

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057218.D
 Acq On : 23 Dec 2023 03:26
 Operator : MD/SY
 Sample : 05927-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 04:43:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

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

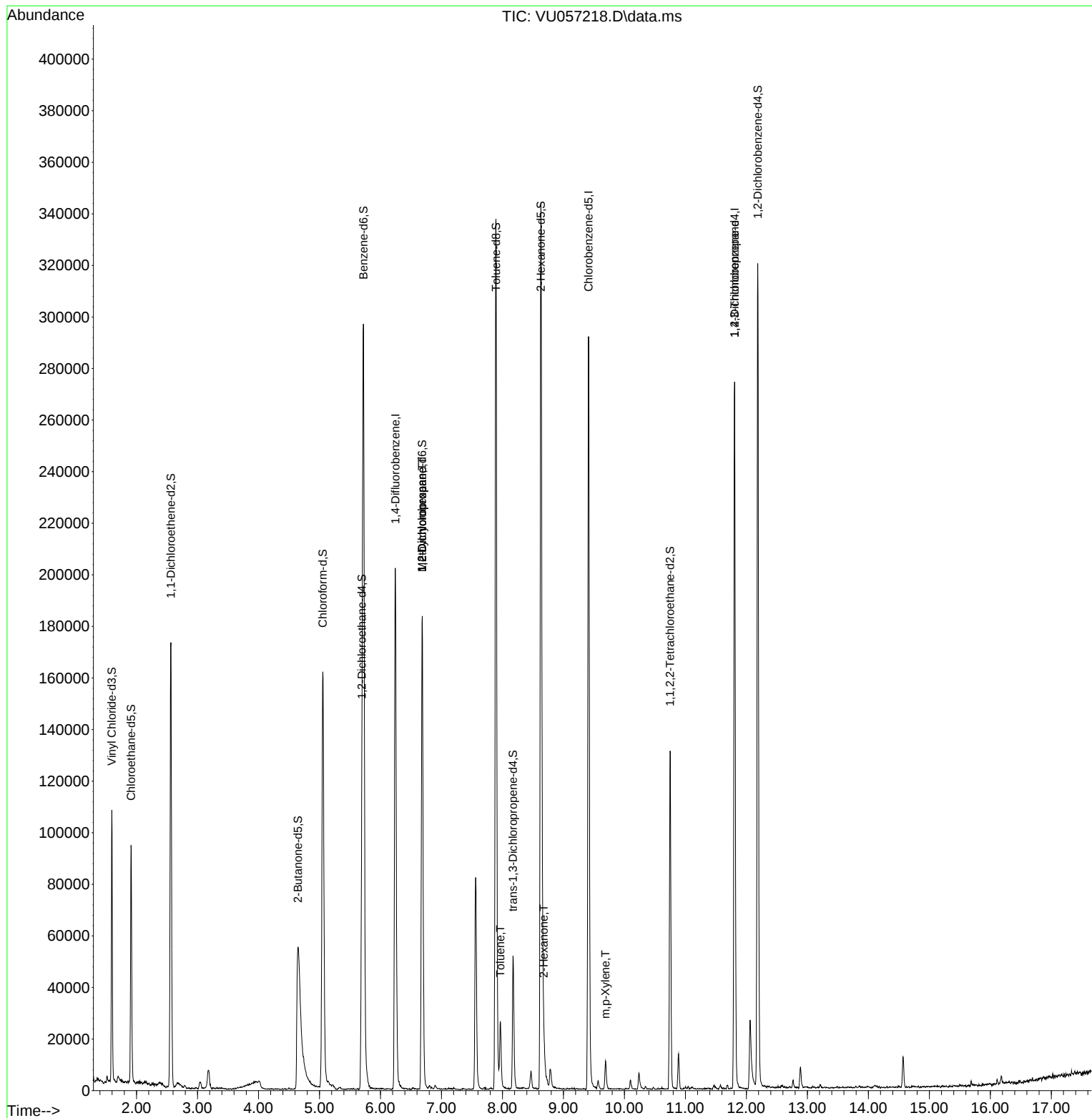
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	166862	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72308	4.534	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.600%	
7) Chloroethane-d5	1.911	69	70462	5.367	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.563	65	32837	4.752	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	4.647	46	148401	59.264	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.520%	
24) Chloroform-d	5.055	84	156231	5.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.695	65	77707	5.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
32) Benzene-d6	5.721	84	284787	5.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
36) 1,2-Dichloropropane-d6	6.685	67	87467	5.429	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.600%	
41) Toluene-d8	7.894	98	234131	4.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	8.174	79	31311	4.669	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.631	63	122428	53.614	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.220%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	63452	5.534	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	84349	5.330	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						Qvalue
35) Methylcyclohexane	6.685	83	21296	1.057	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	10031	0.771	ug/L #	88
42) Toluene	7.965	91	19326	0.348	ug/L	97
48) 2-Hexanone	8.679	43	4892	1.175	ug/L #	40
53) m,p-Xylene	9.688	106	3334	0.146	ug/L	75
61) 1,2,3-Trichloropropane	11.807	75	7891	1.151	ug/L #	58

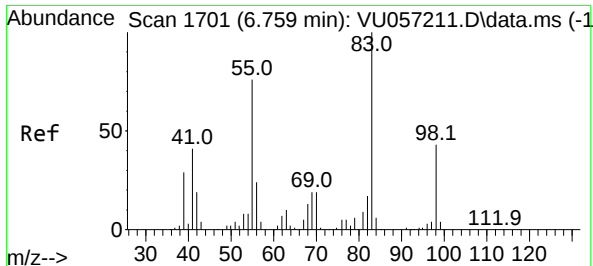
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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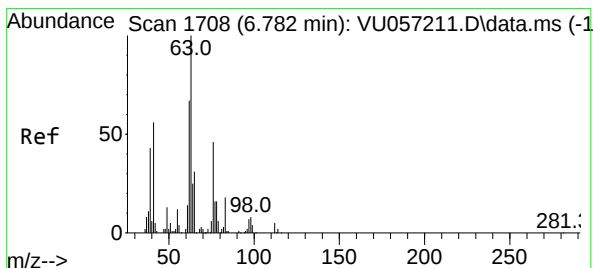
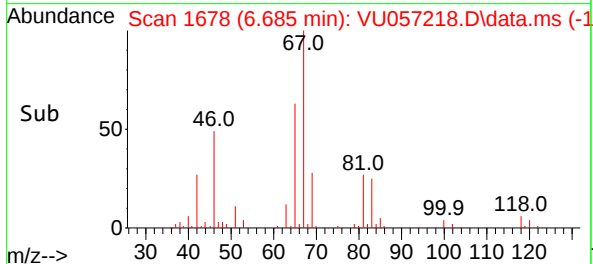
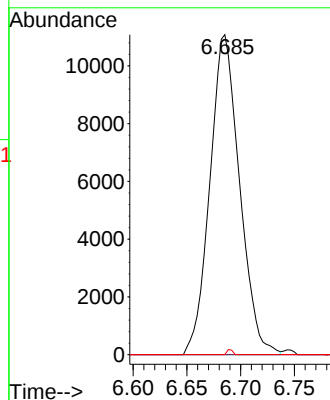
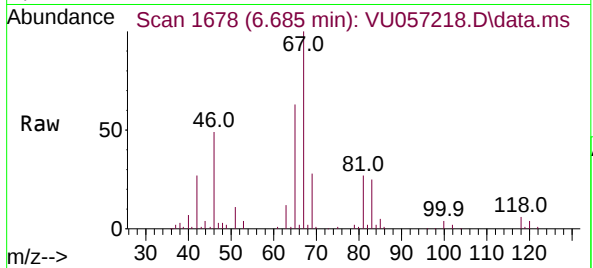




#35
Methylcyclohexane
Concen: 1.057 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057218.D
Acq: 23 Dec 2023 03:26

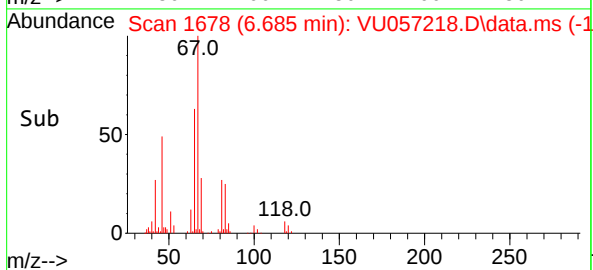
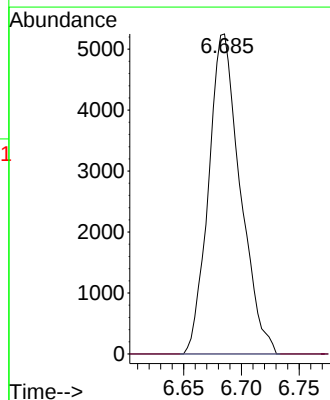
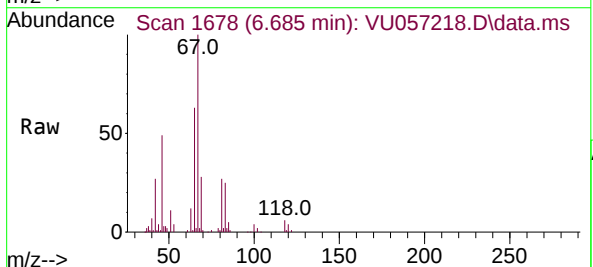
Instrument :
MSVOA_U
ClientSampleId :

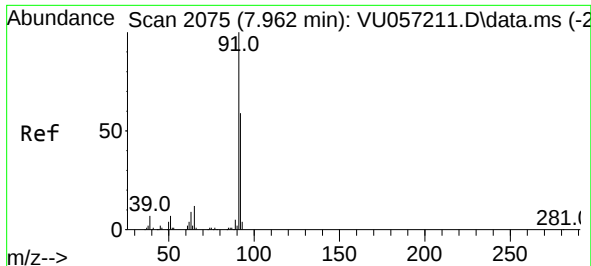
Tgt Ion: 83 Resp: 21296
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.3 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.771 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU057218.D
Acq: 23 Dec 2023 03:26

Tgt Ion: 63 Resp: 10031
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#42

Toluene

Concen: 0.348 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057218.D

Acq: 23 Dec 2023 03:26

Instrument :

MSVOA_U

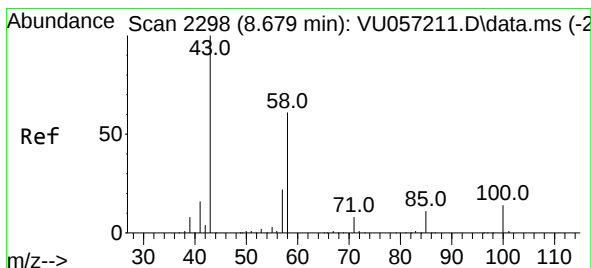
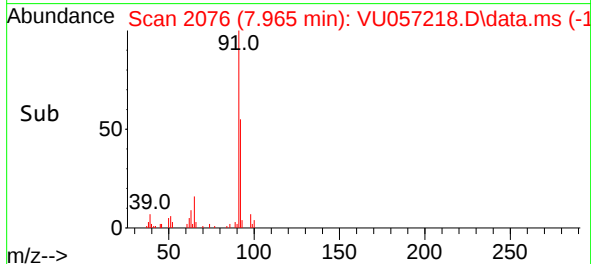
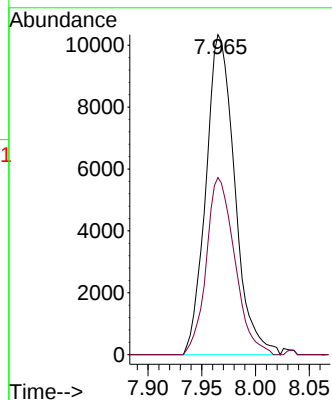
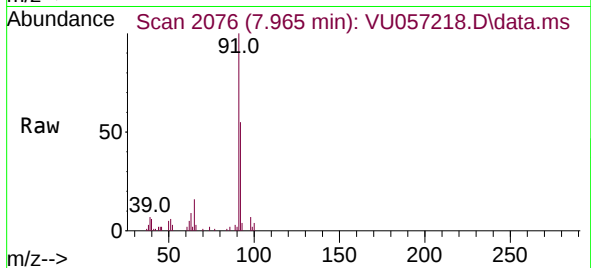
ClientSampleId :

Tgt Ion: 91 Resp: 19326

Ion Ratio Lower Upper

91 100

92 55.4 40.5 75.1



#48

2-Hexanone

Concen: 1.175 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VU057218.D

Acq: 23 Dec 2023 03:26

Tgt Ion: 43 Resp: 4892

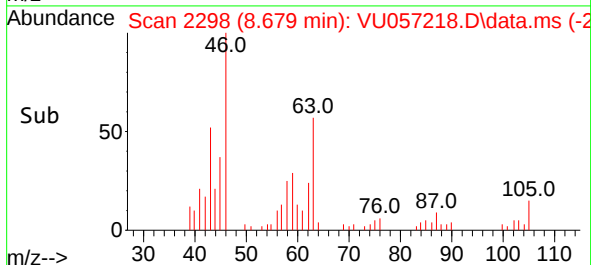
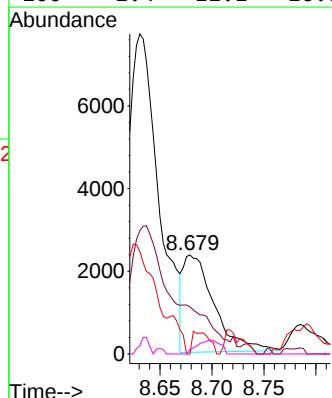
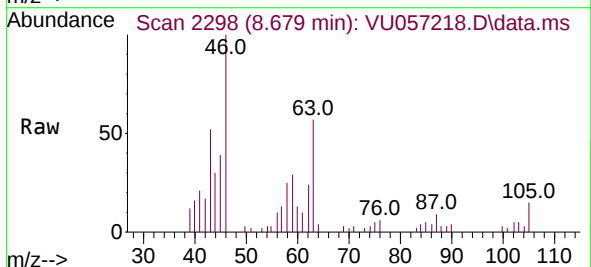
Ion Ratio Lower Upper

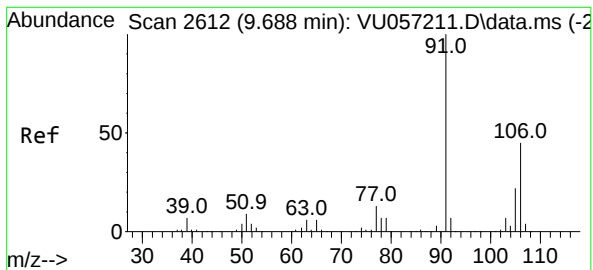
43 100

58 0.0 49.8 74.8#

57 12.2 18.5 27.7#

100 1.4 11.1 16.7#

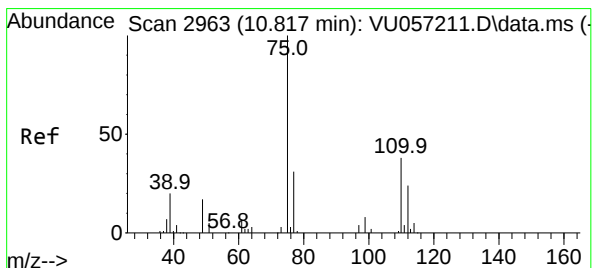
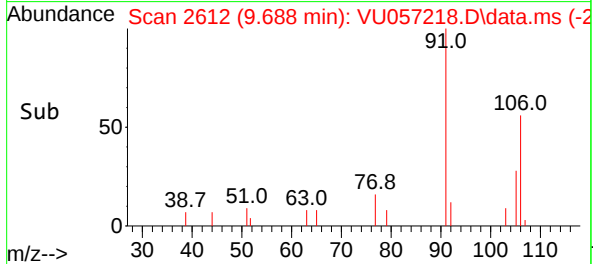
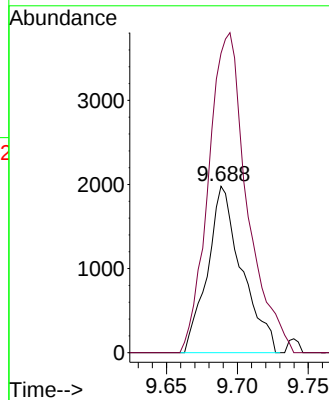
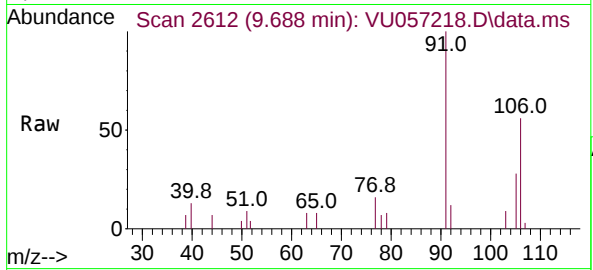




#53
m,p-Xylene
Concen: 0.146 ug/L
RT: 9.688 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU057218.D
Acq: 23 Dec 2023 03:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 3334
Ion Ratio Lower Upper
106 100
91 180.0 154.5 286.9



#61
1,2,3-Trichloropropane
Concen: 1.151 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057218.D
Acq: 23 Dec 2023 03:26

Tgt Ion: 75 Resp: 7891
Ion Ratio Lower Upper
75 100
110 2.3 31.2 46.8#
77 43.4 25.5 38.3#

