

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055972.D
 Acq On : 28 Oct 2023 14:27
 Operator : MD/SY
 Sample : 05009-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:54:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

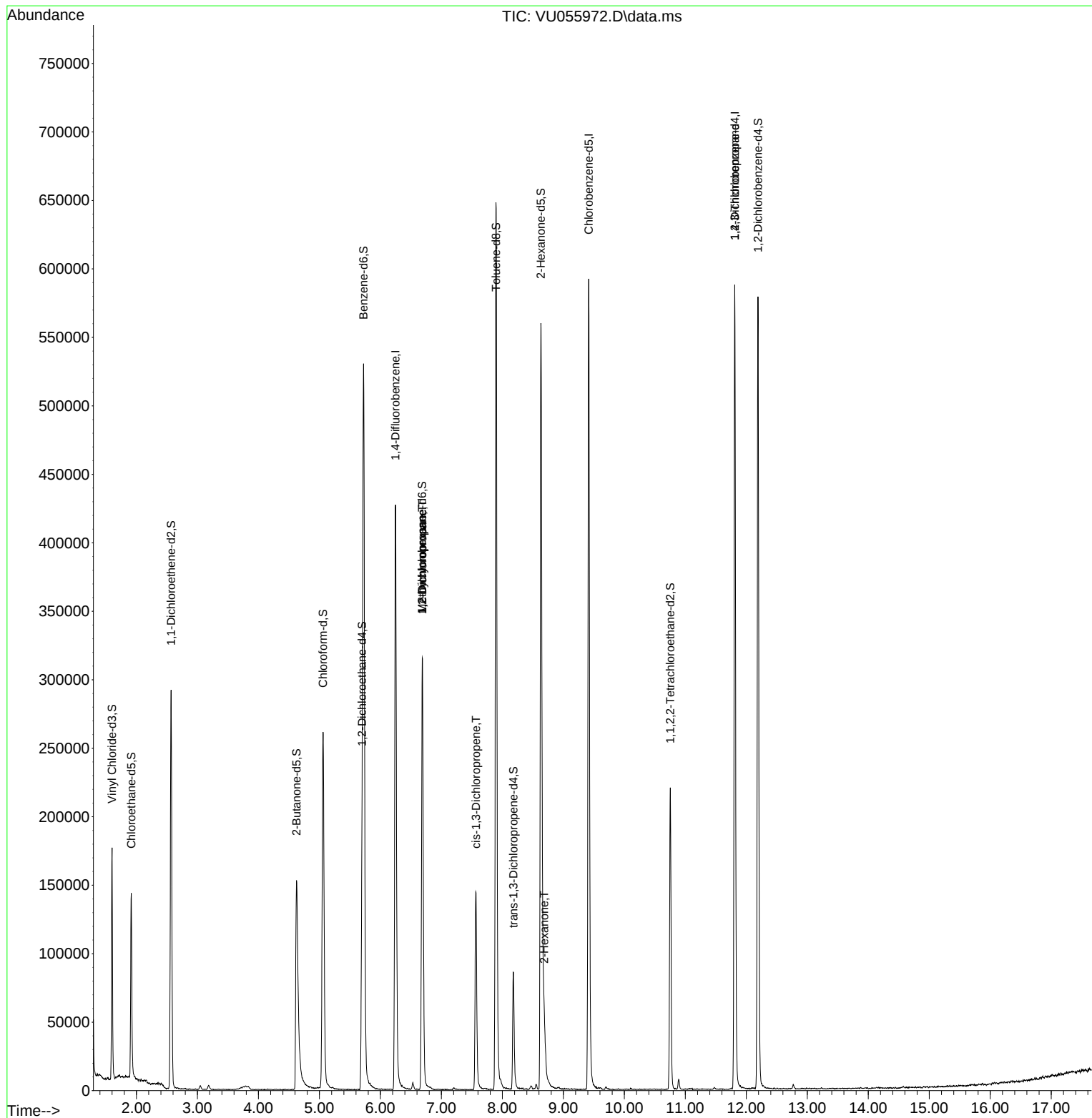
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	359324	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	361084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	169587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	120503	4.239	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.914	69	105832	4.777	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.567	65	53892	4.466	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.624	46	254961	50.280	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.560%	
24) Chloroform-d	5.059	84	255906	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.698	65	122338	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.724	84	530444	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.685	67	162067	5.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.894	98	464667	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.181	79	54731	4.389	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.631	63	208831	65.968	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.940%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	112781	4.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	165905	5.243	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	37388	1.243	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	16424	0.776	ug/L #	90
39) cis-1,3-Dichloropropene	7.566	75	3741	0.124	ug/L #	67
48) 2-Hexanone	8.685	43	19813	2.471	ug/L #	93
61) 1,2,3-Trichloropropane	11.811	75	18571	1.595	ug/L #	66

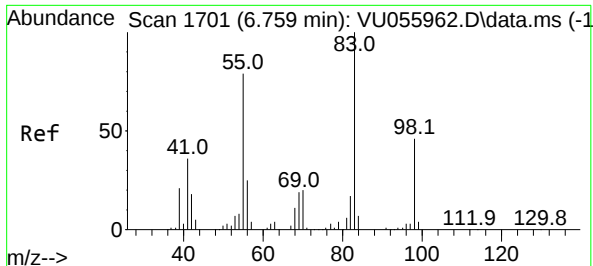
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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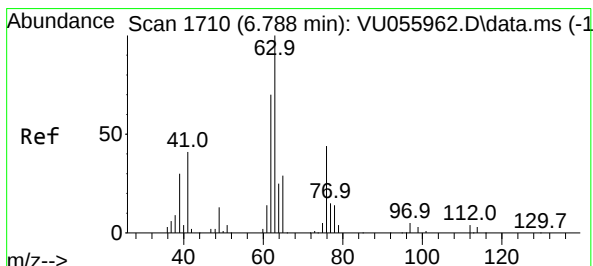
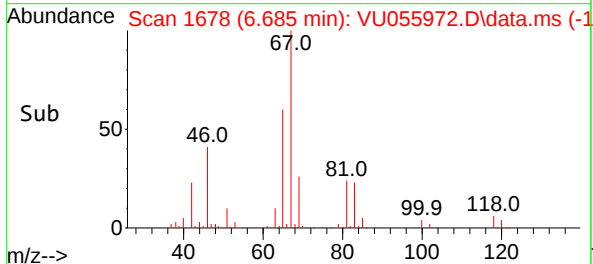
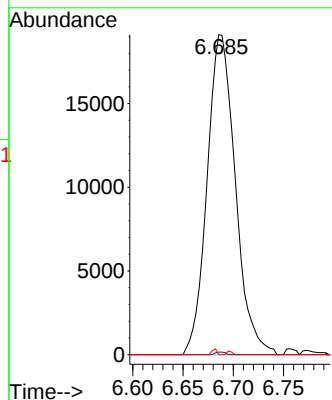
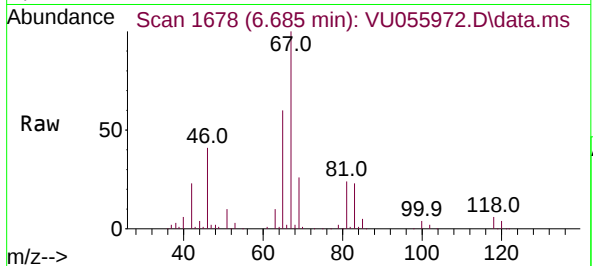




#35
Methylcyclohexane
Concen: 1.243 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055972.D
Acq: 28 Oct 2023 14:27

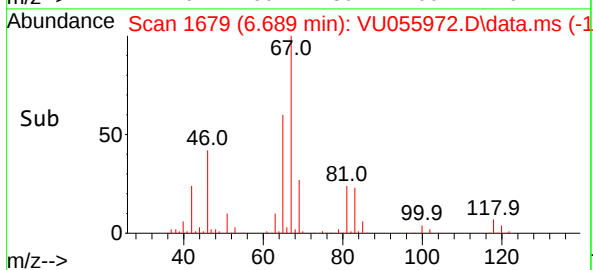
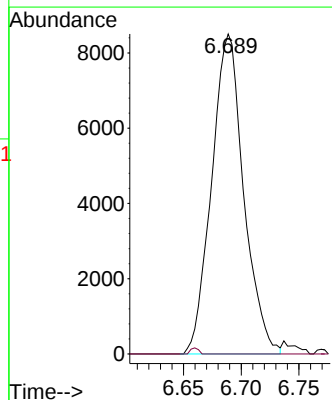
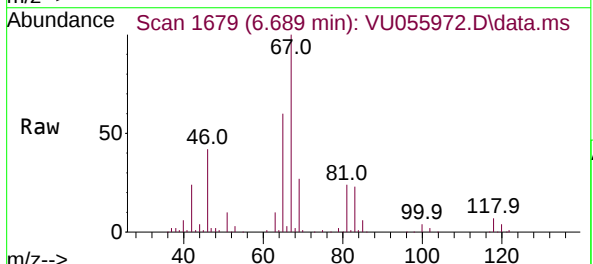
Instrument :
MSVOA_U
ClientSampleId :

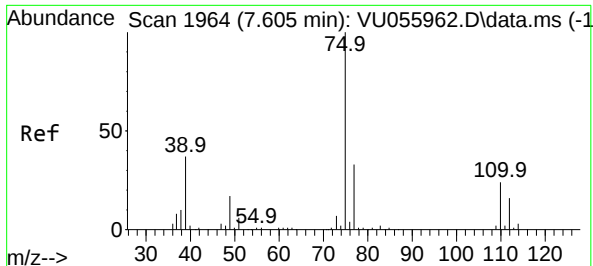
Tgt Ion: 83 Resp: 37388
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.776 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055972.D
Acq: 28 Oct 2023 14:27

Tgt Ion: 63 Resp: 16424
Ion Ratio Lower Upper
63 100
112 0.5 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.038 min

Lab File: VU055972.D

Acq: 28 Oct 2023 14:27

Instrument :

MSVOA_U

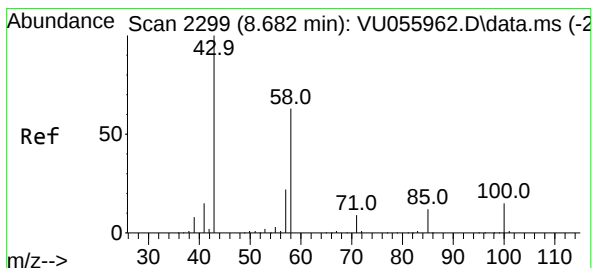
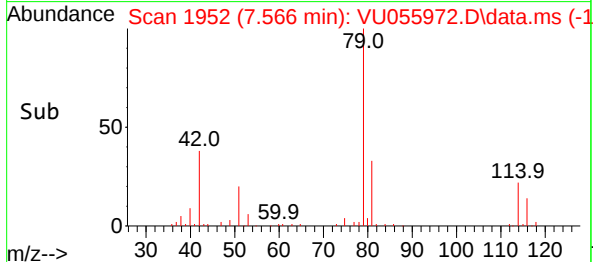
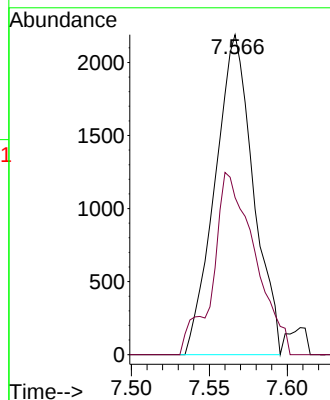
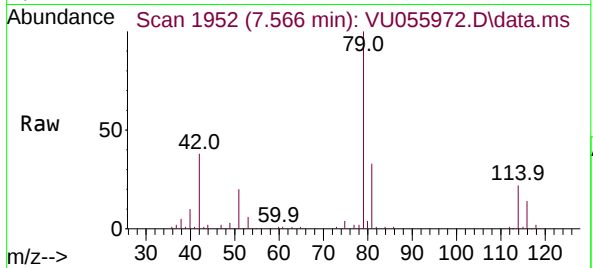
ClientSampleId :

Tgt Ion: 75 Resp: 3741

Ion Ratio Lower Upper

75 100

77 49.1 21.7 40.3#



#48

2-Hexanone

Concen: 2.471 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055972.D

Acq: 28 Oct 2023 14:27

Tgt Ion: 43 Resp: 19813

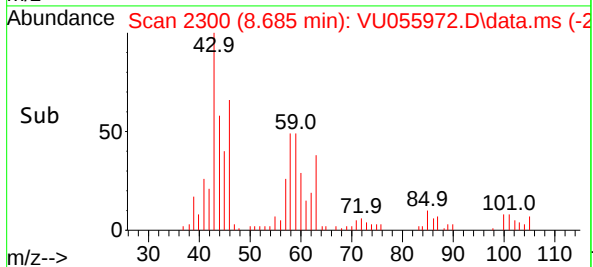
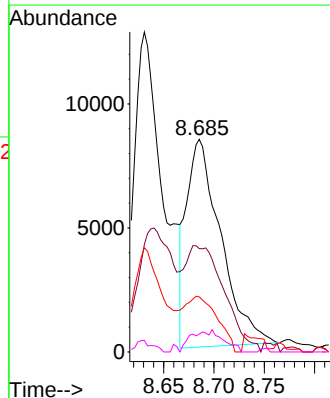
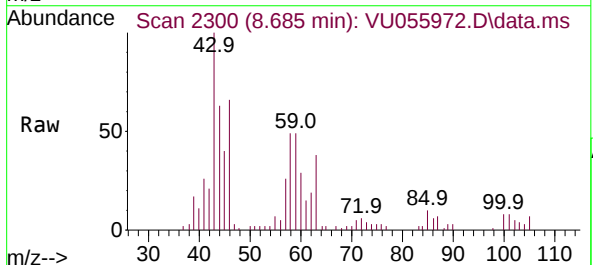
Ion Ratio Lower Upper

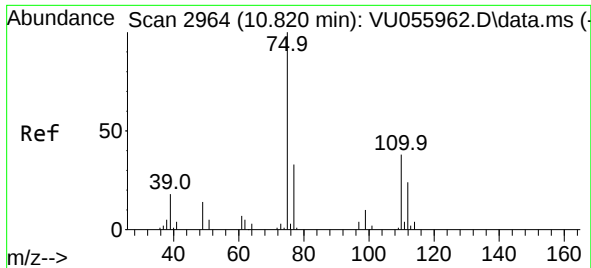
43 100

58 58.8 49.5 74.3

57 25.3 16.9 25.3

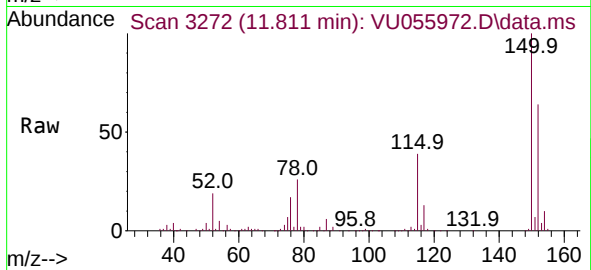
100 5.6 9.7 14.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.595 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055972.D
 Acq: 28 Oct 2023 14:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18571
 Ion Ratio Lower Upper
 75 100
 110 2.5 29.0 43.6#
 77 34.3 24.5 36.7

