

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120224\
 Data File : VU062068.D
 Acq On : 02 Dec 2024 11:51
 Operator : MD/SY
 Sample : VU1202WBL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 00:24:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:46 2024
 Response via : Initial Calibration

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

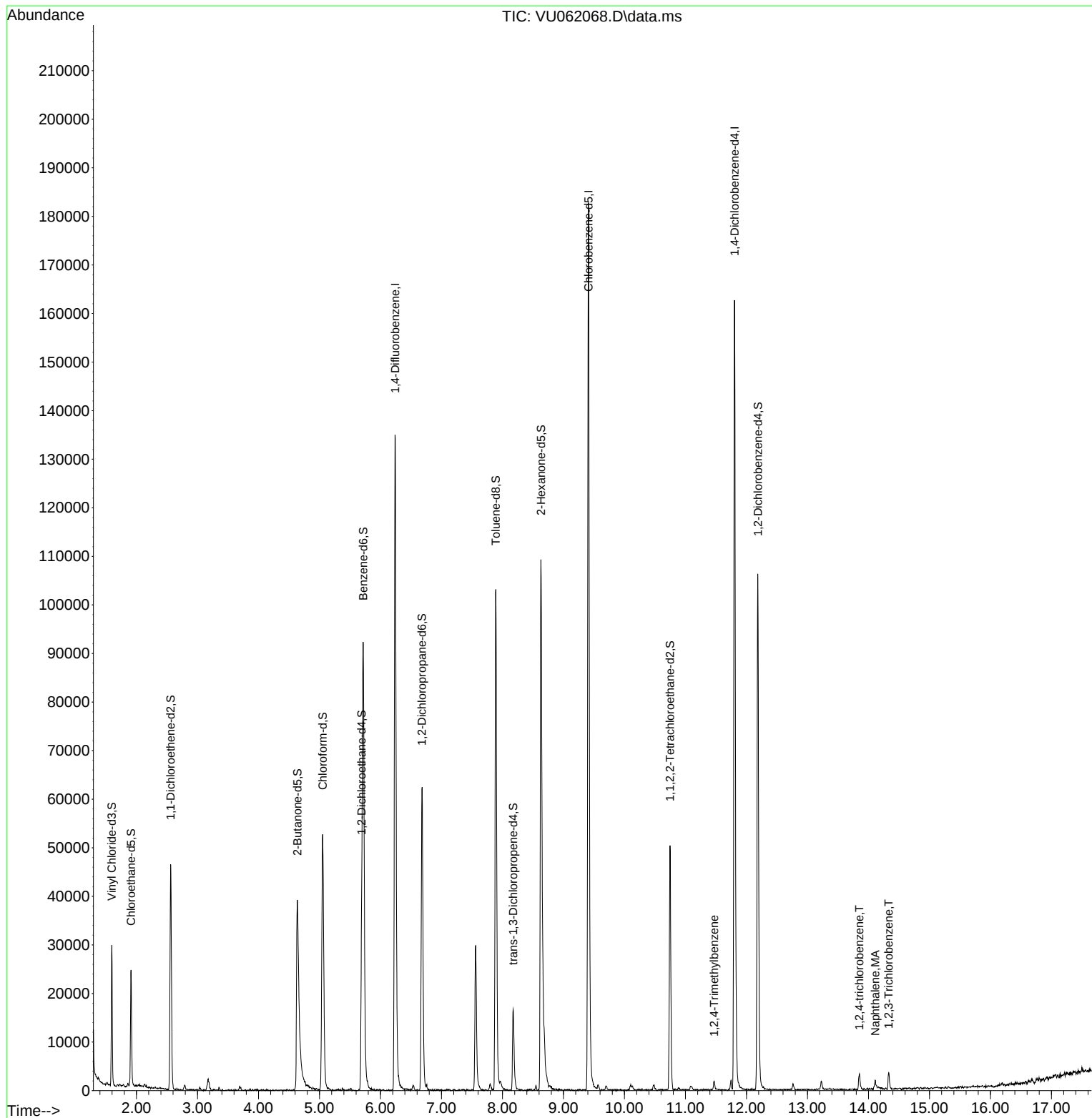
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	114554	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	106011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19936	3.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.911	69	17443	3.509	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.560	65	9065	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.637	46	63642	36.068	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.140%
24) Chloroform-d	5.052	84	53305	3.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.692	65	28380	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.718	84	88875	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.679	67	30907	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.891	98	75474	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.174	79	11616	4.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.631	63	42825	36.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26179	3.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	30304	4.314	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
63) 1,2,4-Trimethylbenzene	11.470	105	1642	0.056	ug/L	87
70) 1,2,4-trichlorobenzene	13.849	180	1665	0.222	ug/L #	92
71) Naphthalene	14.113	128	2621	0.217	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.331	180	1411	0.218	ug/L	95

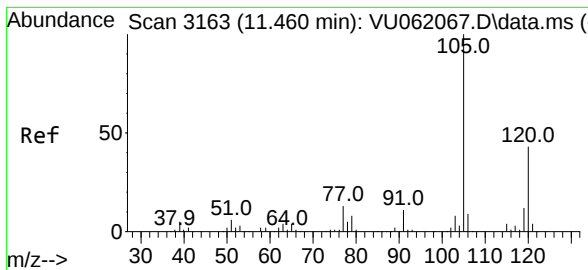
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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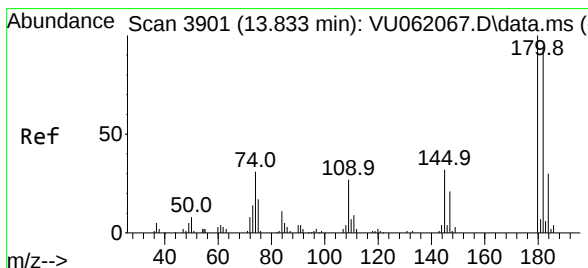
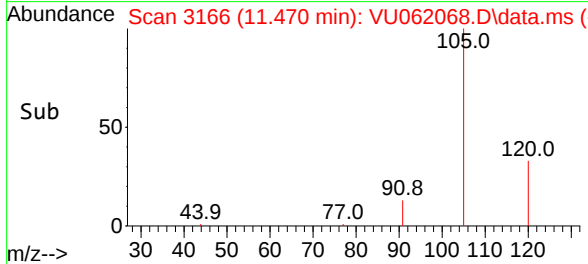
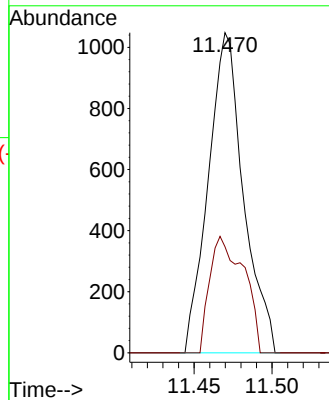
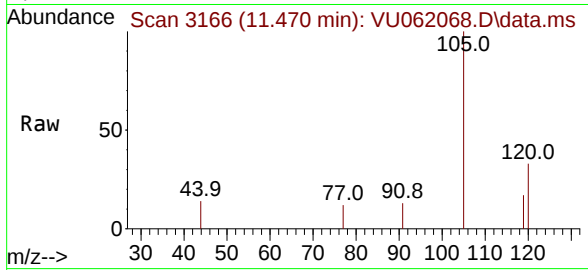




#63
1,2,4-Trimethylbenzene
Concen: 0.056 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.010 min
Lab File: VU062068.D
Acq: 02 Dec 2024 11:51

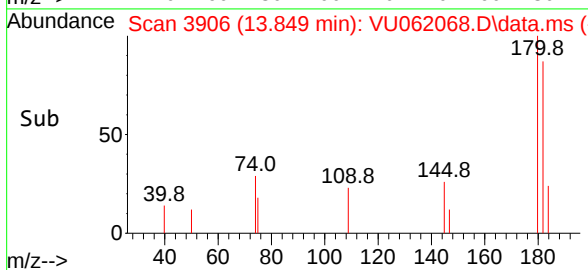
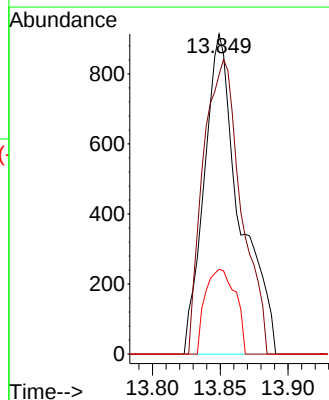
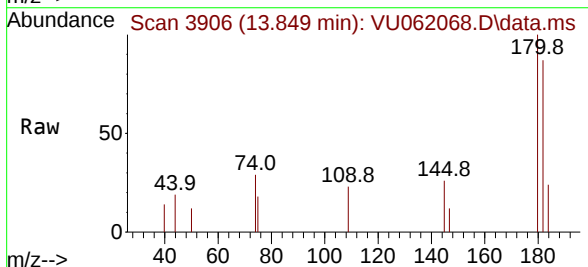
Instrument :
MSVOA_U
ClientSampleId :

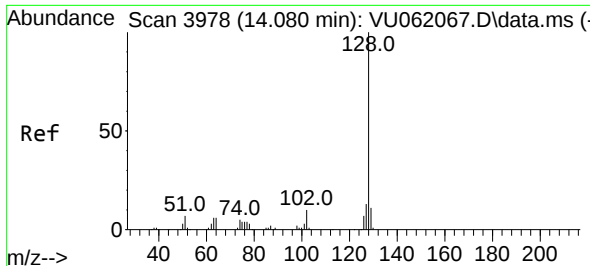
Tgt Ion:105 Resp: 1642
Ion Ratio Lower Upper
105 100
120 35.3 34.7 52.1



#70
1,2,4-trichlorobenzene
Concen: 0.222 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU062068.D
Acq: 02 Dec 2024 11:51

Tgt Ion:180 Resp: 1665
Ion Ratio Lower Upper
180 100
182 98.0 74.5 111.7
145 22.4 25.6 38.4#

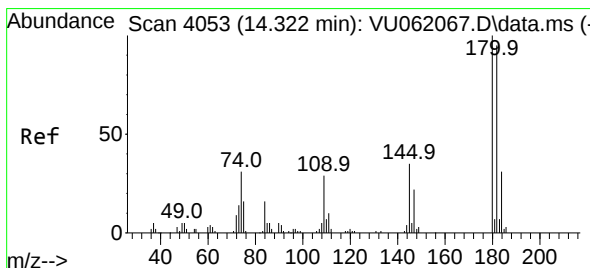
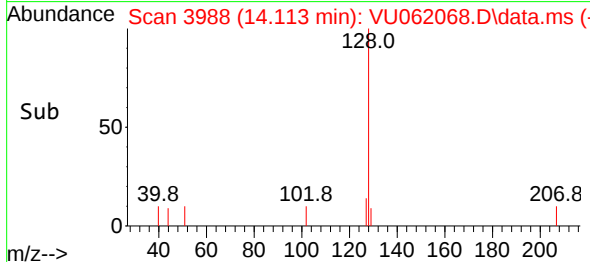
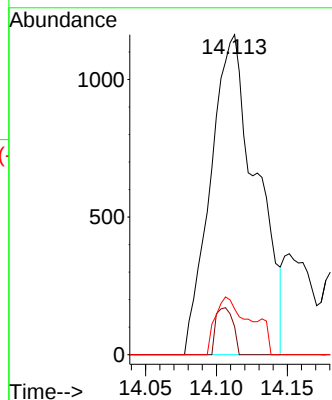
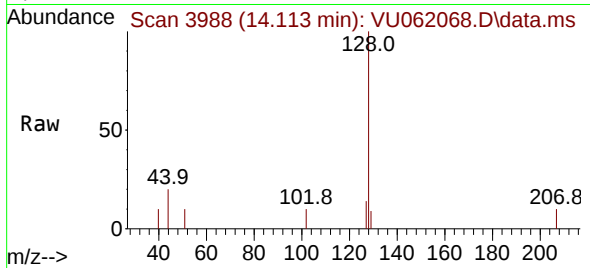




#71
Naphthalene
Concen: 0.217 ug/L
RT: 14.113 min Scan# 3978
Delta R.T. 0.032 min
Lab File: VU062068.D
Acq: 02 Dec 2024 11:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 2621
Ion Ratio Lower Upper
128 100
129 5.4 8.5 12.7#
127 11.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.218 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.010 min
Lab File: VU062068.D
Acq: 02 Dec 2024 11:51

Tgt Ion:180 Resp: 1411
Ion Ratio Lower Upper
180 100
182 101.0 76.1 114.1
145 35.4 27.4 41.0

