

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061685.D
 Acq On : 14 Nov 2024 21:02
 Operator : MD/SY
 Sample : VU1114WBL02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:21:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

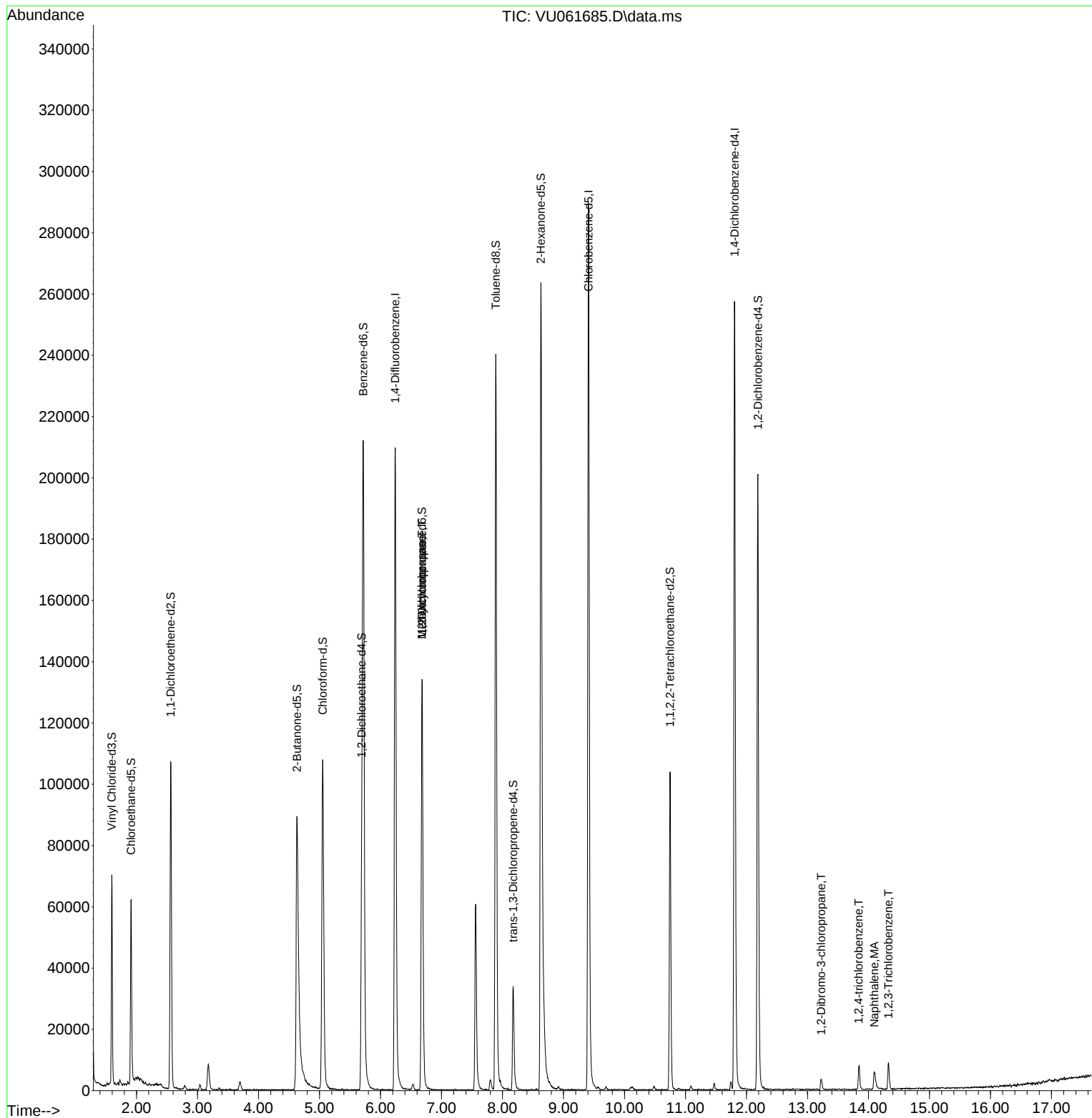
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	185332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48006	4.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.911	69	44203	4.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.560	65	20333	3.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.631	46	128294	50.477	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.960%
24) Chloroform-d	5.052	84	104493	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	55436	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	209311	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.679	67	65809	4.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	171808	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.174	79	20821	4.007	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	105711	51.482	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52662	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	56416	4.299	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
35) Methylcyclohexane	6.679	83	14945	0.701	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6723	0.506	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	13.225	75	140	0.116	ug/L #	3
70) 1,2,4-trichlorobenzene	13.839	180	3248	0.256	ug/L #	94
71) Naphthalene	14.097	128	8571	0.471	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.325	180	3386	0.318	ug/L	93

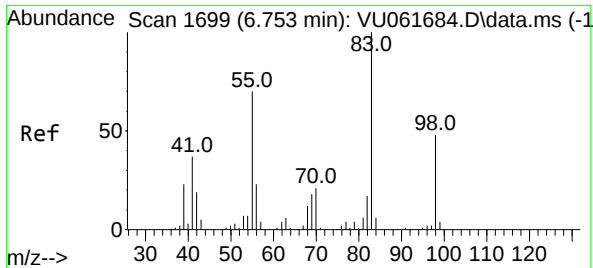
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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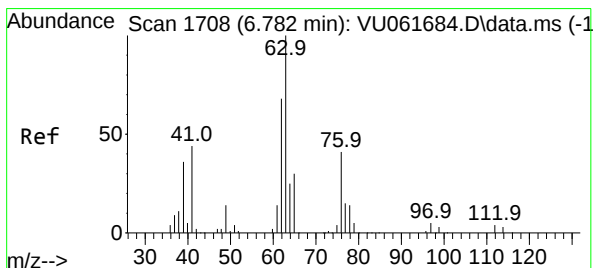
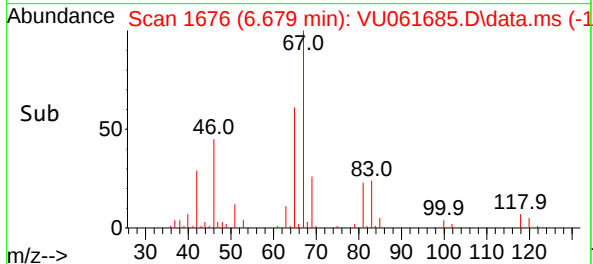
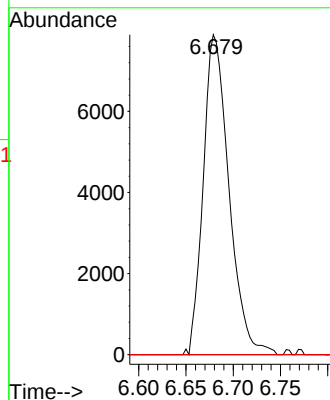
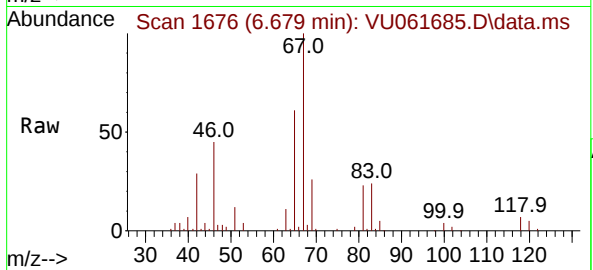




#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061685.D
Acq: 14 Nov 2024 21:02

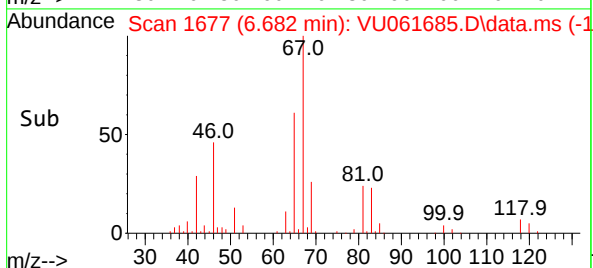
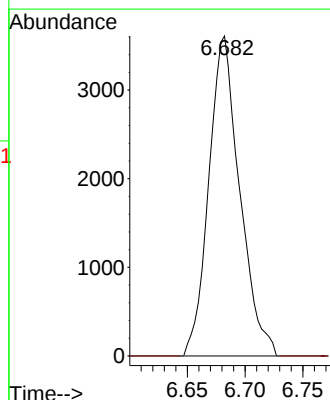
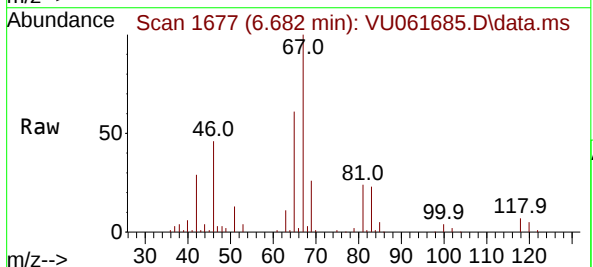
Instrument :
MSVOA_U
ClientSampleId :

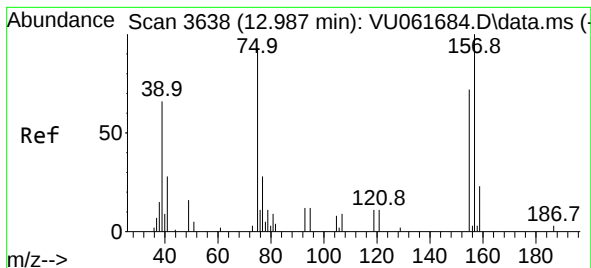
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	0.9	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061685.D
Acq: 14 Nov 2024 21:02

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

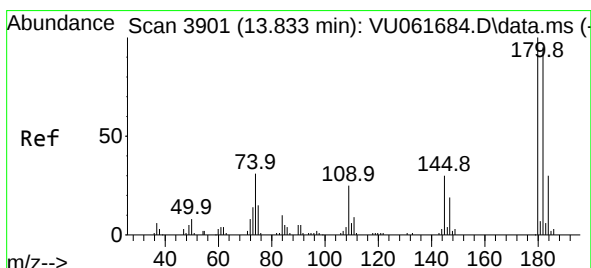
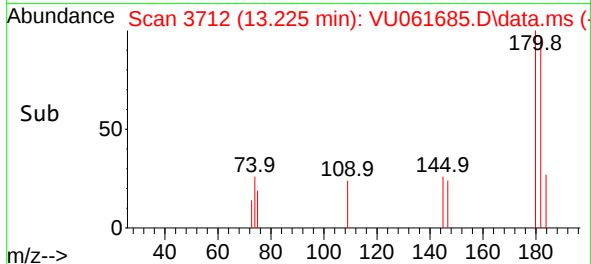
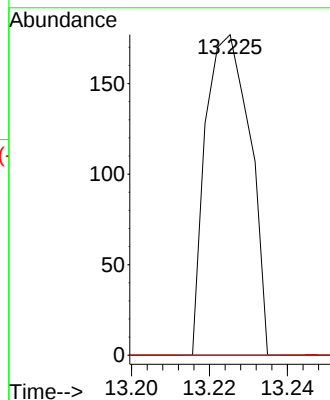
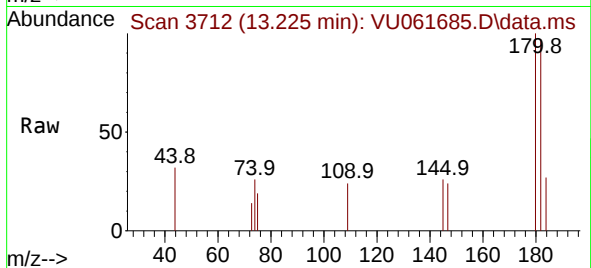




#68
1,2-Dibromo-3-chloropropane
Concen: 0.116 ug/L
RT: 13.225 min Scan# 31
Delta R.T. 0.238 min
Lab File: VU061685.D
Acq: 14 Nov 2024 21:02

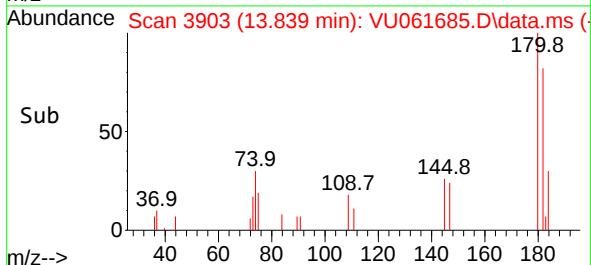
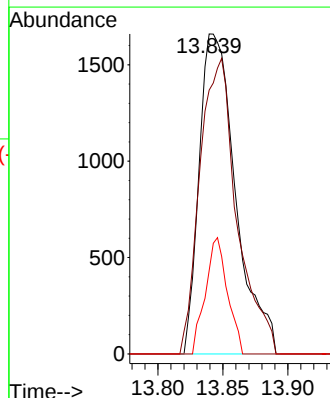
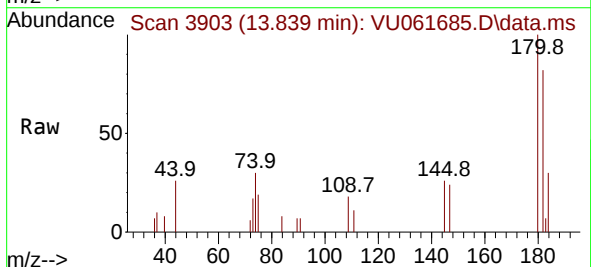
Instrument :
MSVOA_U
ClientSampleId :

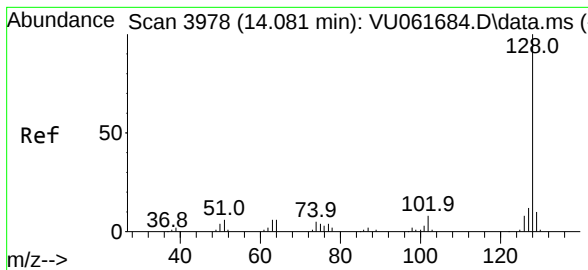
Tgt Ion: 75 Resp: 140
Ion Ratio Lower Upper
75 100
155 0.0 62.6 93.8#
157 0.0 84.9 127.3#



#70
1,2,4-trichlorobenzene
Concen: 0.256 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.006 min
Lab File: VU061685.D
Acq: 14 Nov 2024 21:02

Tgt Ion:180 Resp: 3248
Ion Ratio Lower Upper
180 100
182 93.6 77.4 116.0
145 21.8 24.5 36.7#

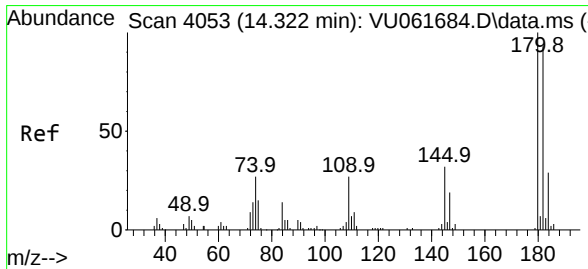
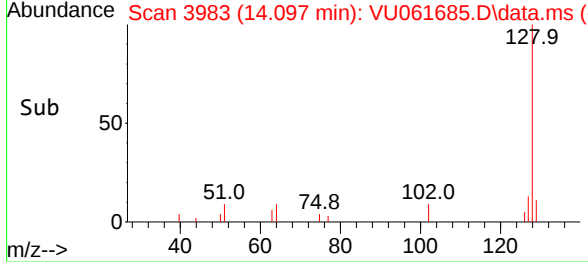
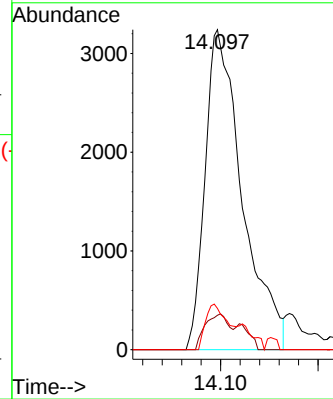
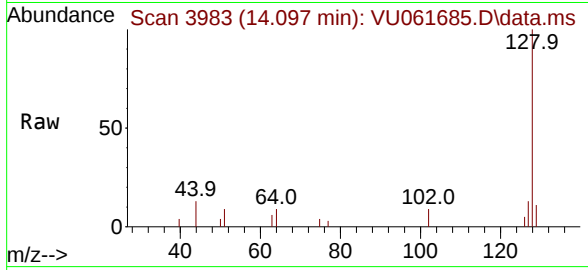




#71
Naphthalene
Concen: 0.471 ug/L
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU061685.D
Acq: 14 Nov 2024 21:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 8571
Ion Ratio Lower Upper
128 100
129 7.3 8.5 12.7#
127 8.6 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.318 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU061685.D
Acq: 14 Nov 2024 21:02

Tgt Ion:180 Resp: 3386
Ion Ratio Lower Upper
180 100
182 103.4 76.6 114.8
145 31.5 26.3 39.5

