

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054741.D
 Acq On : 03 Jul 2023 11:56
 Operator : MD/SY
 Sample : 03495-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA7

Quant Time: Jul 05 04:41:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

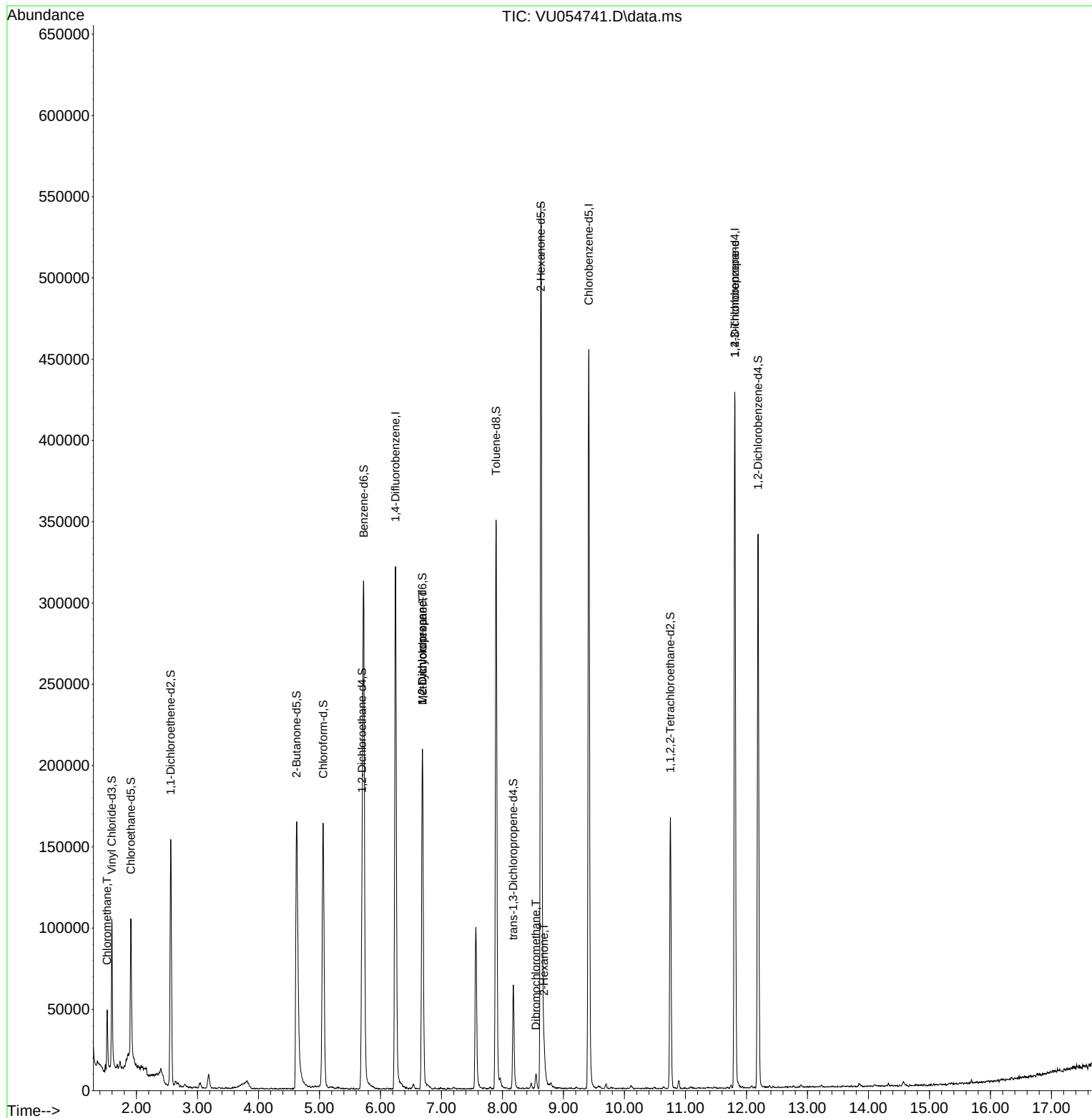
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	257977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	113375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69648	4.242	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.908	69	65837	4.283	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.560	65	30075	4.101	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	4.624	46	264134	57.221	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.440%	
24) Chloroform-d	5.059	84	152696	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.698	65	82509	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.724	84	285157	4.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
36) 1,2-Dichloropropane-d6	6.685	67	104519	4.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.894	98	239871	3.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	8.177	79	36950	4.510	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.631	63	177283	51.580	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.160%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86556	4.927	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	89444	4.677	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
3) Chloromethane	1.518	50	27295	0.986	ug/L	97
35) Methylcyclohexane	6.689	83	23099	0.634	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11443	0.464	ug/L #	89
48) 2-Hexanone	8.682	43	9679	0.987	ug/L #	88
49) Dibromochloromethane	8.547	129	1948	0.118	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	14294	1.248	ug/L #	69

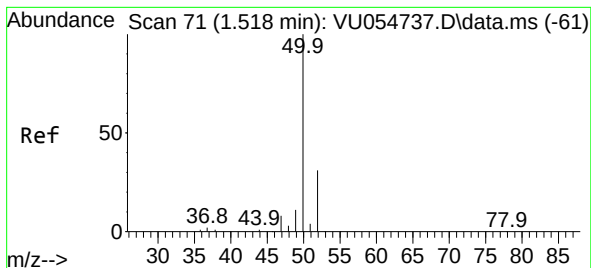
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.986 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

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MSVOA_U

ClientSampleId :

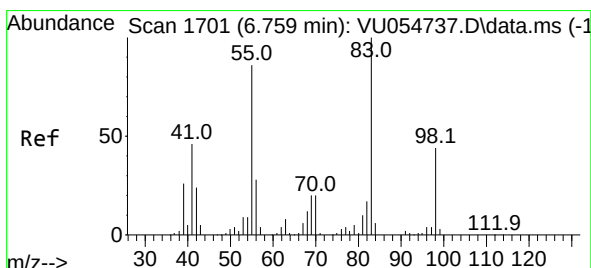
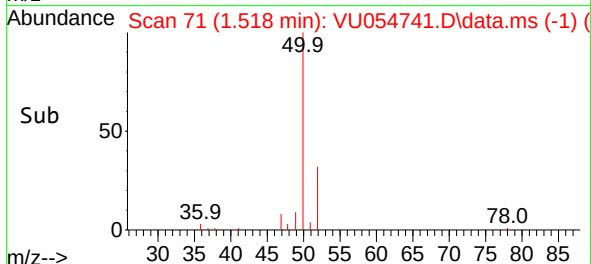
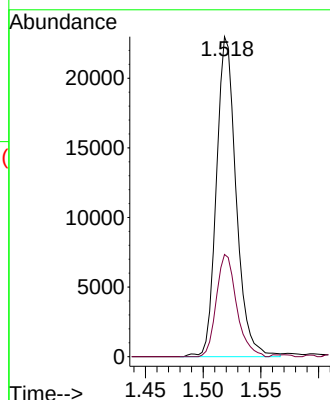
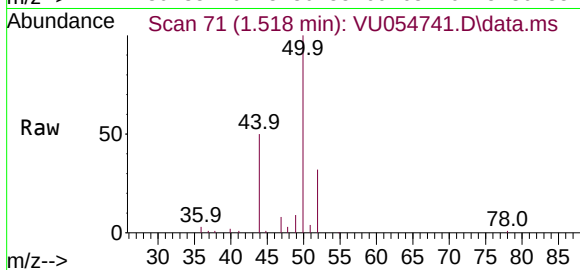
H0FA7

Tgt Ion: 50 Resp: 27295

Ion Ratio Lower Upper

50 100

52 31.9 23.4 43.4



#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054741.D

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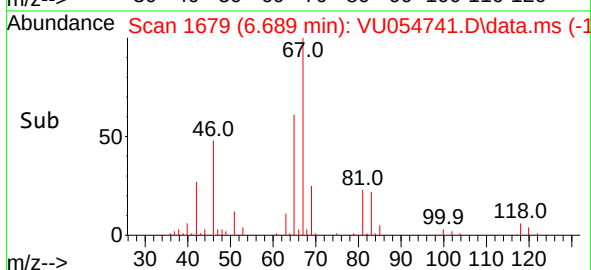
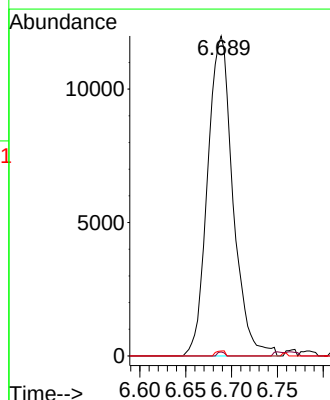
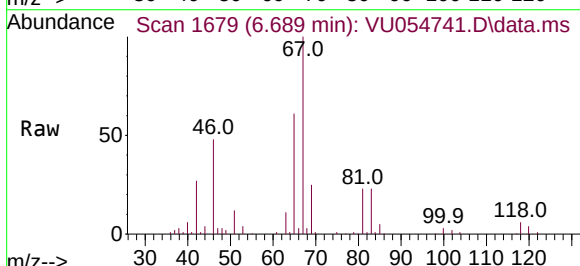
Tgt Ion: 83 Resp: 23099

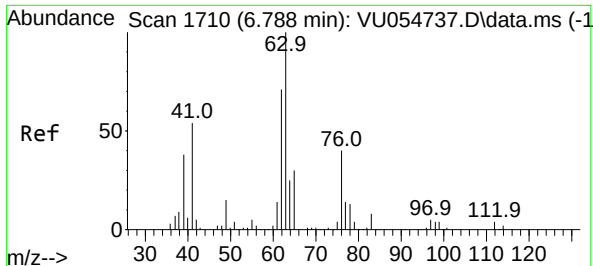
Ion Ratio Lower Upper

83 100

55 0.3 67.1 100.7#

98 0.6 35.1 52.7#

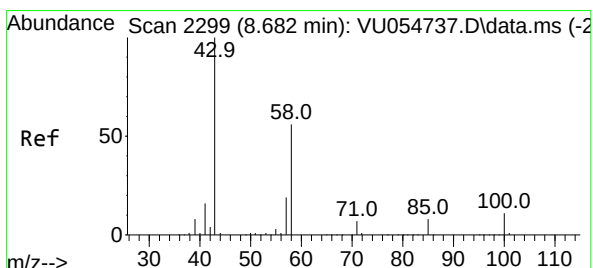
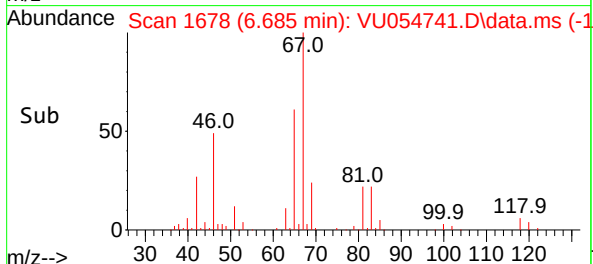
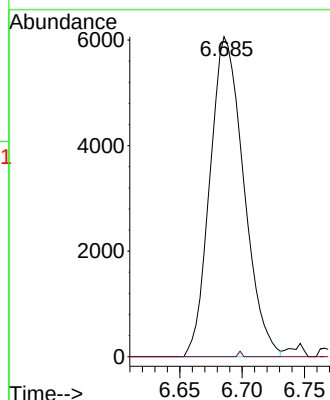
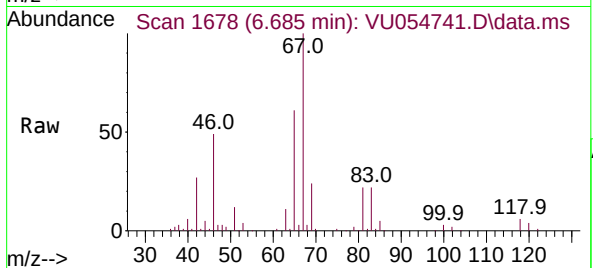




#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.685 min Scan# 11443
Delta R.T. -0.103 min
Lab File: VU054741.D
Acq: 03 Jul 2023 11:56

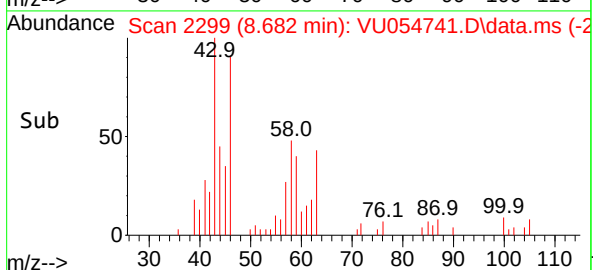
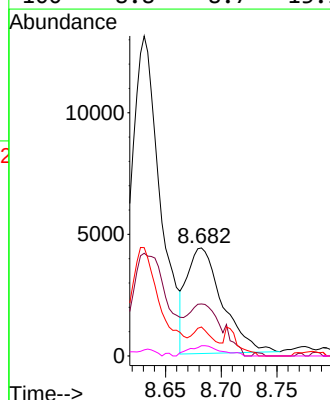
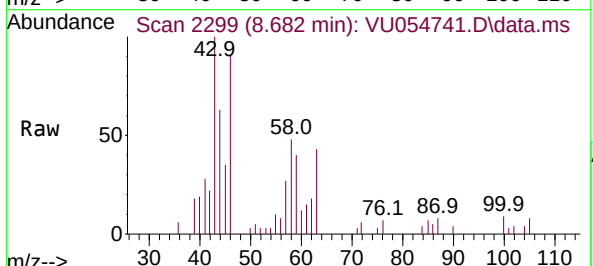
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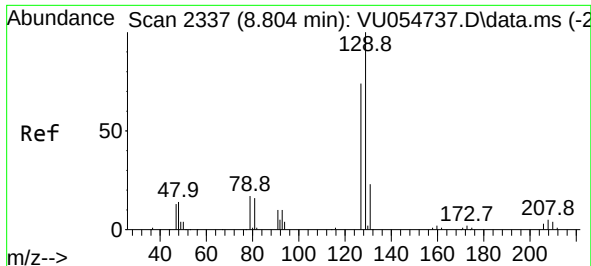
Tgt Ion: 63 Resp: 11443
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#48
2-Hexanone
Concen: 0.987 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054741.D
Acq: 03 Jul 2023 11:56

Tgt Ion: 43 Resp: 9679
Ion Ratio Lower Upper
43 100
58 45.5 45.2 67.8
57 15.7 15.8 23.6#
100 8.8 8.7 13.1

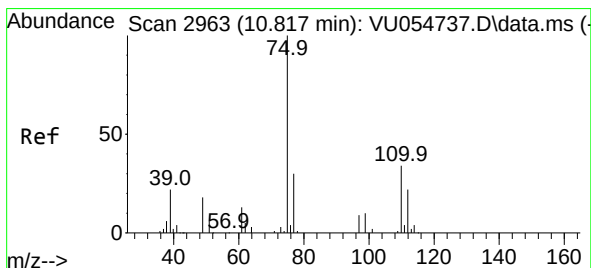
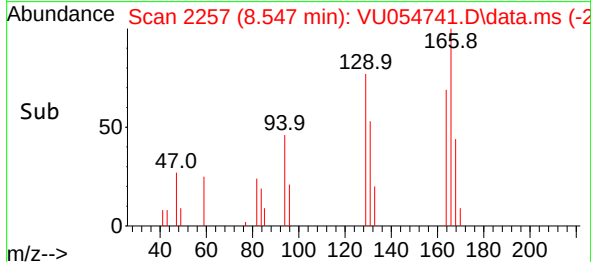
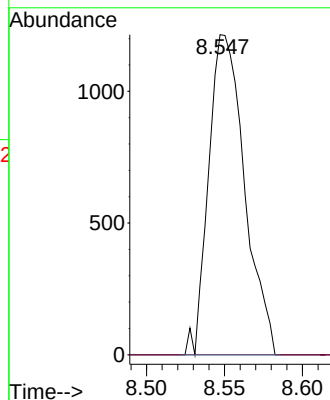
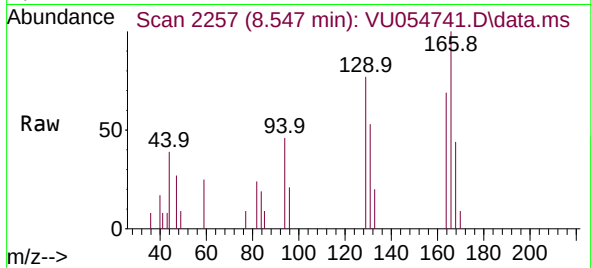




#49
Dibromochloromethane
Concen: 0.118 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU054741.D
Acq: 03 Jul 2023 11:56

Instrument :
MSVOA_U
ClientSampleId :
H0FA7

Tgt Ion:129 Resp: 1948
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#



#61
1,2,3-Trichloropropane
Concen: 1.248 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU054741.D
Acq: 03 Jul 2023 11:56

Tgt Ion: 75 Resp: 14294
Ion Ratio Lower Upper
75 100
110 2.0 28.0 42.0#
77 30.4 25.4 38.2

