

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057173.D
 Acq On : 22 Dec 2023 07:19
 Operator : MD/SY
 Sample : 05912-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 07:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

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

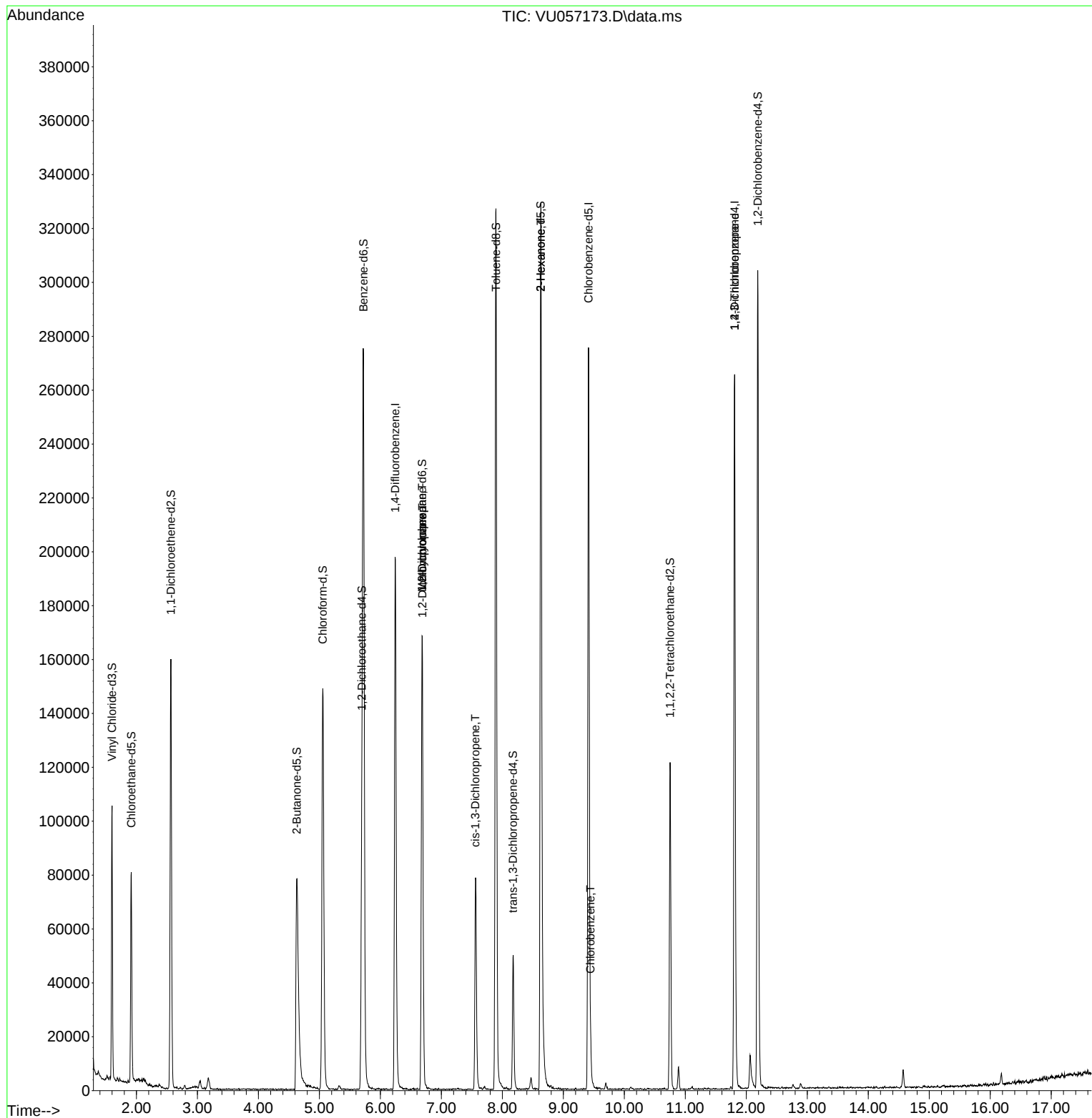
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158693	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71090	4.687	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.914	69	60035	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.563	65	31552	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.628	46	133288	55.968	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.940%
24) Chloroform-d	5.055	84	145508	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	71479	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.721	84	260353	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.682	67	78828	5.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.894	98	223083	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	29118	4.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	110130	51.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59184	5.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	77445	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
35) Methylcyclohexane	6.685	83	19618	1.042	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	8793	0.723	ug/L #	88
39) cis-1,3-Dichloropropene	7.557	75	2230	0.122	ug/L #	74
48) 2-Hexanone	8.631	43	14623	3.759	ug/L #	74
51) Chlorobenzene	9.444	112	6961	0.206	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	9427	1.430	ug/L #	65

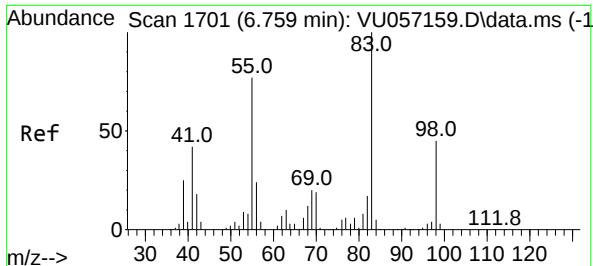
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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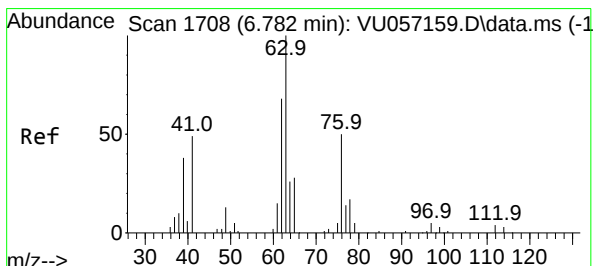
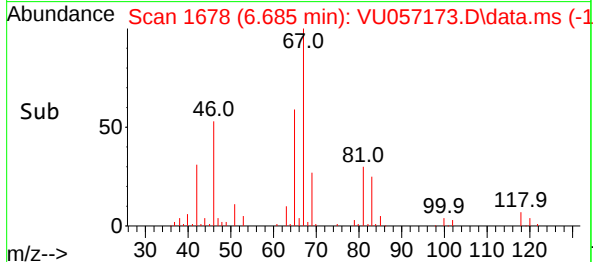
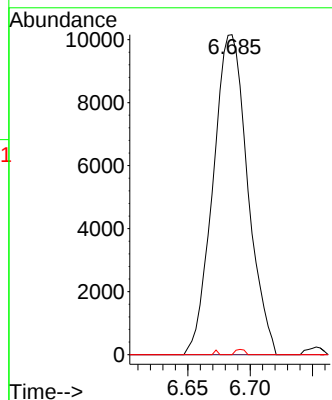
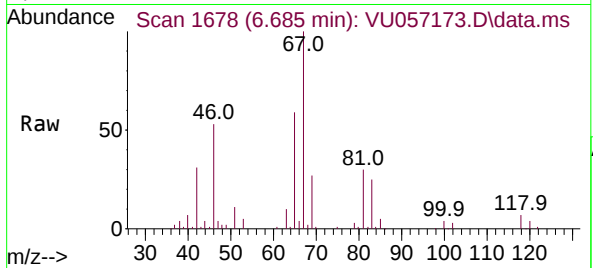




#35
Methylcyclohexane
Concen: 1.042 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057173.D
Acq: 22 Dec 2023 07:19

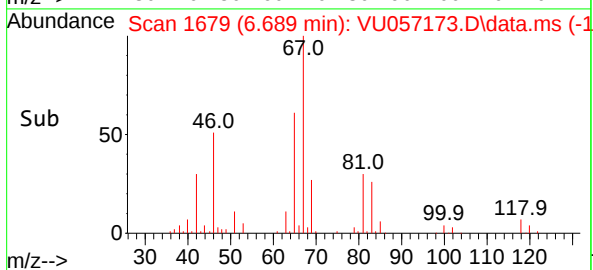
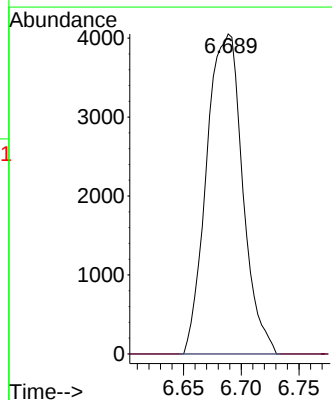
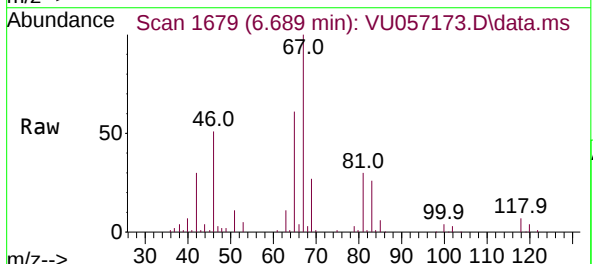
Instrument :
MSVOA_U
ClientSampleId :

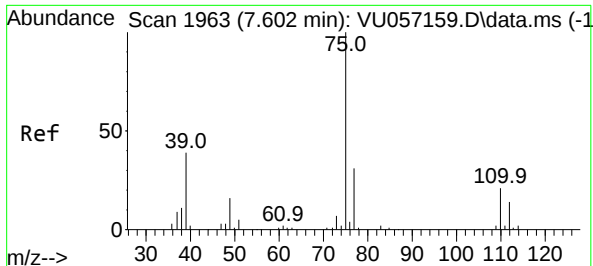
Tgt Ion: 83 Resp: 19618
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.5 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.723 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.093 min
Lab File: VU057173.D
Acq: 22 Dec 2023 07:19

Tgt Ion: 63 Resp: 8793
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.557 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU057173.D

Acq: 22 Dec 2023 07:19

Instrument :

MSVOA_U

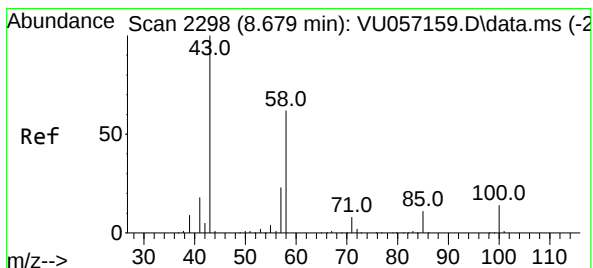
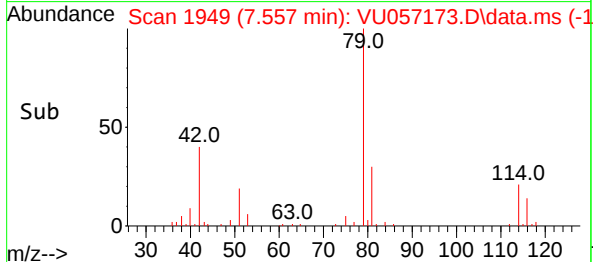
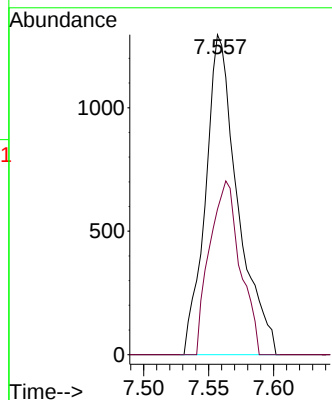
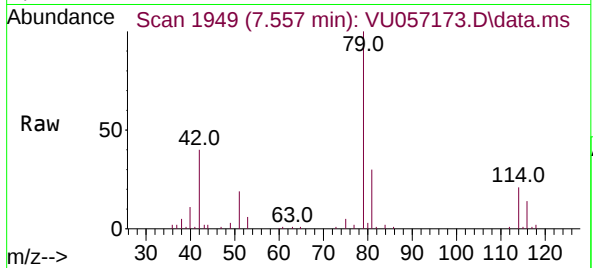
ClientSampleId :

Tgt Ion: 75 Resp: 2230

Ion Ratio Lower Upper

75 100

77 45.4 21.8 40.4#



#48

2-Hexanone

Concen: 3.759 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU057173.D

Acq: 22 Dec 2023 07:19

Tgt Ion: 43 Resp: 14623

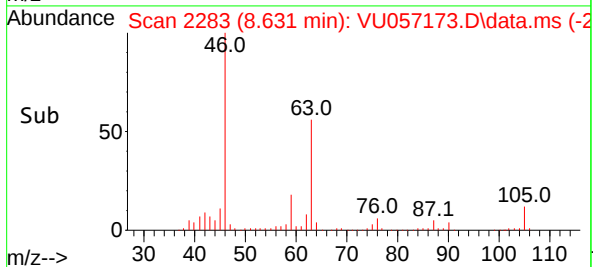
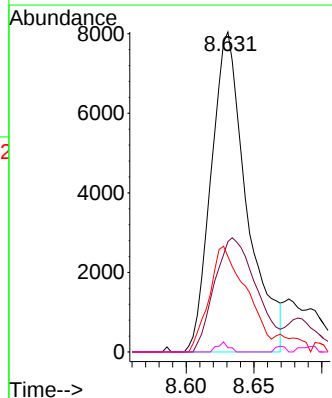
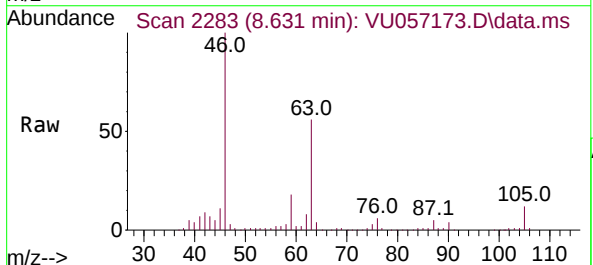
Ion Ratio Lower Upper

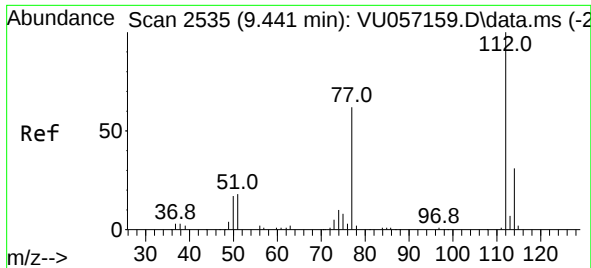
43 100

58 42.5 49.8 74.8#

57 34.8 18.5 27.7#

100 1.0 11.1 16.7#

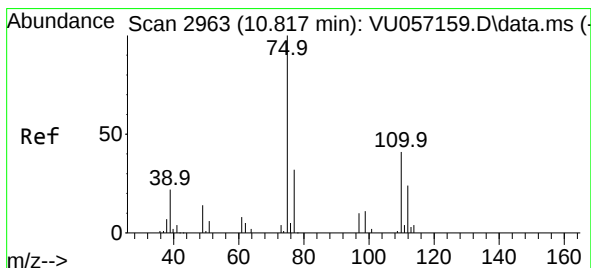
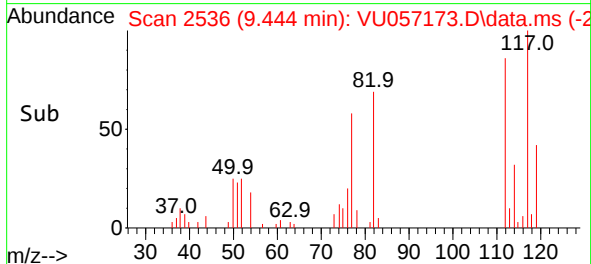
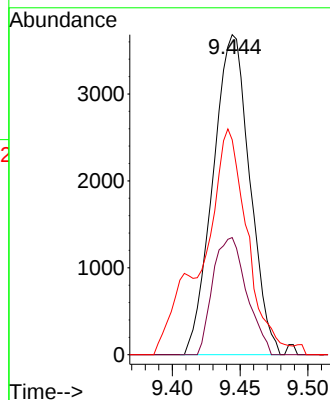
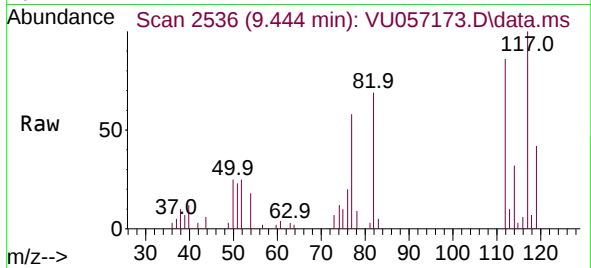




#51
Chlorobenzene
Concen: 0.206 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057173.D
Acq: 22 Dec 2023 07:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 6961
Ion Ratio Lower Upper
112 100
114 36.6 22.7 42.1
77 67.2 52.2 78.2



#61
1,2,3-Trichloropropane
Concen: 1.430 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057173.D
Acq: 22 Dec 2023 07:19

Tgt Ion: 75 Resp: 9427
Ion Ratio Lower Upper
75 100
110 2.0 31.2 46.8#
77 30.2 25.5 38.3

