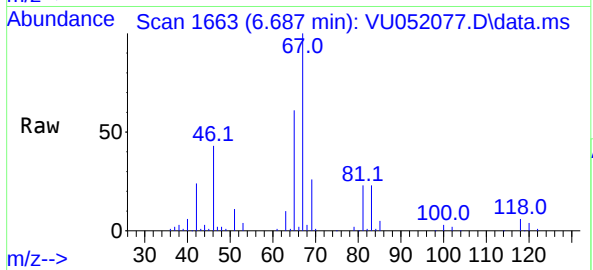




#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052077.D
Acq: 23 Nov 2022 08:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11246
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.066 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052077.D
Acq: 23 Nov 2022 08:28

Tgt Ion: 75 Resp: 9478
Ion Ratio Lower Upper
75 100
110 2.2 28.3 42.5#
77 30.6 26.2 39.2

