

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055398.D
 Acq On : 19 Sep 2023 18:23
 Operator : MD/SY
 Sample : 04350-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 06:08:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

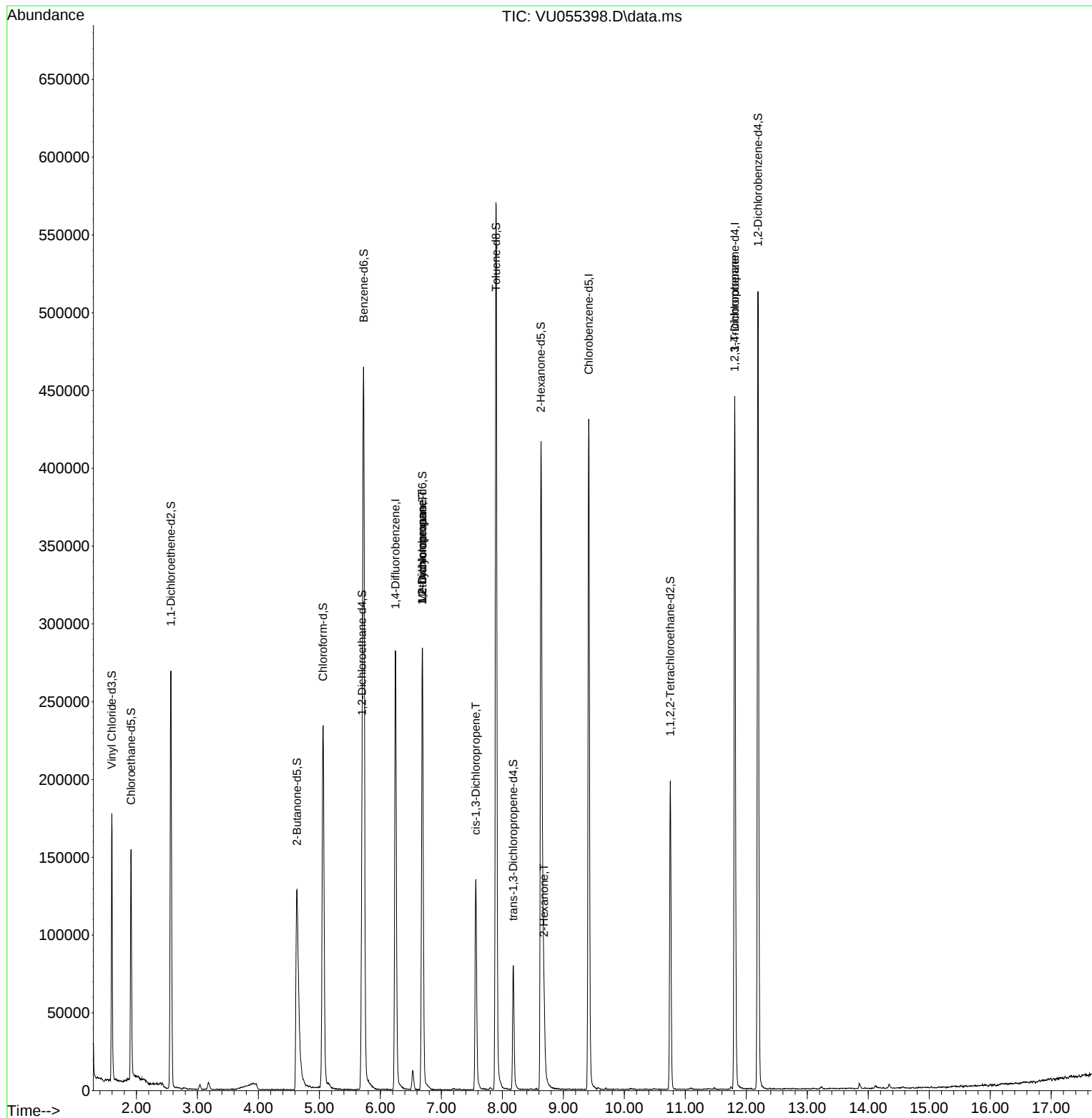
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		6.248	114	236181	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	245393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.811	152	117967	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.596	65	120830	5.062	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5		1.911	69	104294	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2		2.563	65	50013	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%	
20) 2-Butanone-d5		4.631	46	229797	53.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.600%	
24) Chloroform-d		5.058	84	220983	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4		5.698	65	111086	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%	
32) Benzene-d6		5.724	84	453411	5.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%	
36) 1,2-Dichloropropane-d6		6.689	67	137068	5.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%	
41) Toluene-d8		7.894	98	394738	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%	
43) trans-1,3-Dichloroprop...		8.177	79	46898	5.211	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%	
46) 2-Hexanone-d5		8.631	63	130477	47.663	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.320%	
56) 1,1,2,2-Tetrachloroeth...		10.753	84	97992	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4		12.190	152	134426	5.646	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%	
Target Compounds							Qvalue
35) Methylcyclohexane		6.689	83	32078	1.115	ug/L #	21
37) 1,2-Dichloropropane		6.685	63	15852	0.858	ug/L #	88
39) cis-1,3-Dichloropropene		7.563	75	3804	0.154	ug/L #	35
48) 2-Hexanone		8.682	43	31235	4.810	ug/L #	83
61) 1,2,3-Trichloropropane		11.807	75	14545	1.579	ug/L #	66

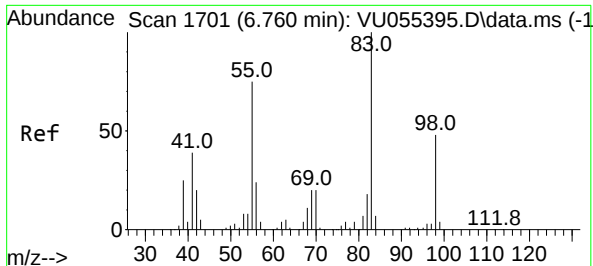
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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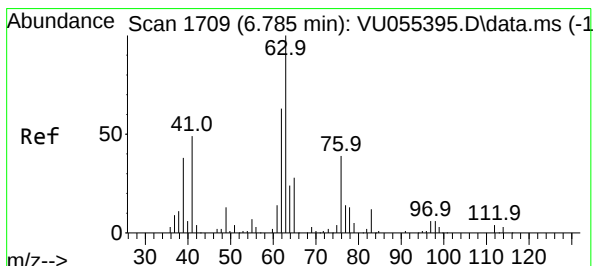
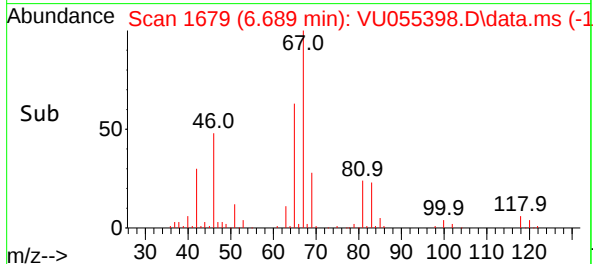
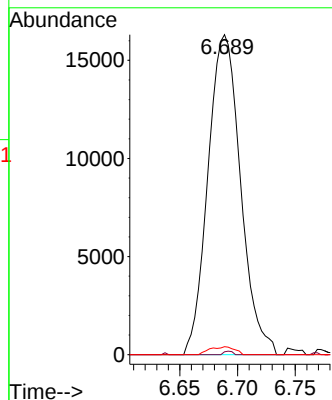
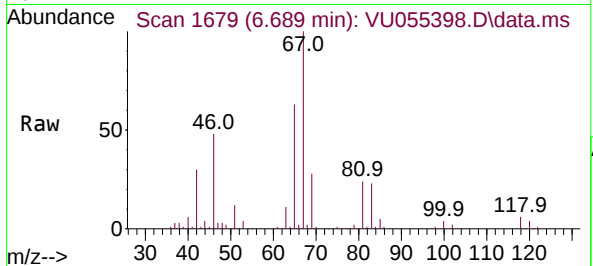




#35
Methylcyclohexane
Concen: 1.115 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055398.D
Acq: 19 Sep 2023 18:23

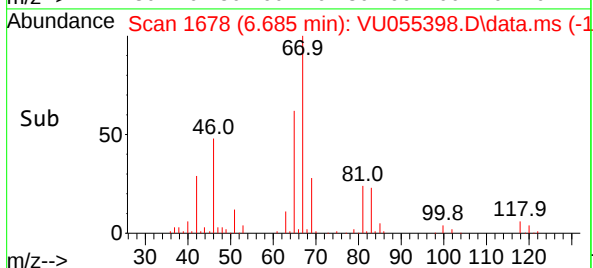
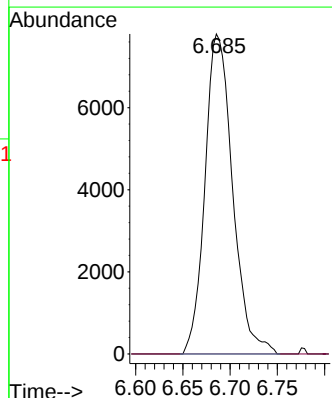
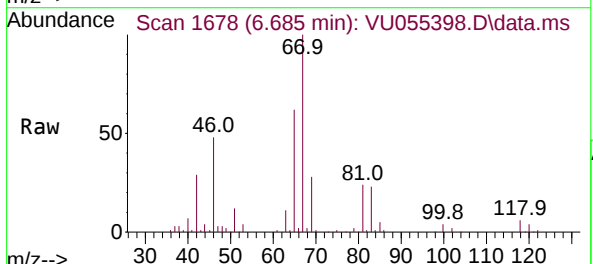
Instrument :
MSVOA_U
ClientSampleId :

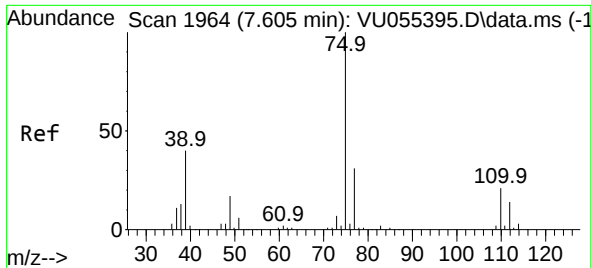
Tgt Ion: 83 Resp: 32078
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 1.9 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.858 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU055398.D
Acq: 19 Sep 2023 18:23

Tgt Ion: 63 Resp: 15852
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.154 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055398.D

Acq: 19 Sep 2023 18:23

Instrument :

MSVOA_U

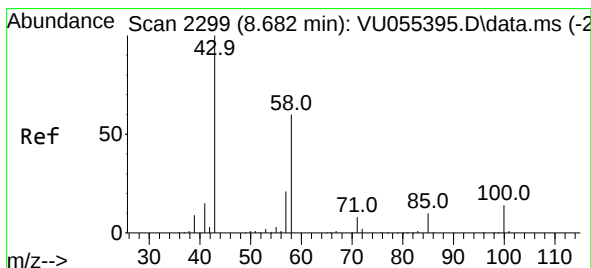
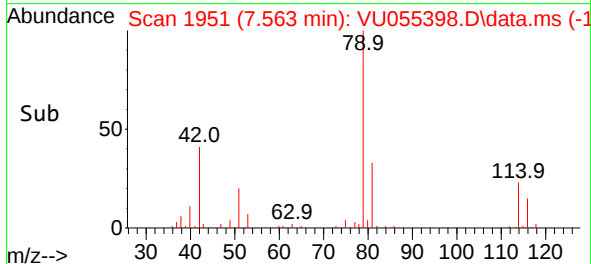
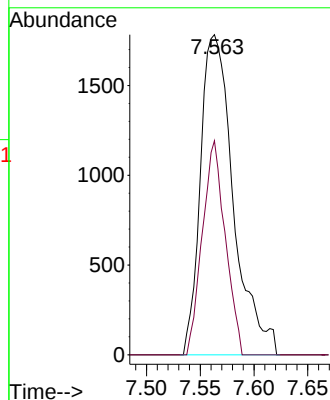
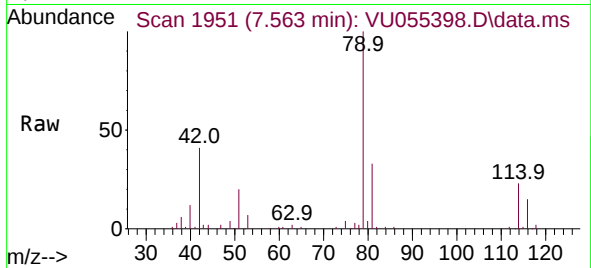
ClientSampleId :

Tgt Ion: 75 Resp: 3804

Ion Ratio Lower Upper

75 100

77 66.9 21.6 40.2#



#48

2-Hexanone

Concen: 4.810 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU055398.D

Acq: 19 Sep 2023 18:23

Tgt Ion: 43 Resp: 31235

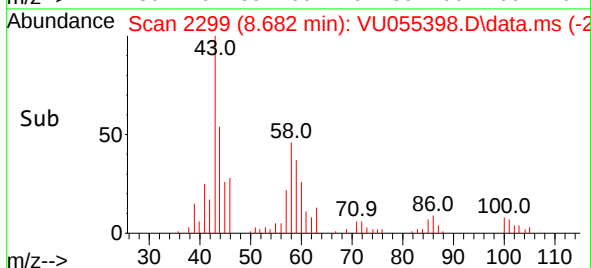
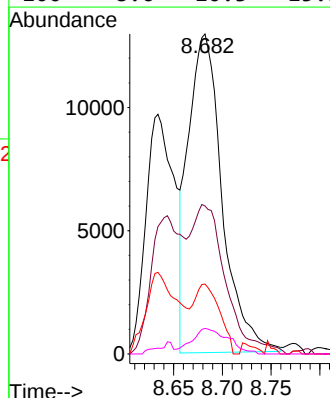
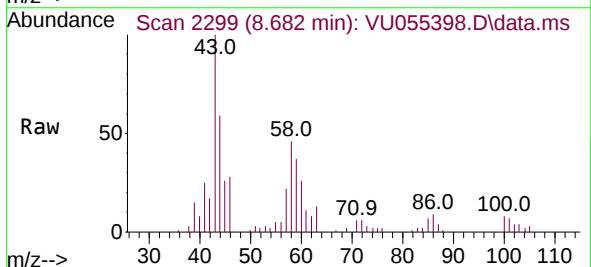
Ion Ratio Lower Upper

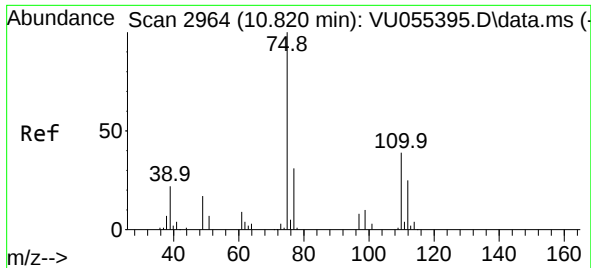
43 100

58 44.9 48.5 72.7#

57 16.4 17.0 25.4#

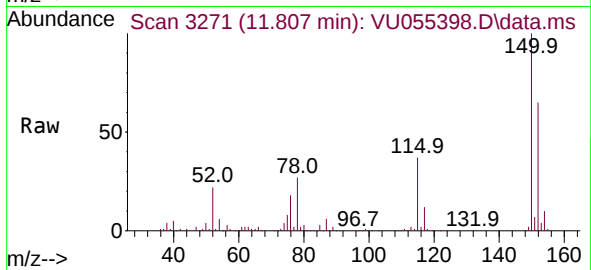
100 8.6 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.579 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055398.D
 Acq: 19 Sep 2023 18:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14545
 Ion Ratio Lower Upper
 75 100
 110 1.9 30.6 45.8#
 77 31.4 26.7 40.1

