

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062404.D
 Acq On : 17 Dec 2024 23:00
 Operator : MD/SY
 Sample : P5310-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:14:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 01:12:26 2024
 Response via : Initial Calibration

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

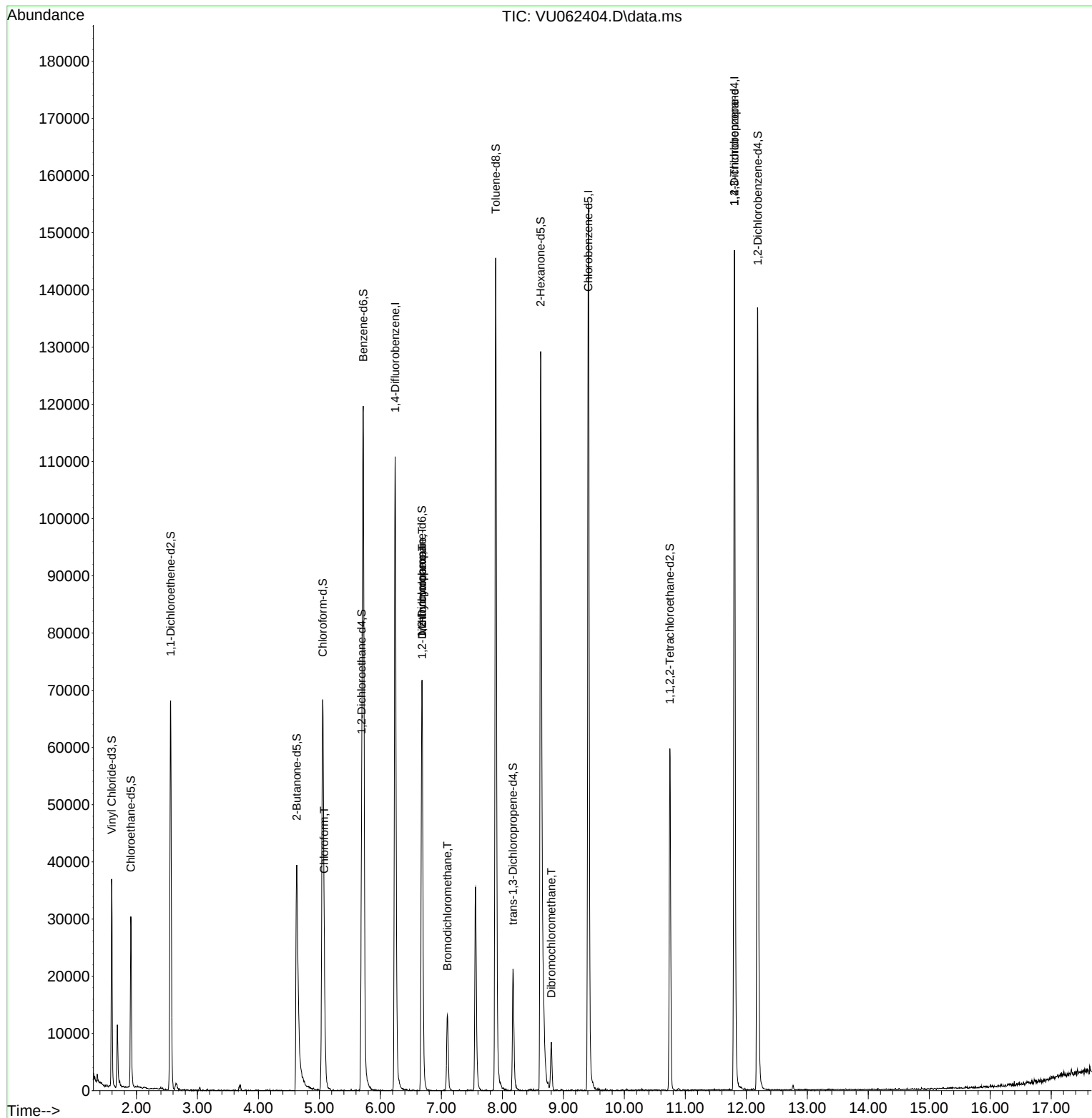
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	94132	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	25473	4.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.908	69	20898	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.560	65	13304	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.628	46	62083	51.020	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	5.052	84	62960	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.692	65	34845	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.718	84	115255	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.679	67	33330	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	104476	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	14227	4.284	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.628	63	44592	44.504	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.000%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	28537	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	40284	5.147	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
25) Chloroform	5.078	83	12416	0.921	ug/L	94
35) Methylcyclohexane	6.682	83	9368	0.786	ug/L #	19
37) 1,2-Dichloropropane	6.686	63	3987	0.577	ug/L #	87
38) Bromodichloromethane	7.097	83	9852	1.011	ug/L	95
49) Dibromochloromethane	8.801	129	4652	0.738	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	4288	1.092	ug/L #	68

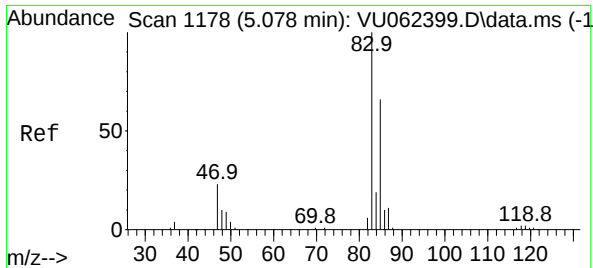
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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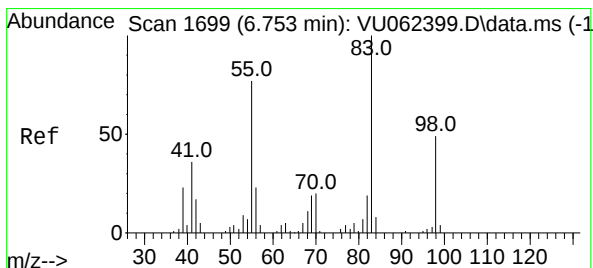
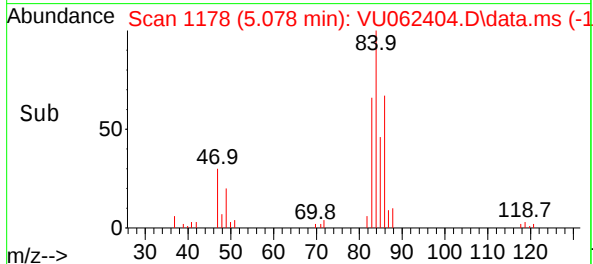
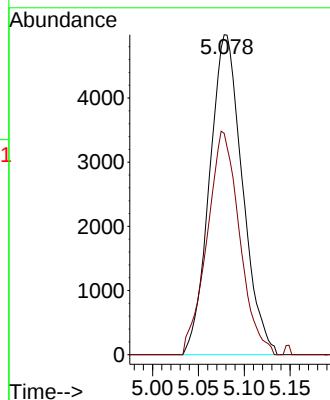
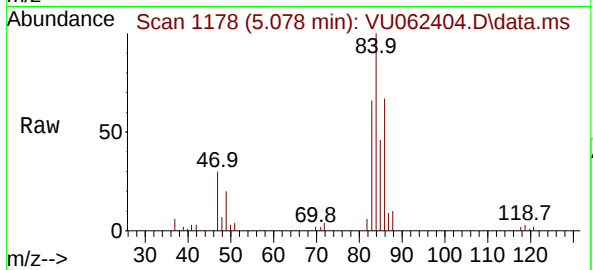




#25
Chloroform
Concen: 0.921 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU062404.D
Acq: 17 Dec 2024 23:00

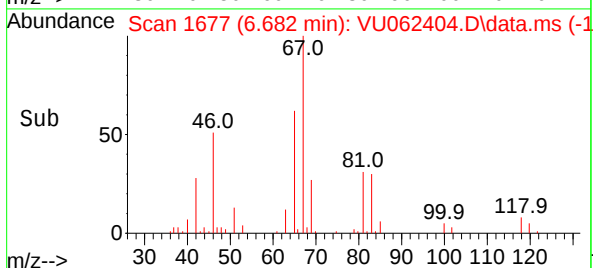
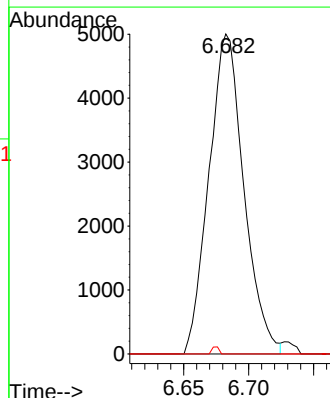
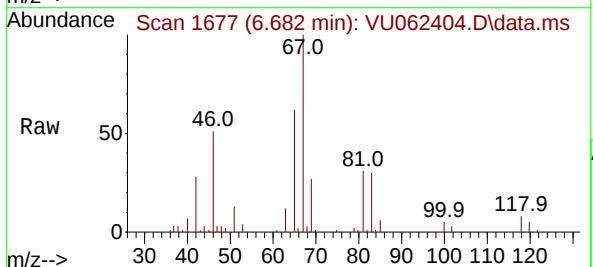
Instrument :
MSVOA_U
ClientSampleId :

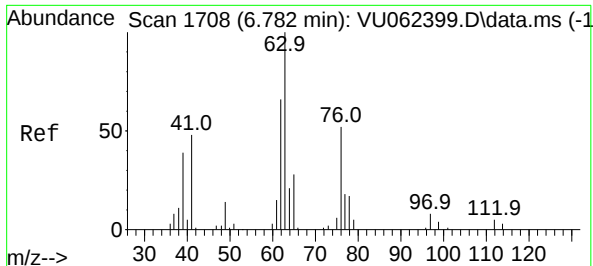
Tgt Ion: 83 Resp: 12416
Ion Ratio Lower Upper
83 100
85 69.2 45.4 84.2



#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.070 min
Lab File: VU062404.D
Acq: 17 Dec 2024 23:00

Tgt Ion: 83 Resp: 9368
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.4 34.8 52.2#

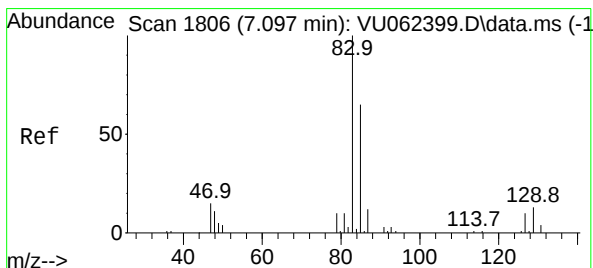
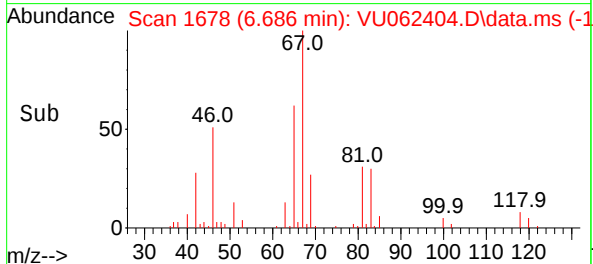
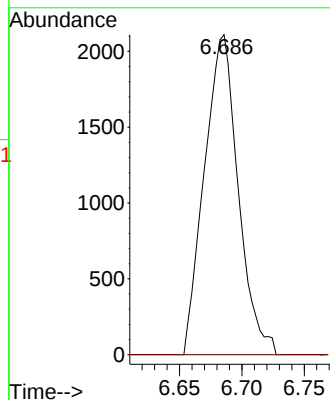
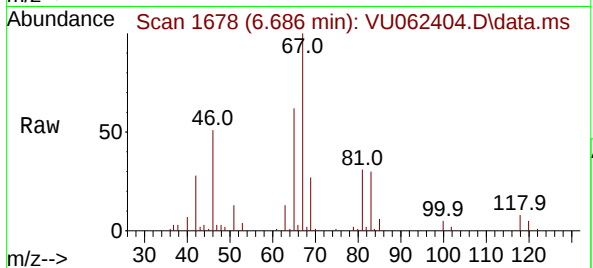




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.686 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU062404.D
Acq: 17 Dec 2024 23:00

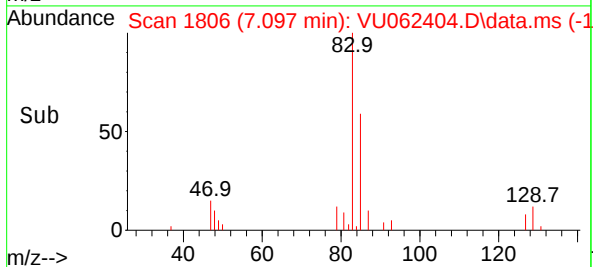
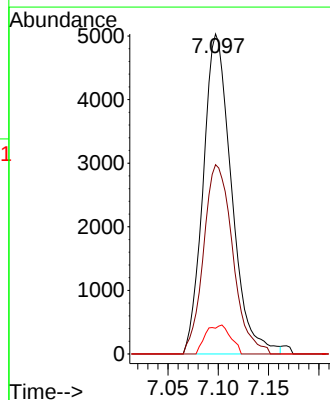
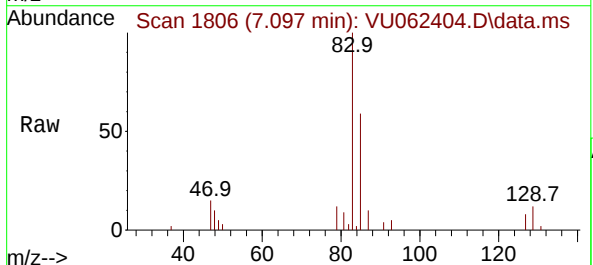
Instrument :
MSVOA_U
ClientSampleId :

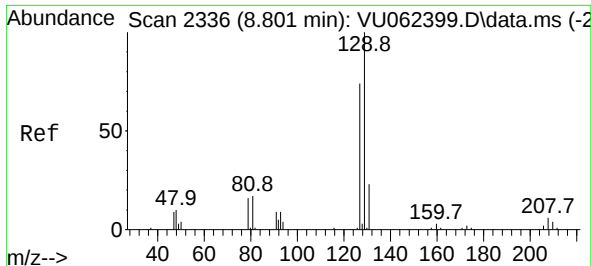
Tgt Ion: 63 Resp: 3987
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 1.011 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062404.D
Acq: 17 Dec 2024 23:00

Tgt Ion: 83 Resp: 9852
Ion Ratio Lower Upper
83 100
85 59.1 44.1 81.9
127 8.1 6.9 10.3





#49

Dibromochloromethane

Concen: 0.738 ug/L

RT: 8.801 min Scan# 24

Delta R.T. 0.000 min

Lab File: VU062404.D

Acq: 17 Dec 2024 23:00

Instrument :

MSVOA_U

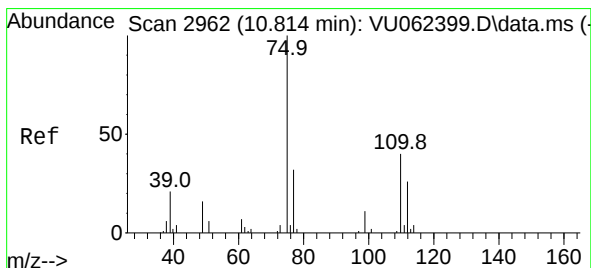
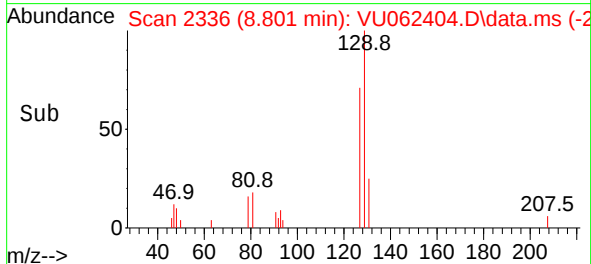
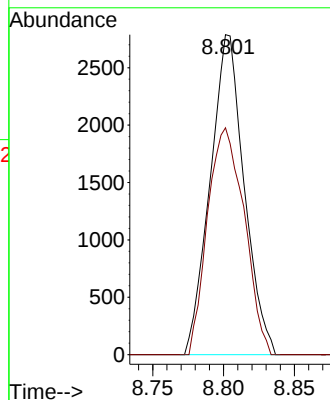
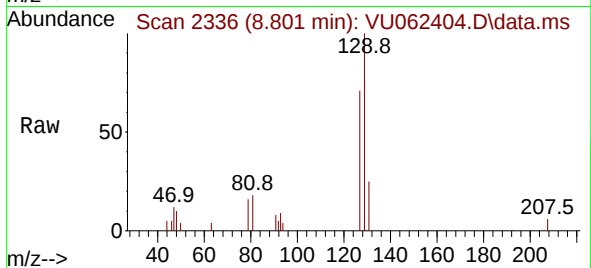
ClientSampleId :

Tgt Ion:129 Resp: 4652

Ion Ratio Lower Upper

129 100

127 70.9 51.1 94.9



#61

1,2,3-Trichloropropane

Concen: 1.092 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU062404.D

Acq: 17 Dec 2024 23:00

Tgt Ion: 75 Resp: 4288

Ion Ratio Lower Upper

75 100

110 1.0 28.9 43.3#

77 34.2 26.5 39.7

