

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055414.D
 Acq On : 20 Sep 2023 10:35
 Operator : MD/SY
 Sample : VU0920WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

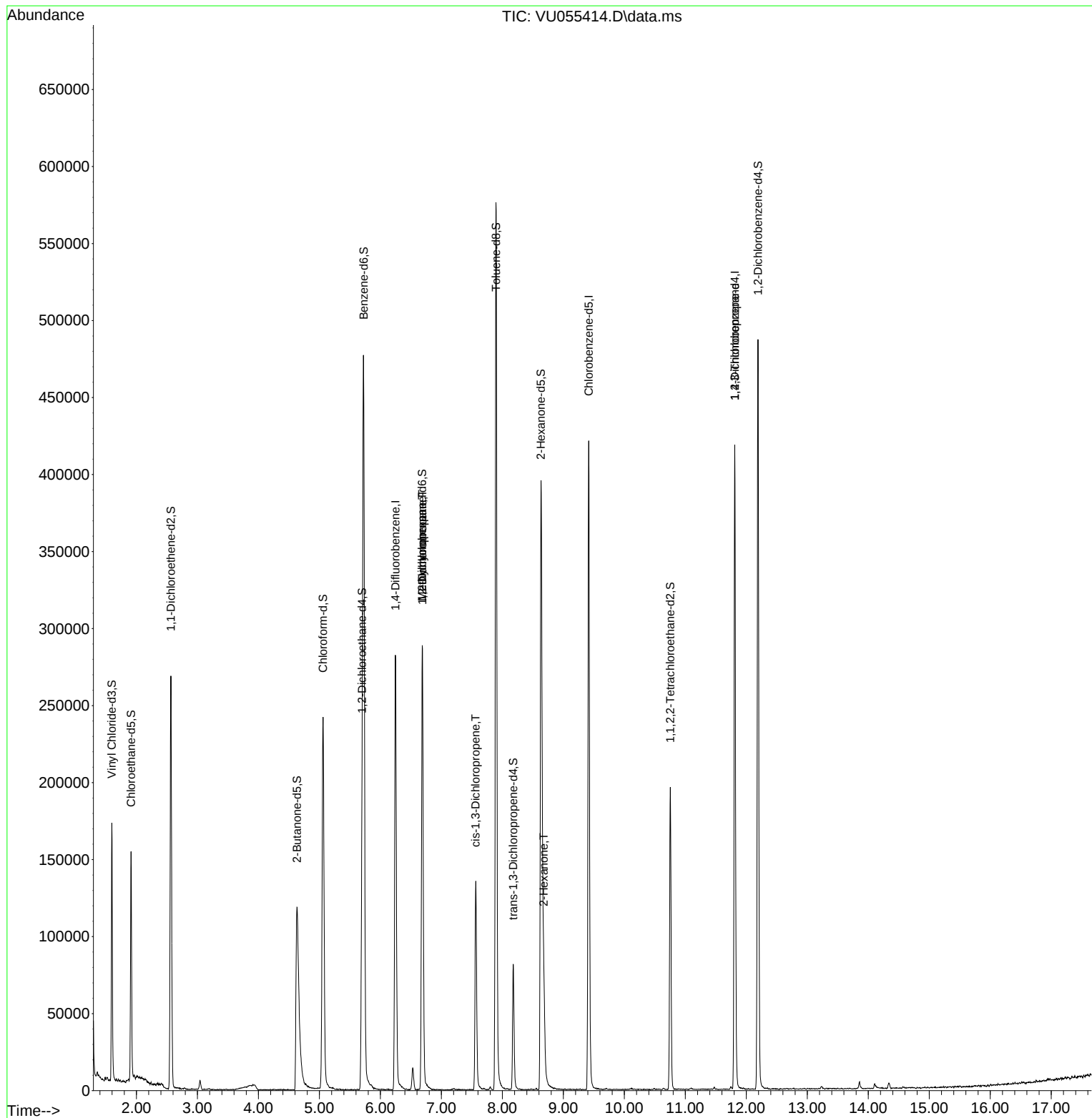
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	228138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	237475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	108127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	117624	5.101	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.000%		
7) Chloroethane-d5	1.911	69	103954	5.116	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.400%		
11) 1,1-Dichloroethene-d2	2.564	65	49807	5.248	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.000%		
20) 2-Butanone-d5	4.631	46	234554	56.319	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 112.640%		
24) Chloroform-d	5.059	84	228198	5.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.400%		
26) 1,2-Dichloroethane-d4	5.699	65	111168	5.541	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.800%		
32) Benzene-d6	5.724	84	458974	5.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.600%		
36) 1,2-Dichloropropane-d6	6.686	67	137993	5.560	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.200%		
41) Toluene-d8	7.895	98	393875	5.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.000%		
43) trans-1,3-Dichloroprop...	8.178	79	47205	5.420	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 108.400%		
46) 2-Hexanone-d5	8.631	63	125138	47.237	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 94.480%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97956	5.267	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	129077	5.915	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.200%		
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.686	83	32993	1.185	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	15389	0.861	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	3690	0.155	ug/L #	68
48) 2-Hexanone	8.676	43	30534	4.859	ug/L #	83
61) 1,2,3-Trichloropropane	11.811	75	14459	1.713	ug/L #	67

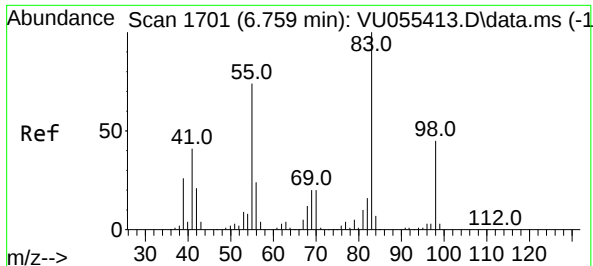
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 1.185 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.074 min

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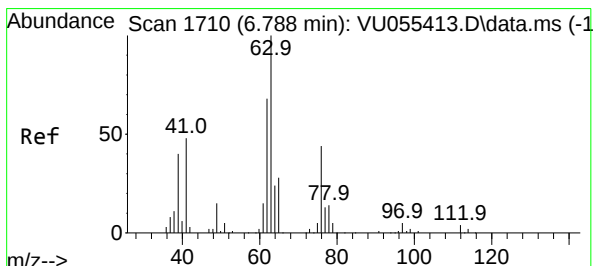
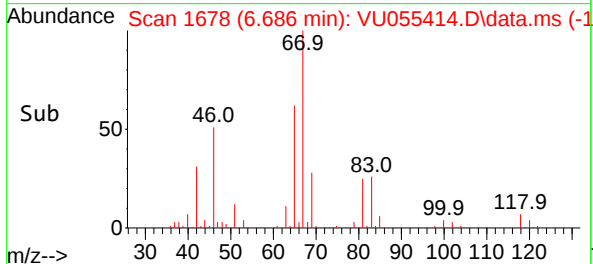
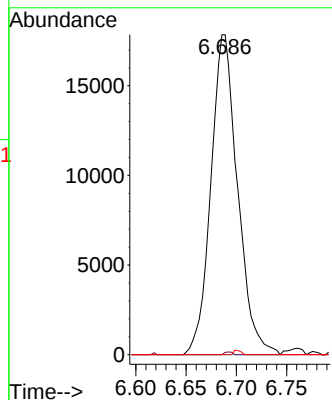
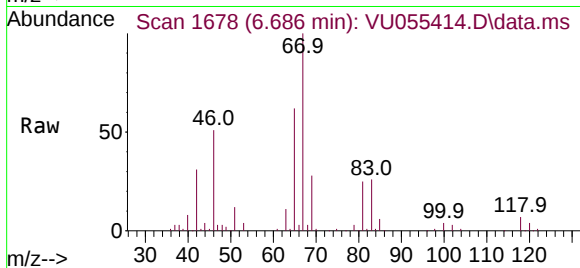
Acq: 20 Sep 2023 10:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	32993
Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.1	88.7#
98	0.4	36.3	54.5#



#37

1,2-Dichloropropane

Concen: 0.861 ug/L

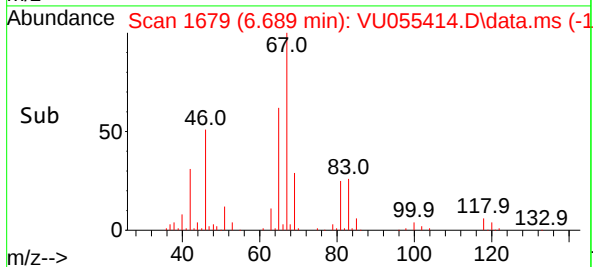
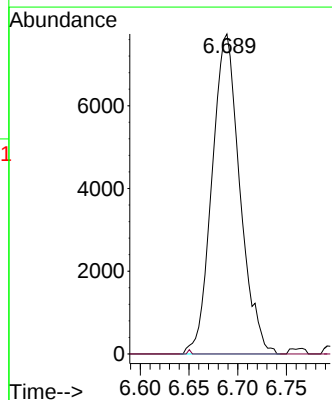
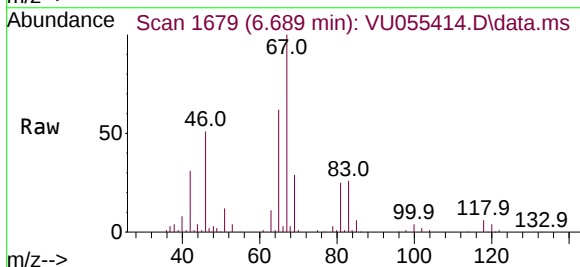
RT: 6.689 min Scan# 1679

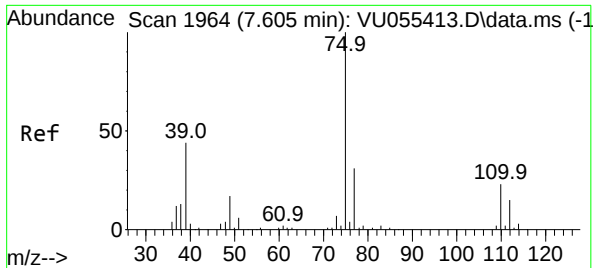
Delta R.T. -0.099 min

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Tgt Ion:	63	Resp:	15389
Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.0	4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.155 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

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Instrument :

MSVOA_U

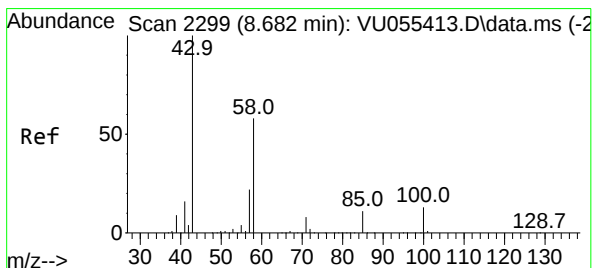
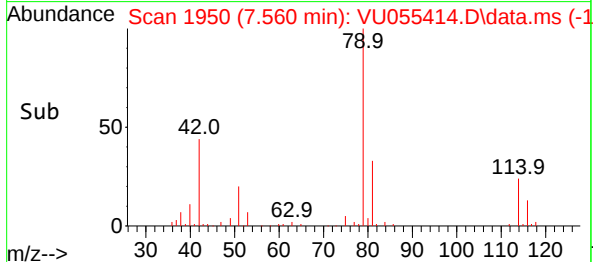
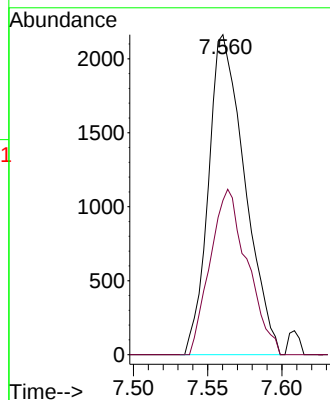
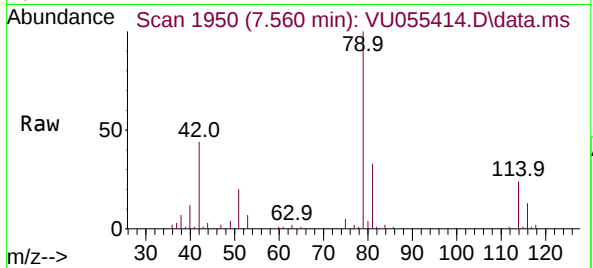
ClientSampleId :

Tgt Ion: 75 Resp: 3690

Ion Ratio Lower Upper

75 100

77 48.2 21.6 40.2#



#48

2-Hexanone

Concen: 4.859 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VU055414.D

Acq: 20 Sep 2023 10:35

Tgt Ion: 43 Resp: 30534

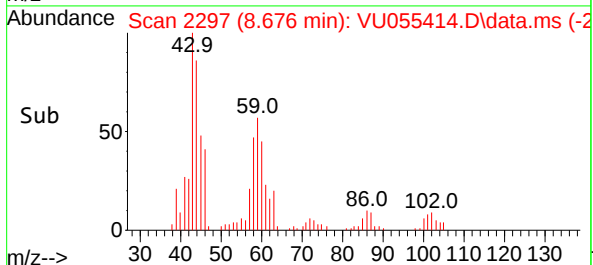
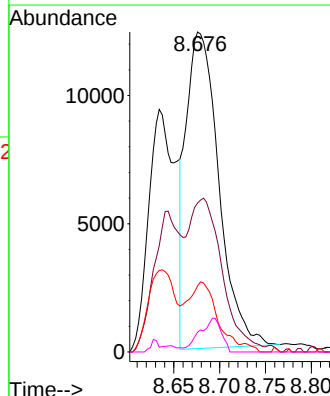
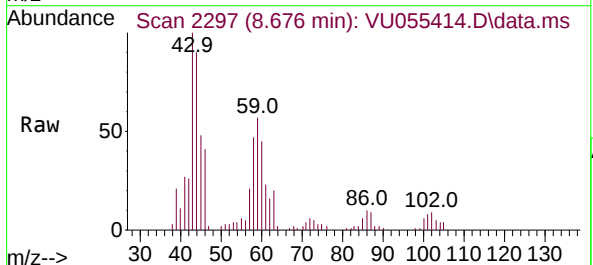
Ion Ratio Lower Upper

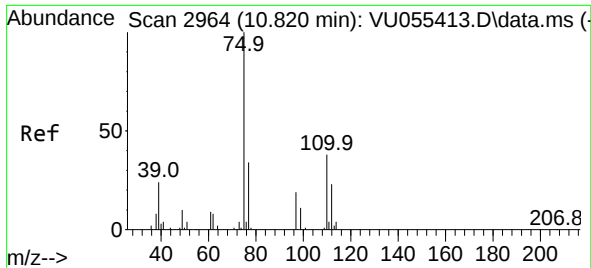
43 100

58 45.3 48.5 72.7#

57 16.5 17.0 25.4#

100 7.1 10.3 15.5#





#61

1,2,3-Trichloropropane

Concen: 1.713 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.991 min

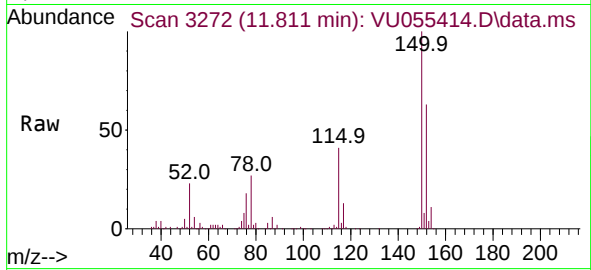
Lab File: VU055414.D

Acq: 20 Sep 2023 10:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 14459

Ion Ratio Lower Upper

75 100

110 2.2 30.6 45.8#

77 31.7 26.7 40.1

