

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057649.D
 Acq On : 25 Jan 2024 03:48
 Operator : MD/SY
 Sample : P1229-31 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 05:01:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 04:41:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

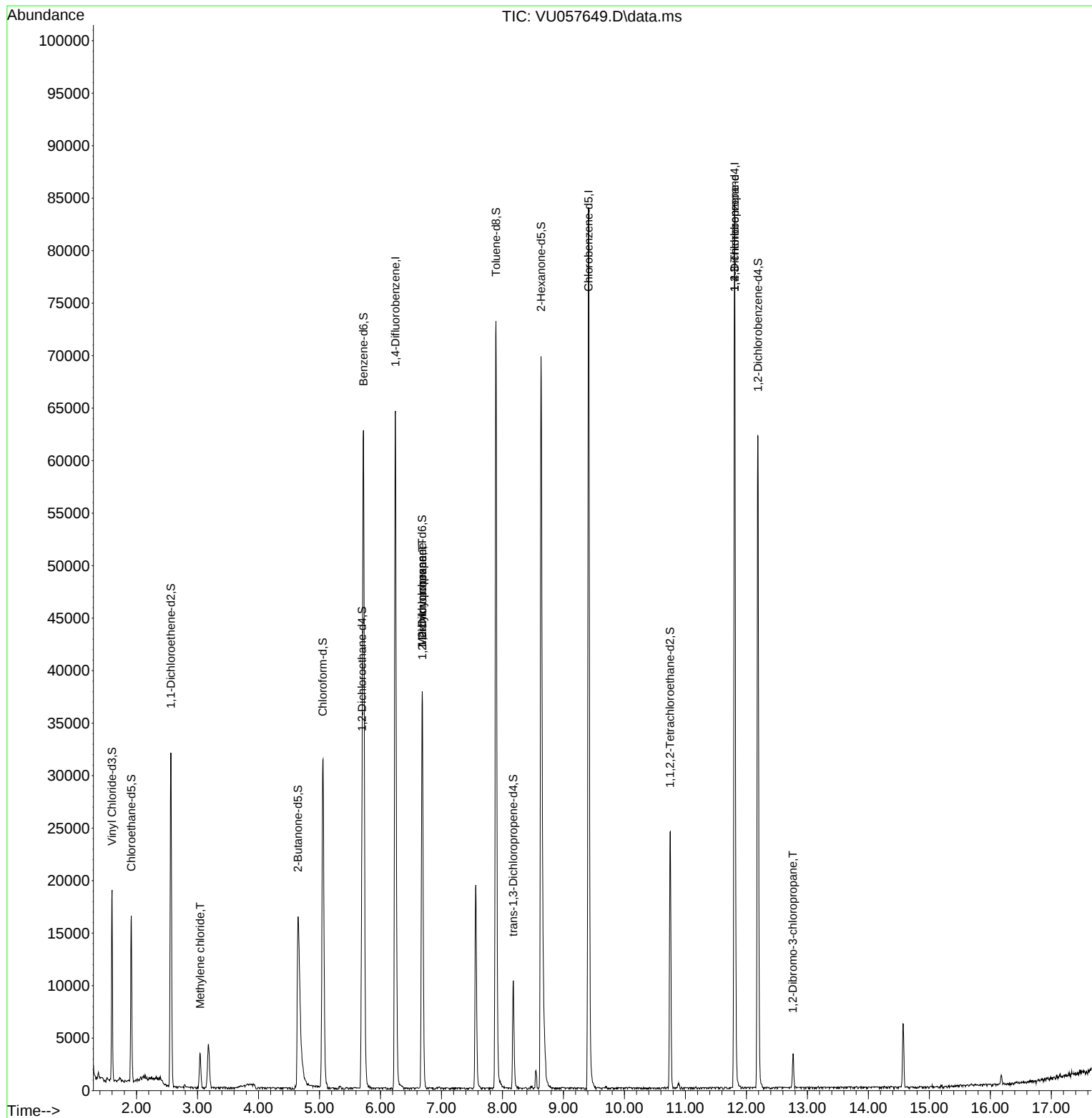
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	55284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	48521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	22298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	12951	4.252	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.000%	
7) Chloroethane-d5	1.914	69	11725	4.594	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.563	65	6254	4.367	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.400%	
20) 2-Butanone-d5	4.650	46	33939	59.063	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.120%	
24) Chloroform-d	5.055	84	29930	4.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.698	65	15252	5.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.600%	
32) Benzene-d6	5.721	84	59090	5.192	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.685	67	18455	5.376	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.600%	
41) Toluene-d8	7.894	98	51584	4.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.177	79	6692	4.891	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.800%	
46) 2-Hexanone-d5	8.634	63	25308	57.976	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.960%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	12319	5.354	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	16986	5.428	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	1423	0.330	ug/L	91
35) Methylcyclohexane	6.685	83	4174	0.563	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	2131	0.512	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	2805	1.253	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.762	75	41	0.097	ug/L #	5

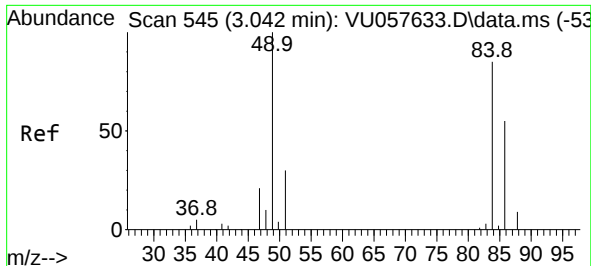
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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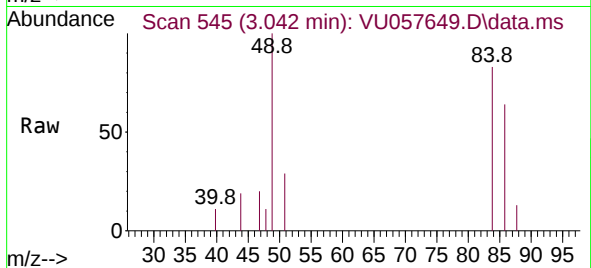
Quant Time: Jan 25 05:01:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
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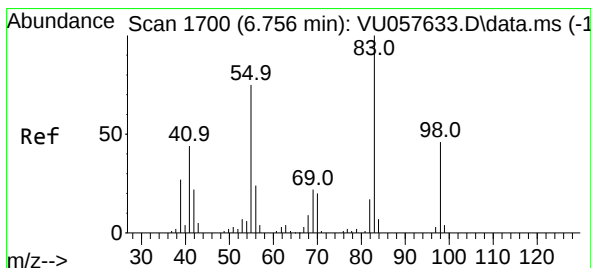
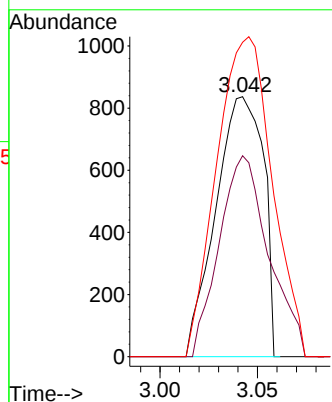
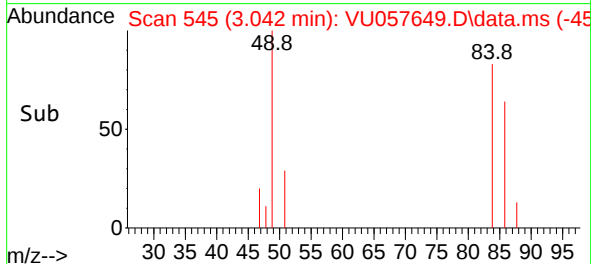


#16
Methylene chloride
Concen: 0.330 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU057649.D
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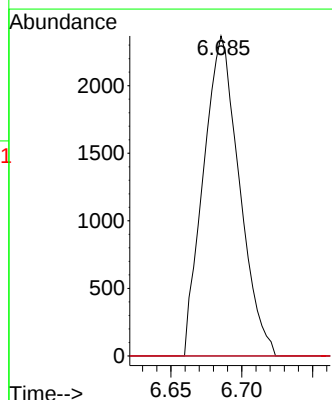
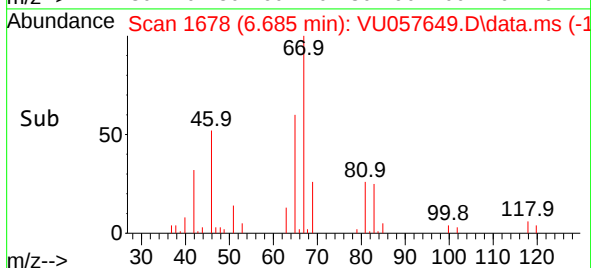
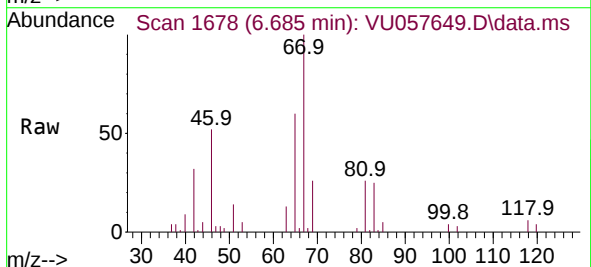


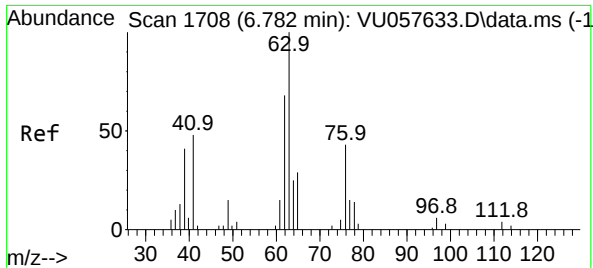
Tgt Ion: 84 Resp: 1423
Ion Ratio Lower Upper
84 100
86 77.3 43.5 80.9
49 120.9 82.5 153.1



#35
Methylcyclohexane
Concen: 0.563 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057649.D
Acq: 25 Jan 2024 03:48

Tgt Ion: 83 Resp: 4174
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#

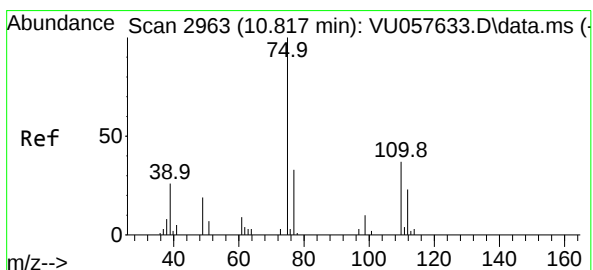
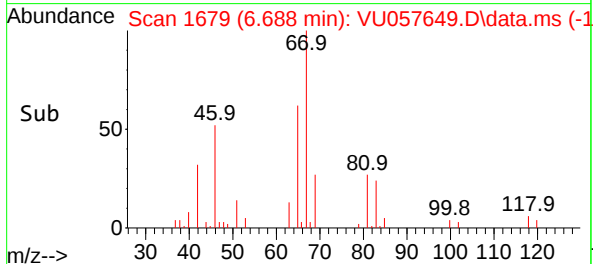
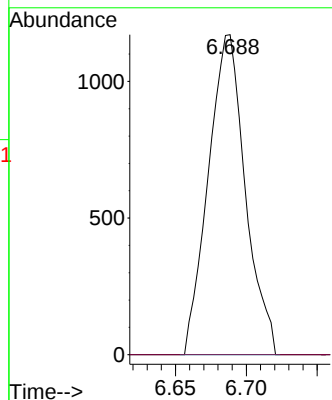
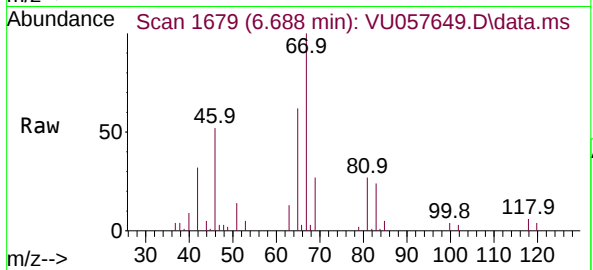




#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.688 min Scan# 11
Delta R.T. -0.093 min
Lab File: VU057649.D
Acq: 25 Jan 2024 03:48

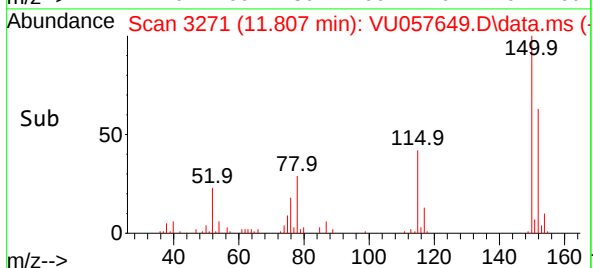
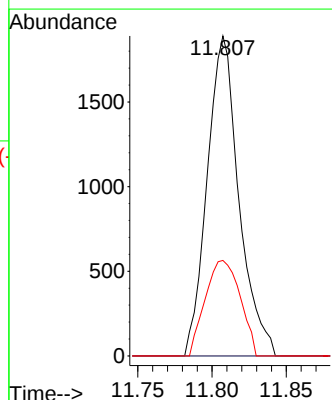
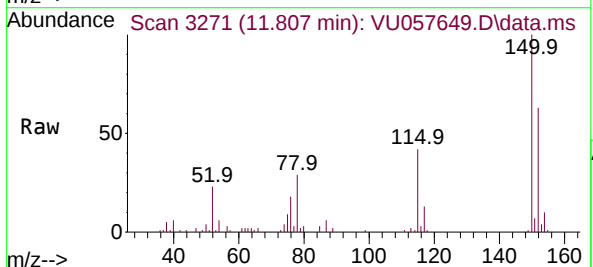
Instrument :
MSVOA_U
ClientSampleId :

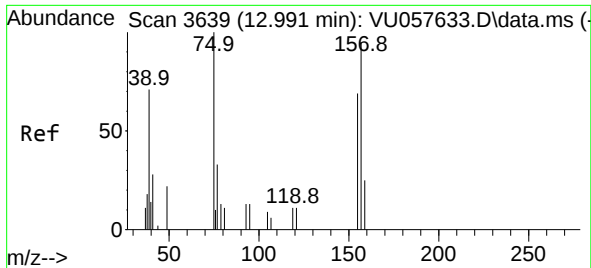
Tgt Ion: 63 Resp: 2131
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.253 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057649.D
Acq: 25 Jan 2024 03:48

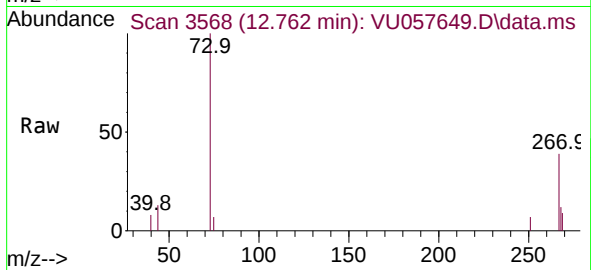
Tgt Ion: 75 Resp: 2805
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 32.8 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.097 ug/L
 RT: 12.762 min Scan# 31
 Delta R.T. -0.228 min
 Lab File: VU057649.D
 Acq: 25 Jan 2024 03:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 41
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

