

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055459.D
 Acq On : 22 Sep 2023 15:02
 Operator : MD/SY
 Sample : 04555-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

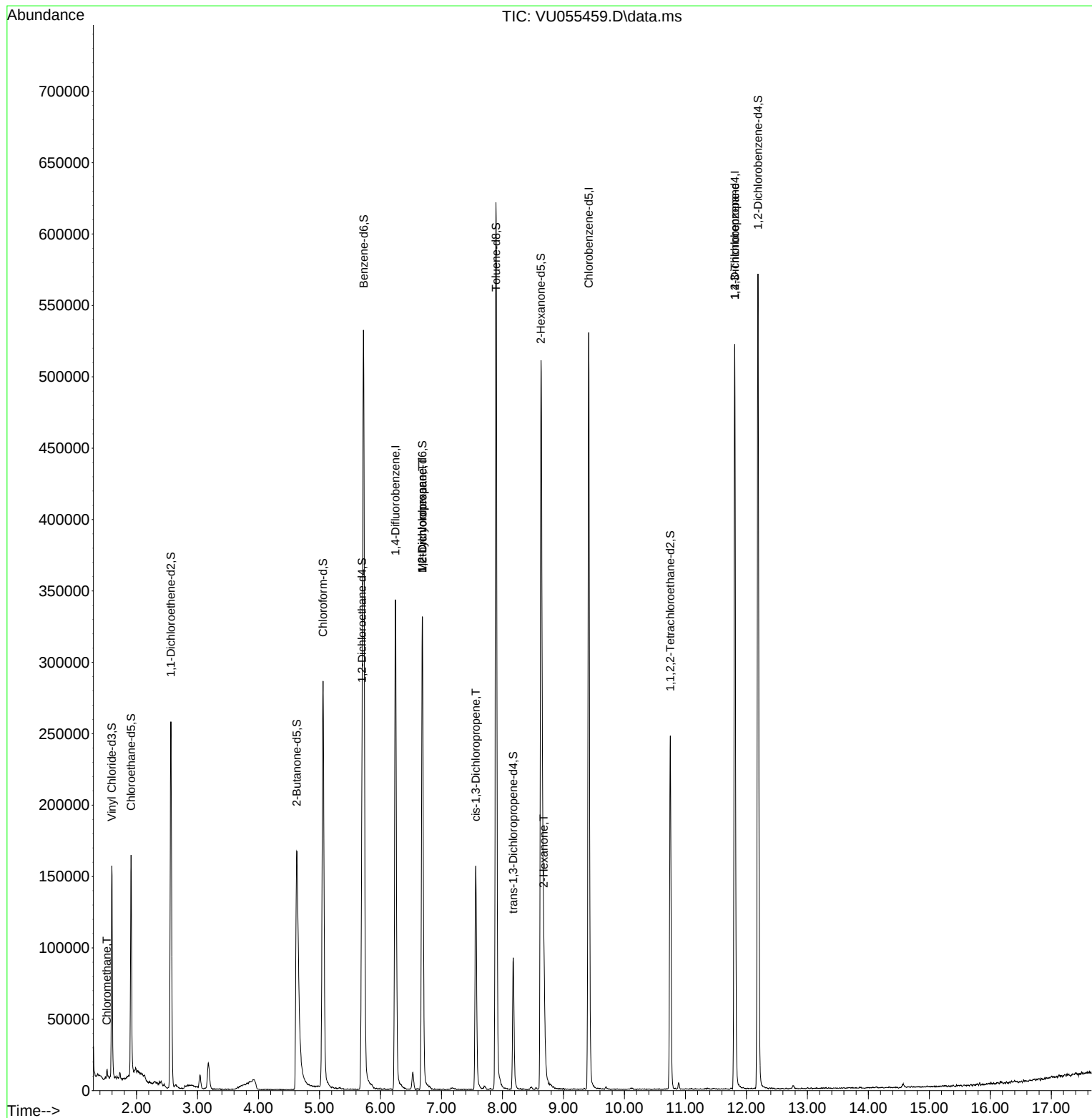
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	285971	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	301073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	142557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	105281	3.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.911	69	108596	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.563	65	48750	4.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.628	46	307546	58.911	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.820%
24) Chloroform-d	5.058	84	268806	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.698	65	138878	5.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.724	84	508688	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.689	67	163452	5.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.894	98	426643	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	55976	5.069	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.631	63	158869	47.302	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	121149	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	152261	5.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3491	0.143	ug/L	99
35) Methylcyclohexane	6.689	83	39038	1.106	ug/L #	21
37) 1,2-Dichloropropane	6.689	63	18141	0.800	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	4500	0.149	ug/L #	70
48) 2-Hexanone	8.679	43	43444	5.453	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	17570	1.579	ug/L #	66

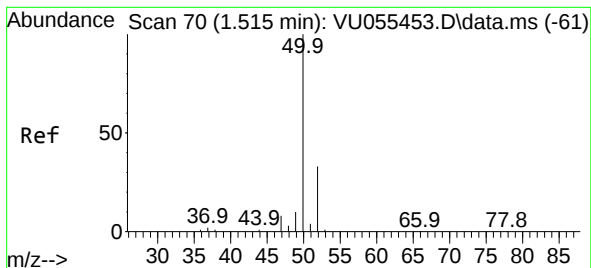
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.143 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

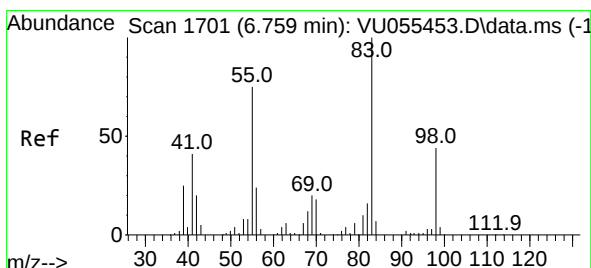
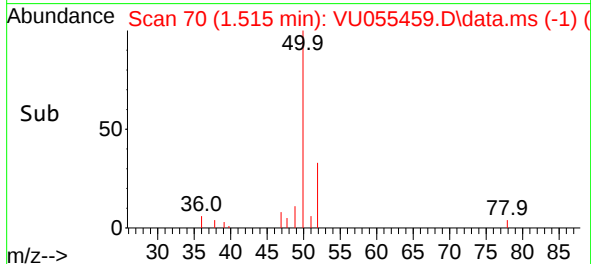
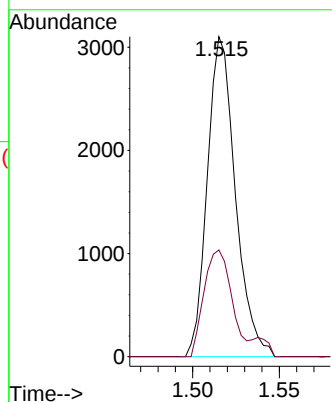
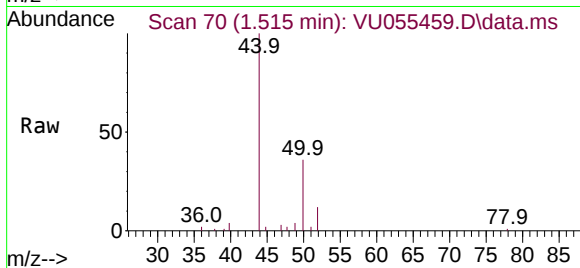
ClientSampleId :

Tgt Ion: 50 Resp: 3491

Ion Ratio Lower Upper

50 100

52 33.4 22.9 42.5



#35

Methylcyclohexane

Concen: 1.106 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055459.D

Acq: 22 Sep 2023 15:02

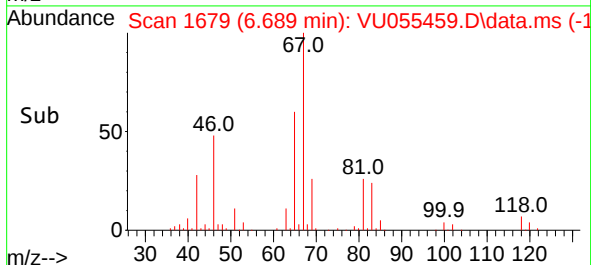
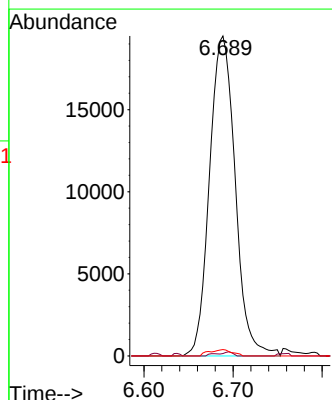
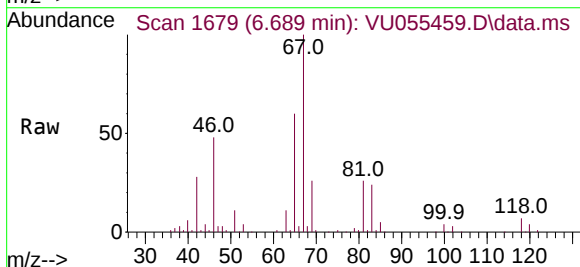
Tgt Ion: 83 Resp: 39038

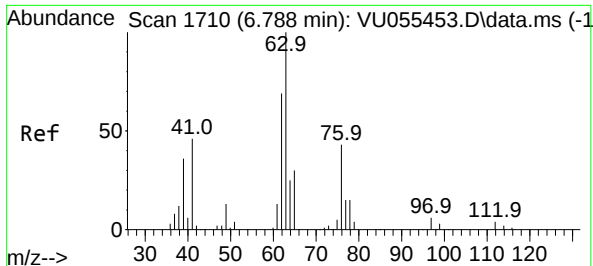
Ion Ratio Lower Upper

83 100

55 0.5 59.1 88.7#

98 1.8 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.800 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055459.D

Acq: 22 Sep 2023 15:02

Instrument :

MSVOA_U

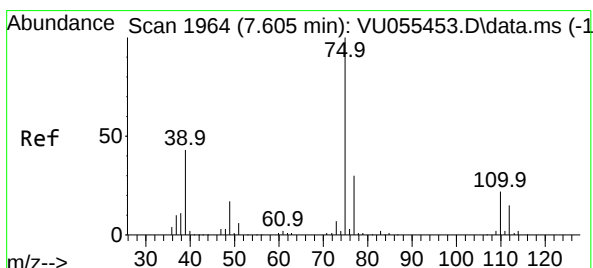
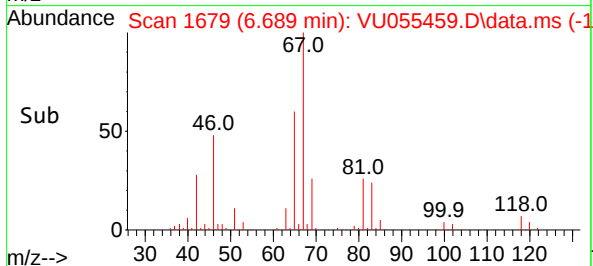
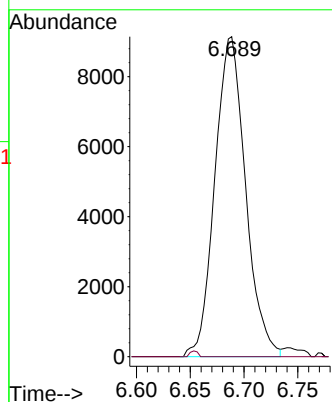
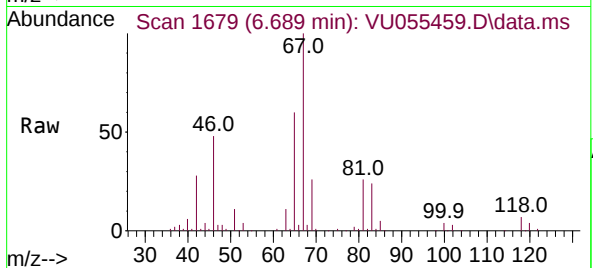
ClientSampleId :

Tgt Ion: 63 Resp: 18141

Ion Ratio Lower Upper

63 100

112 0.5 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.149 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU055459.D

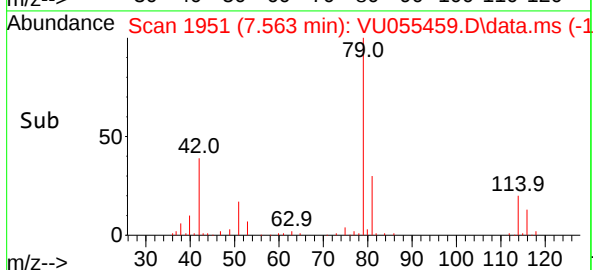
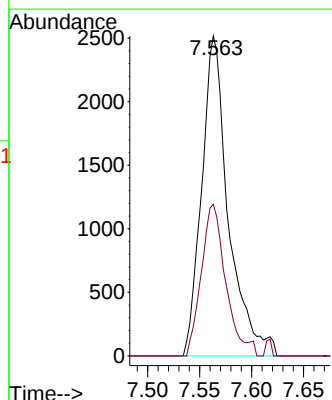
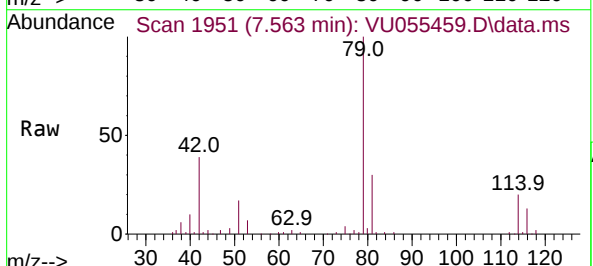
Acq: 22 Sep 2023 15:02

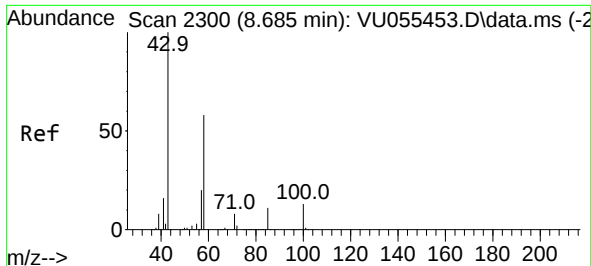
Tgt Ion: 75 Resp: 4500

Ion Ratio Lower Upper

75 100

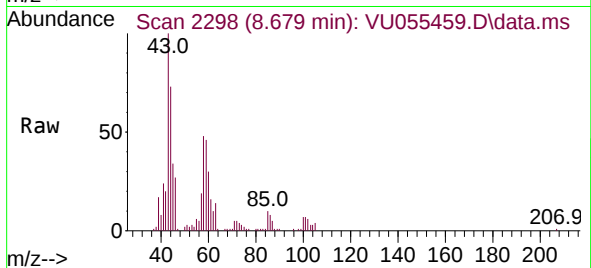
77 47.4 21.6 40.2#



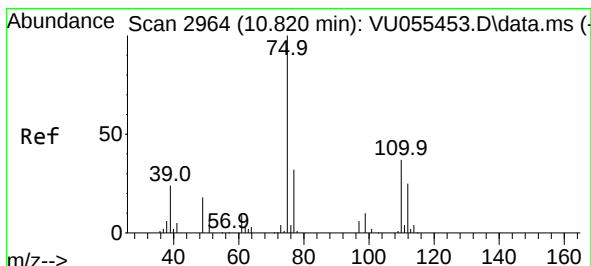
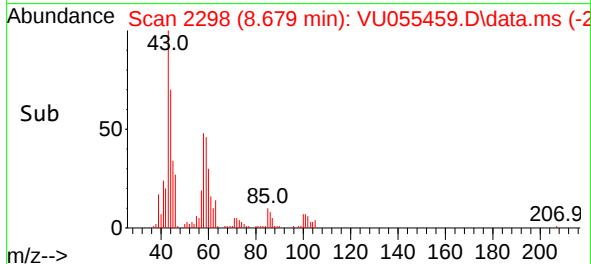
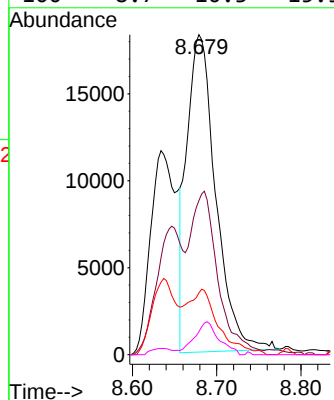


#48
2-Hexanone
Concen: 5.453 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU055459.D
Acq: 22 Sep 2023 15:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 43444
Ion Ratio Lower Upper
43 100
58 46.4 48.5 72.7#
57 16.2 17.0 25.4#
100 8.7 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.579 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055459.D
Acq: 22 Sep 2023 15:02

Tgt Ion: 75 Resp: 17570
Ion Ratio Lower Upper
75 100
110 2.4 30.6 45.8#
77 30.8 26.7 40.1

