

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU055995.D
 Acq On : 30 Oct 2023 14:23
 Operator : MD/SY
 Sample : 05113-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:30:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

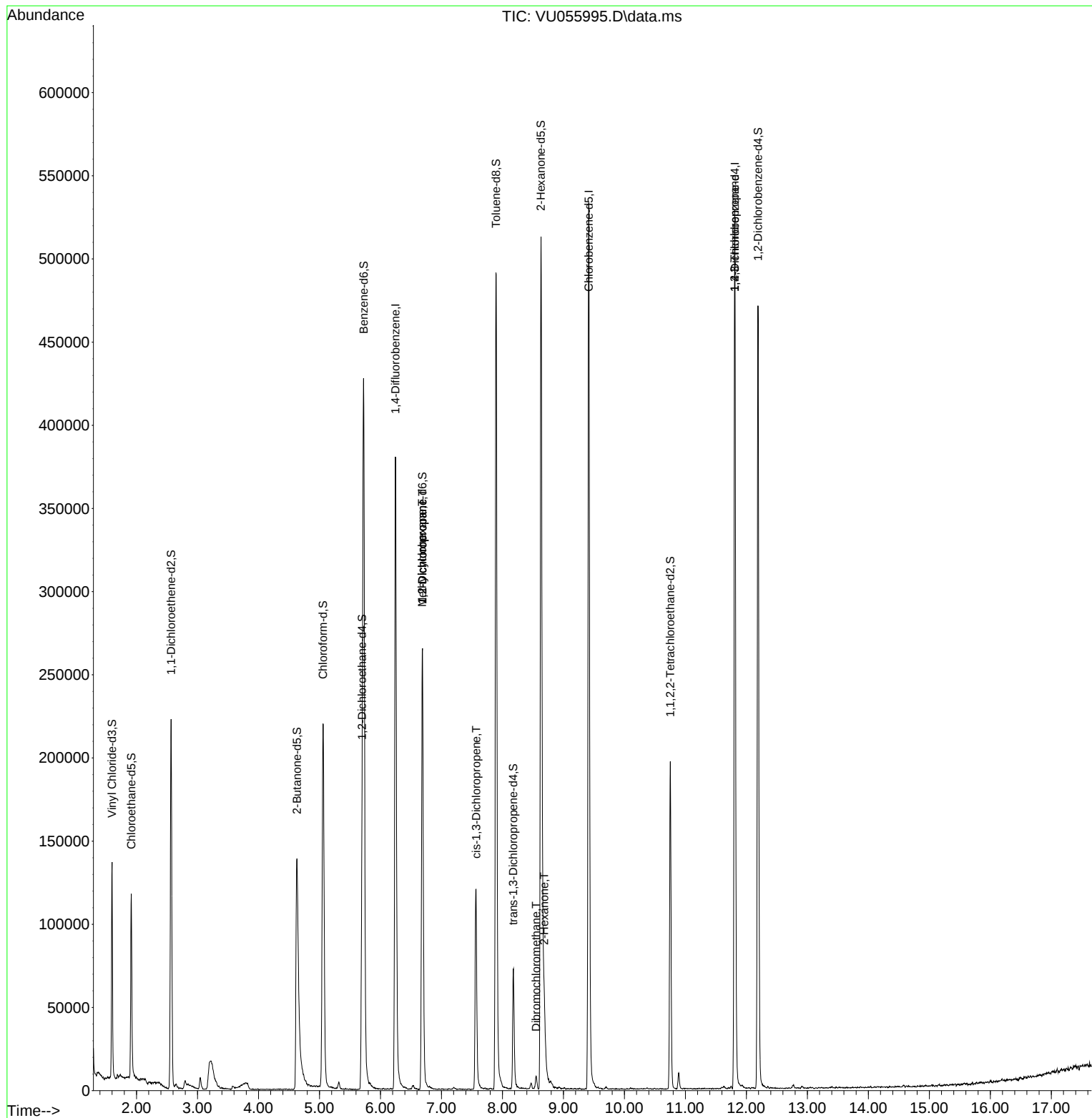
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	323862	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	325122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	149413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	92235	3.600	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.914	69	86401	4.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.567	65	41167	3.785	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.600%	
20) 2-Butanone-d5	4.631	46	236231	51.687	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.380%	
24) Chloroform-d	5.058	84	215017	4.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.698	65	106474	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.724	84	426815	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.689	67	137794	4.800	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.894	98	358287	4.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	8.177	79	46272	4.121	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.631	63	189302	66.413	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	132.820%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100988	4.830	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	131990	4.735	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	31046	1.146	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	14541	0.763	ug/L #	89
39) cis-1,3-Dichloropropene	7.570	75	3290	0.121	ug/L #	53
48) 2-Hexanone	8.685	43	19606	2.715	ug/L	92
49) Dibromochloromethane	8.553	129	1880	0.128	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	17543	1.710	ug/L #	68

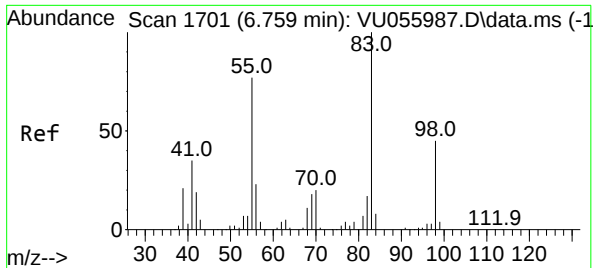
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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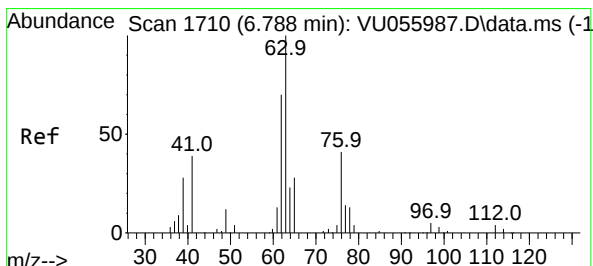
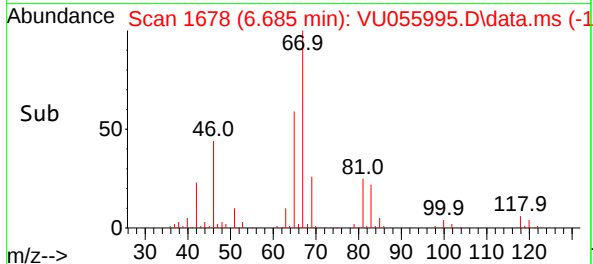
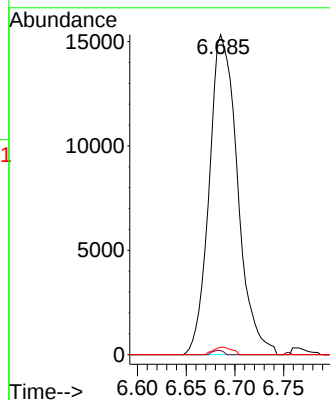
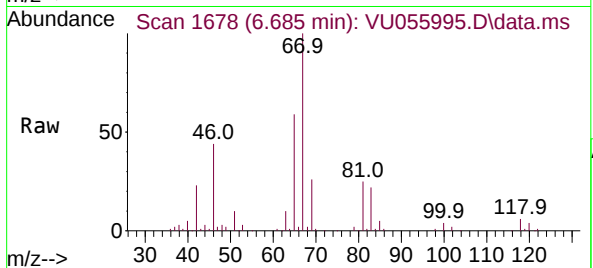




#35
Methylcyclohexane
Concen: 1.146 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055995.D
Acq: 30 Oct 2023 14:23

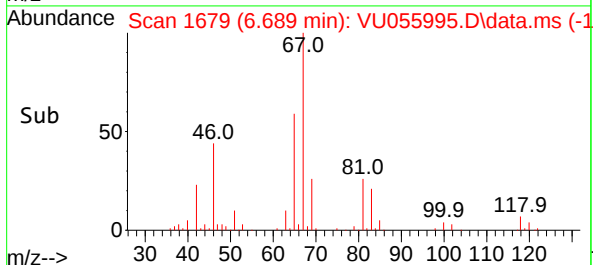
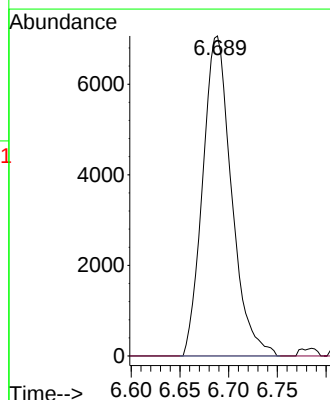
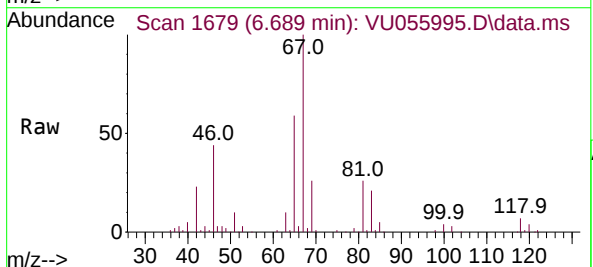
Instrument :
MSVOA_U
ClientSampleId :

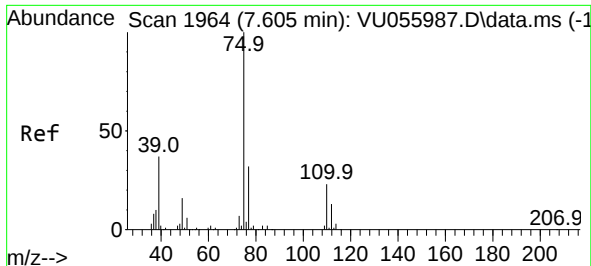
Tgt Ion: 83 Resp: 31046
Ion Ratio Lower Upper
83 100
55 0.5 62.4 93.6#
98 1.5 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.763 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055995.D
Acq: 30 Oct 2023 14:23

Tgt Ion: 63 Resp: 14541
Ion Ratio Lower Upper
63 100
112 0.1 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.570 min Scan# 1964

Delta R.T. -0.035 min

Lab File: VU055995.D

Acq: 30 Oct 2023 14:23

Instrument :

MSVOA_U

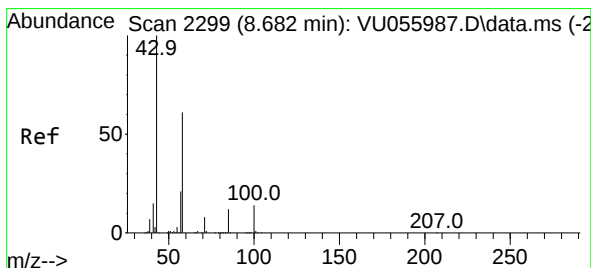
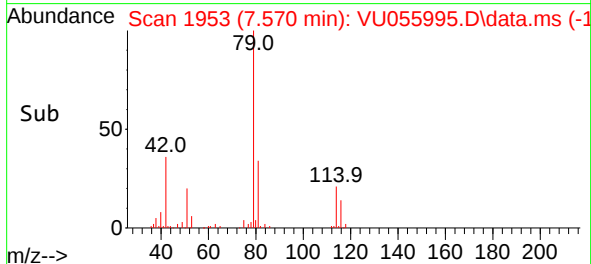
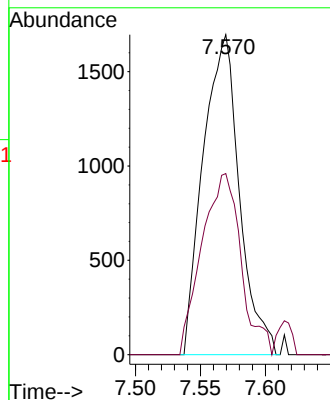
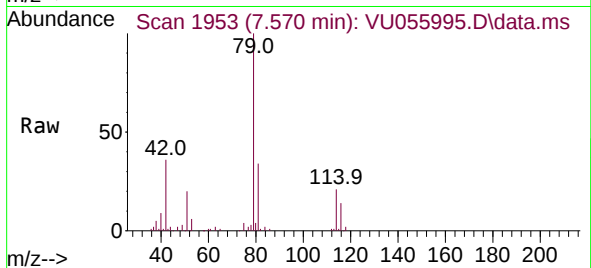
ClientSampleId :

Tgt Ion: 75 Resp: 3290

Ion Ratio Lower Upper

75 100

77 56.6 21.7 40.3#



#48

2-Hexanone

Concen: 2.715 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055995.D

Acq: 30 Oct 2023 14:23

Tgt Ion: 43 Resp: 19606

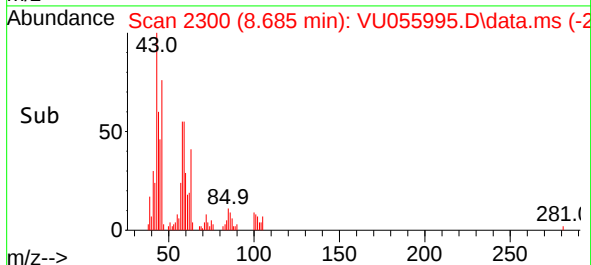
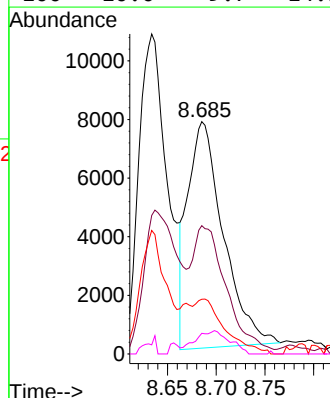
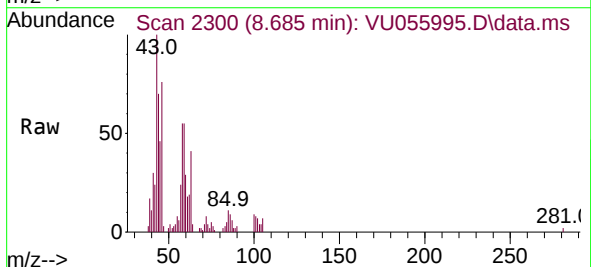
Ion Ratio Lower Upper

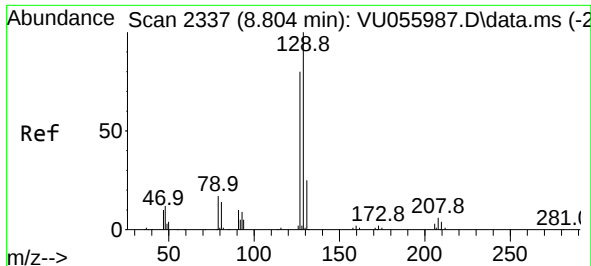
43 100

58 53.5 49.5 74.3

57 20.0 16.9 25.3

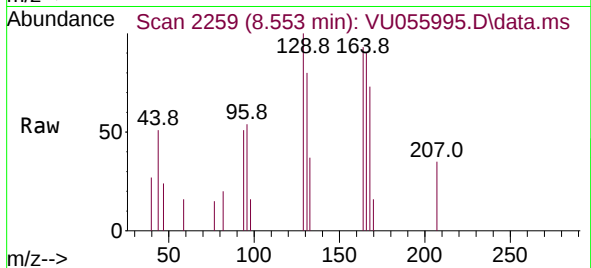
100 10.0 9.7 14.5



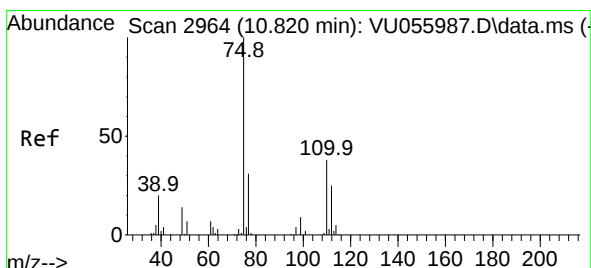
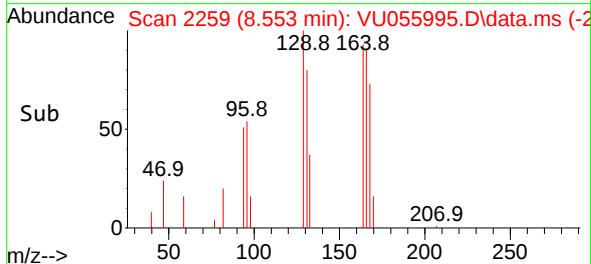
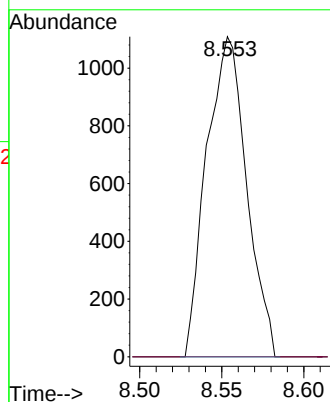


#49
Dibromochloromethane
Concen: 0.128 ug/L
RT: 8.553 min Scan# 21
Delta R.T. -0.251 min
Lab File: VU055995.D
Acq: 30 Oct 2023 14:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 1880
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.710 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055995.D
Acq: 30 Oct 2023 14:23

Tgt Ion: 75 Resp: 17543
Ion Ratio Lower Upper
75 100
110 2.4 29.0 43.6#
77 31.2 24.5 36.7

