

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057592.D
 Acq On : 24 Jan 2024 01:11
 Operator : MD/SY
 Sample : P1227-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:49:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

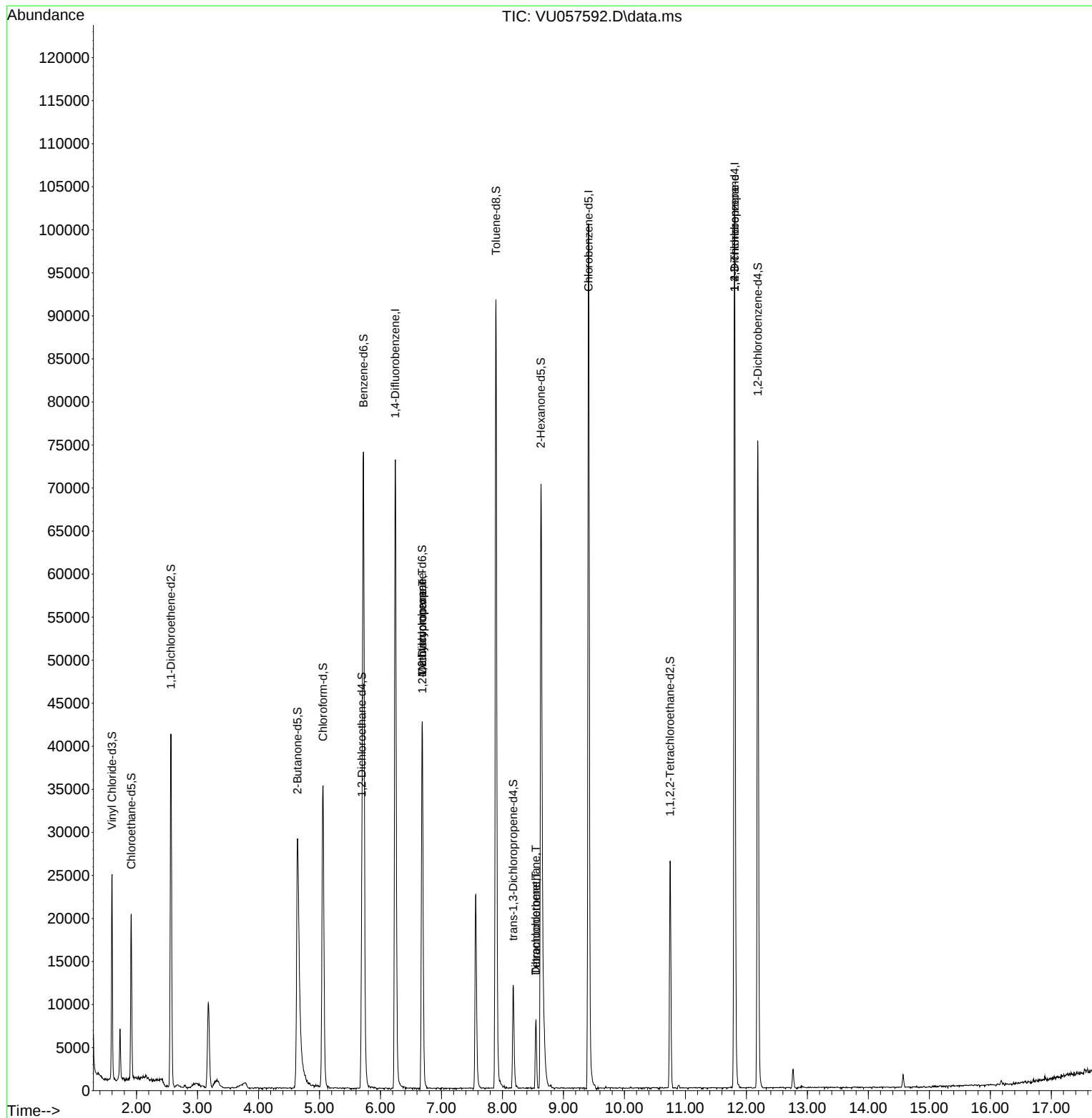
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	62320	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	16786	4.889	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.800%	
7) Chloroethane-d5	1.914	69	13873	4.822	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.563	65	7766	4.810	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	4.640	46	35645	55.029	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.060%	
24) Chloroform-d	5.058	84	33262	4.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	5.695	65	16775	5.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.721	84	68730	5.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
36) 1,2-Dichloropropane-d6	6.685	67	20996	5.090	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.894	98	64590	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
43) trans-1,3-Dichloroprop...	8.177	79	8042	4.892	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.800%	
46) 2-Hexanone-d5	8.631	63	25289	48.214	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.420%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13473	4.873	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	20398	5.255	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	4489	0.504	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	2386	0.477	ug/L #	89
47) Tetrachloroethene	8.550	164	1763	0.435	ug/L	96
49) Dibromochloromethane	8.550	129	1688	0.401	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3604	1.298	ug/L #	65

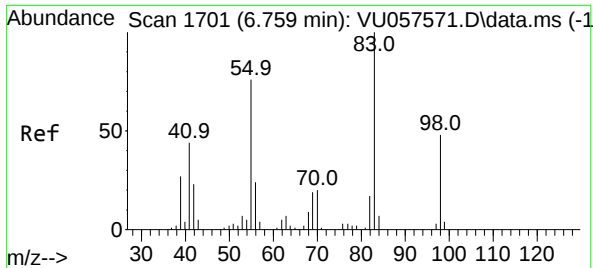
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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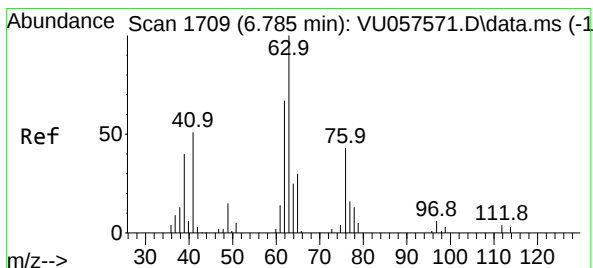
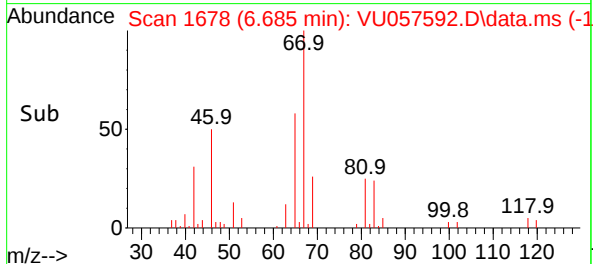
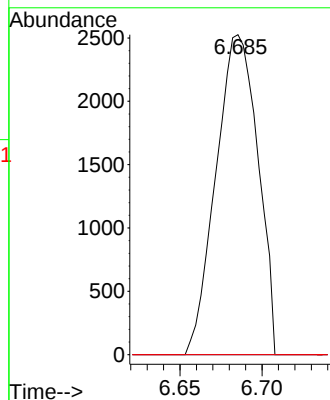
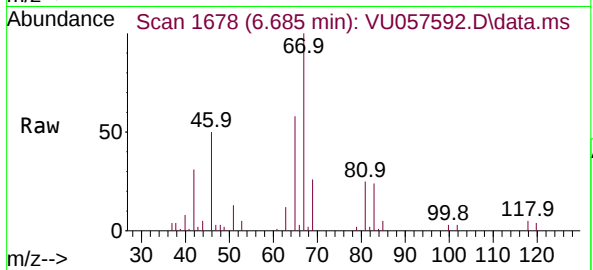




#35
Methylcyclohexane
Concen: 0.504 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057592.D
Acq: 24 Jan 2024 01:11

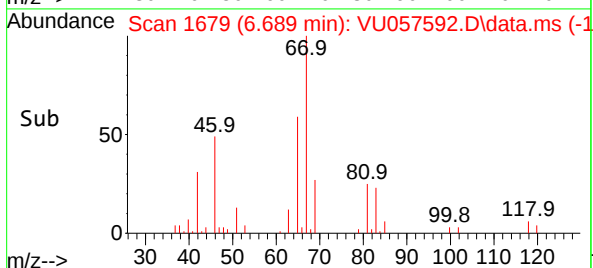
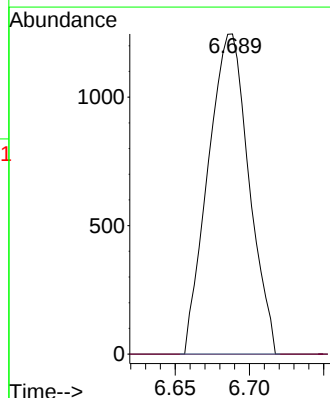
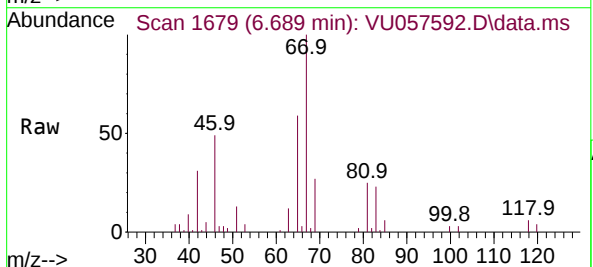
Instrument :
MSVOA_U
ClientSampleId :

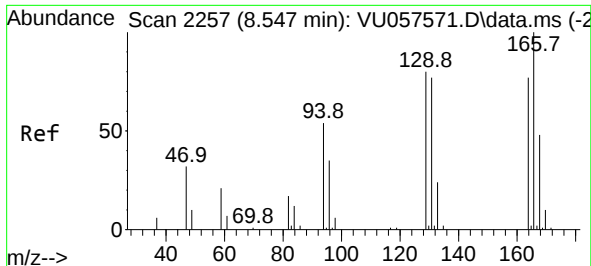
Tgt Ion: 83 Resp: 4489
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU057592.D
Acq: 24 Jan 2024 01:11

Tgt Ion: 63 Resp: 2386
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 0.435 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU057592.D

Acq: 24 Jan 2024 01:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 1763

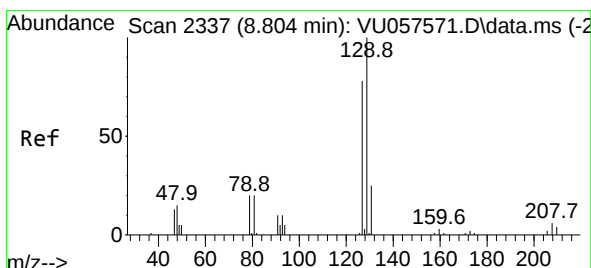
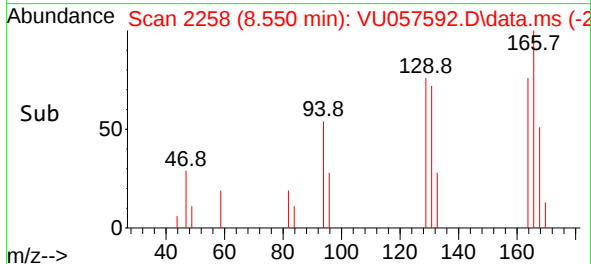
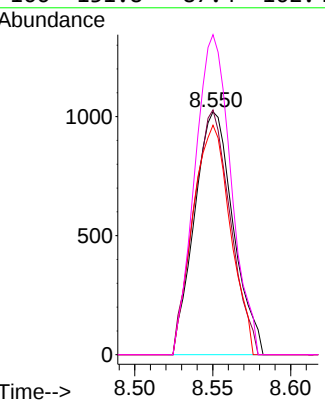
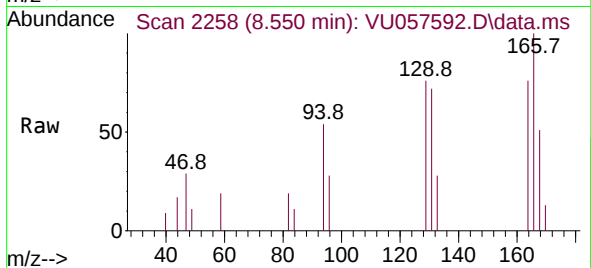
Ion Ratio Lower Upper

164 100

129 100.8 71.3 132.5

131 94.5 68.1 126.5

166 131.8 87.4 162.4



#49

Dibromochloromethane

Concen: 0.401 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU057592.D

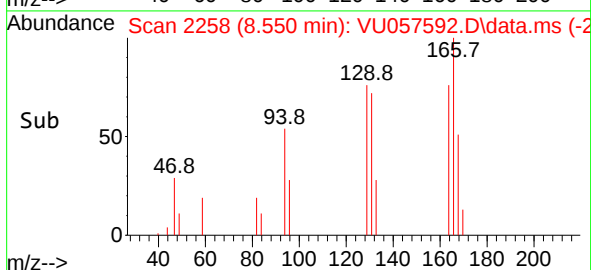
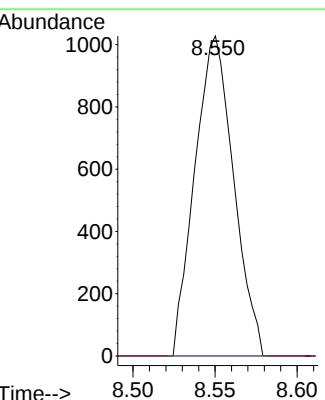
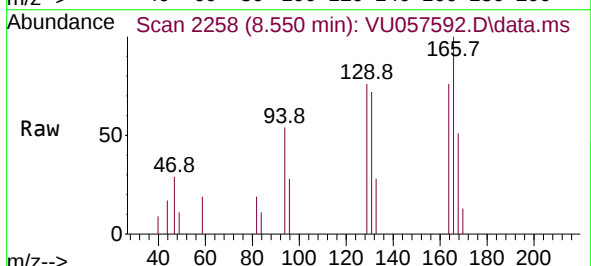
Acq: 24 Jan 2024 01:11

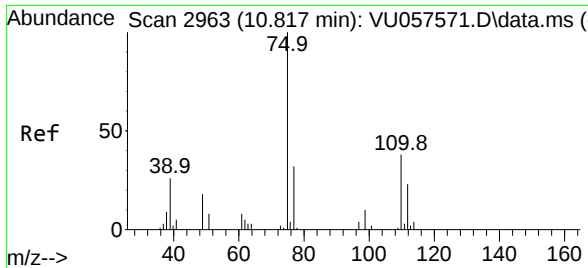
Tgt Ion:129 Resp: 1688

Ion Ratio Lower Upper

129 100

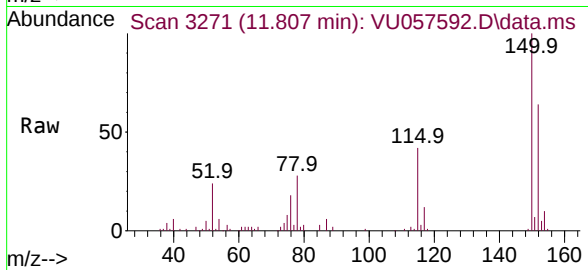
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.298 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057592.D
 Acq: 24 Jan 2024 01:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	3604
Ion	Ratio	Lower	Upper
75	100		
110	0.0	30.1	45.1#
77	33.8	25.5	38.3

