

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062845.D
 Acq On : 17 Jan 2025 01:56
 Operator : MD/SY
 Sample : Q1071-09DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ75DL

Quant Time: Jan 17 03:05:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

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

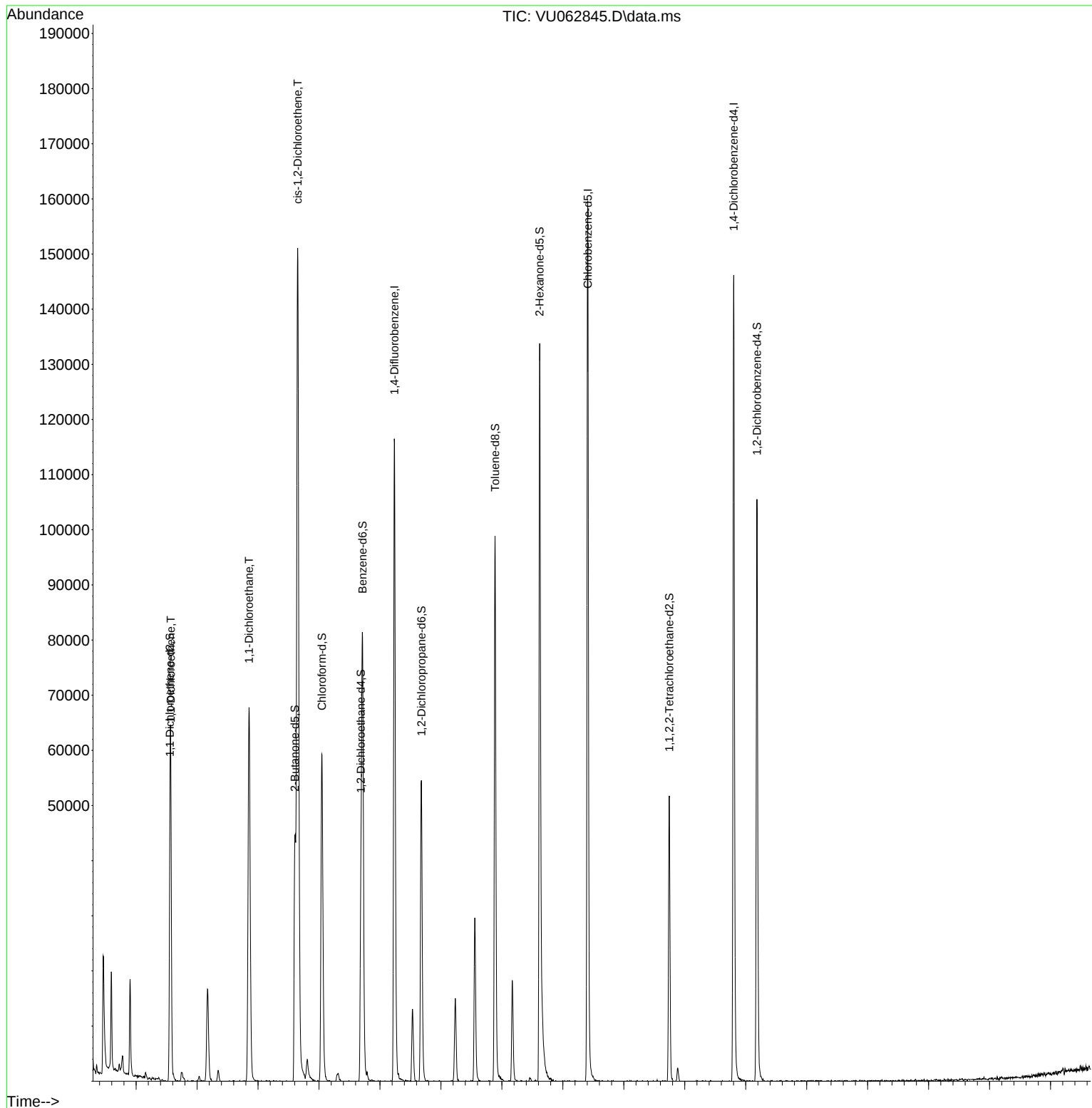
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	96737	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11469	2.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.800%
7) Chloroethane-d5	1.901	69	12640	2.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.600%#
11) 1,1-Dichloroethene-d2	2.554	65	7175	2.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.800%#
20) 2-Butanone-d5	4.605	46	59308	54.162	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.320%
24) Chloroform-d	5.049	84	50981	3.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.689	65	30727	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.714	84	76167	3.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.400%#
36) 1,2-Dichloropropane-d6	6.679	67	23091	3.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.888	98	67364	3.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.200%#
43) trans-1,3-Dichloroprop...	8.171	79	11836	3.849	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.618	63	46083	47.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24738	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	30330	4.362	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	13968	2.326	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	962	0.150	ug/L #	81
19) 1,1-Dichloroethane	3.853	63	76956	6.690	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	81481	11.630	ug/L	96
34) Trichloroethene	6.534	95	4811	0.539	ug/L	95

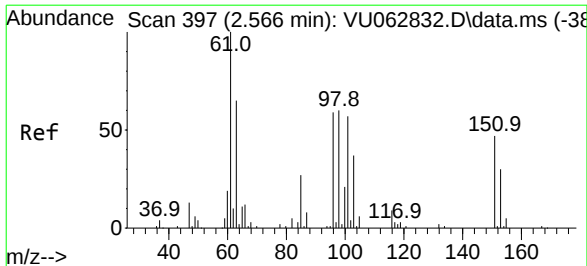
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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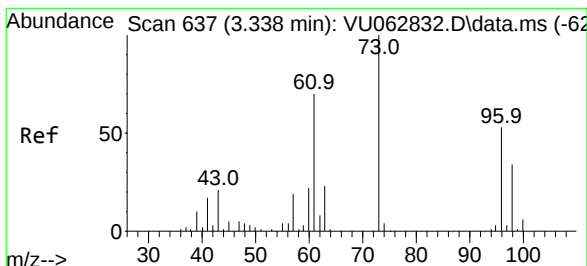
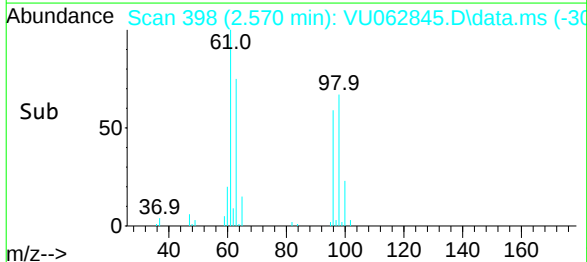
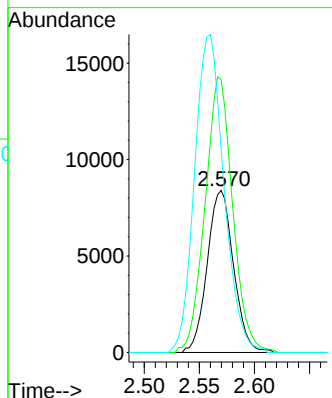
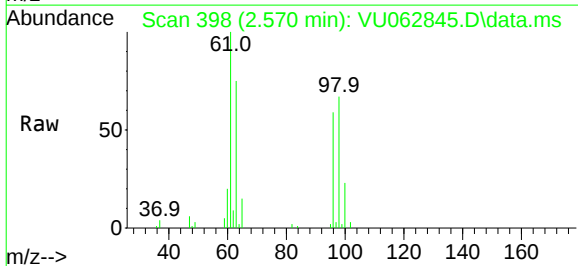




#12
1,1-Dichloroethene
Concen: 2.326 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU062845.D
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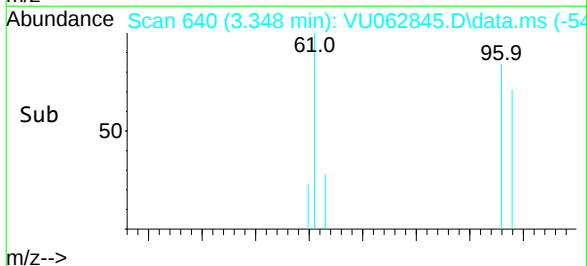
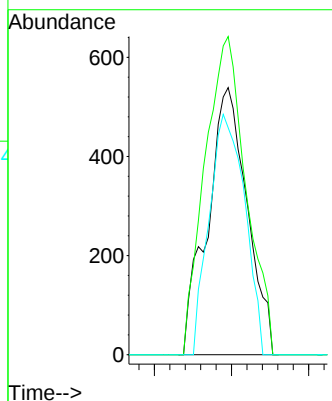
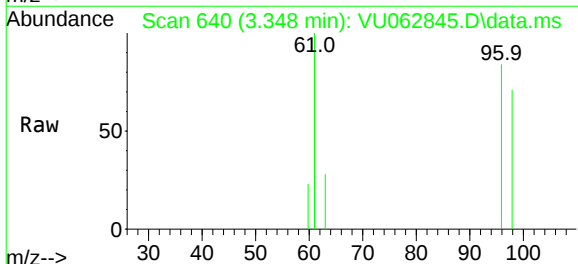
Instrument :
MSVOA_U
ClientSampleId :
GCQ75DL

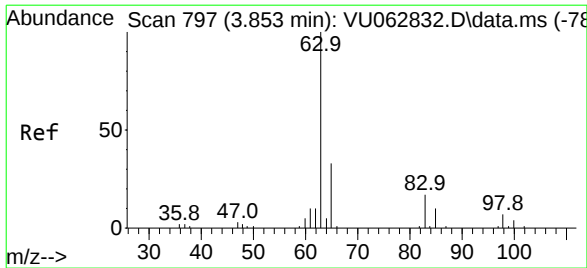
Tgt Ion: 96 Resp: 13968
Ion Ratio Lower Upper
96 100
61 168.5 120.4 223.6
63 125.8 82.3 152.9



#18
trans-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU062845.D
Acq: 17 Jan 2025 01:56

Tgt Ion: 96 Resp: 962
Ion Ratio Lower Upper
96 100
61 119.1 94.4 175.2
98 85.0 42.8 79.4#

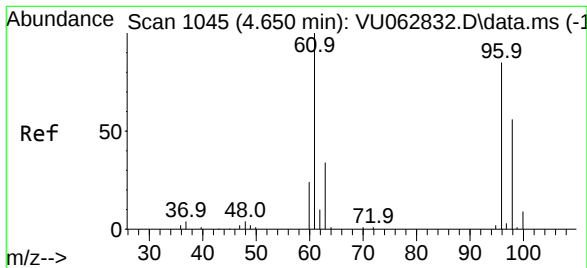
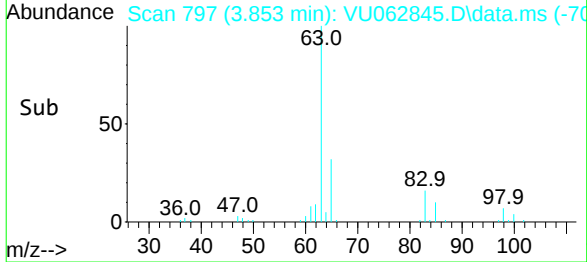
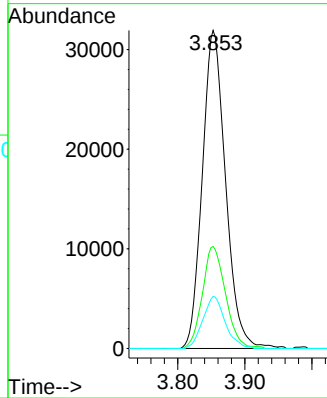
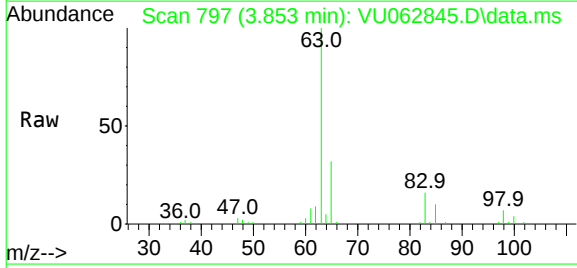




#19
1,1-Dichloroethane
Concen: 6.690 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062845.D
Acq: 17 Jan 2025 01:56

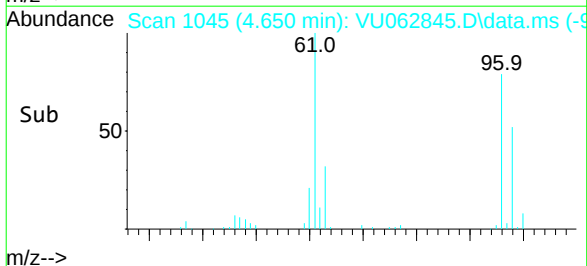
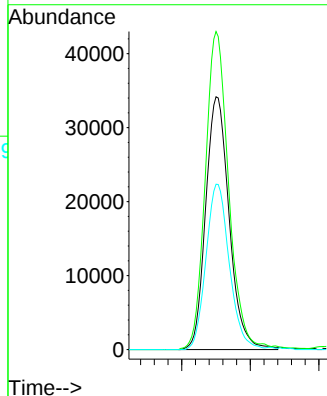
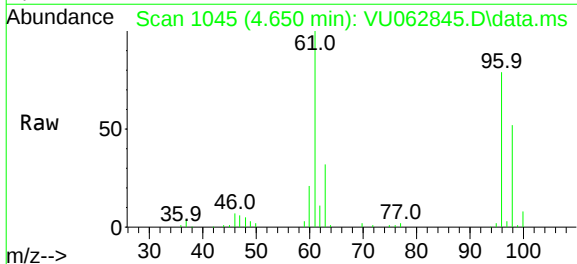
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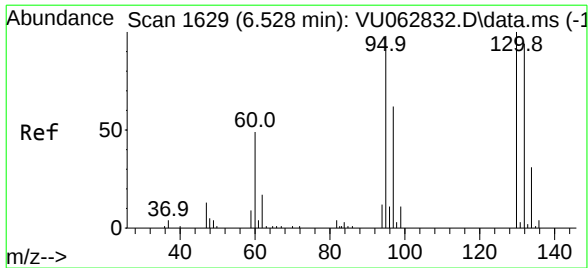
Tgt Ion:	63	Resp:	76956
Ion	Ratio	Lower	Upper
63	100		
65	32.1	20.7	38.5
83	16.4	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 11.630 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU062845.D
Acq: 17 Jan 2025 01:56

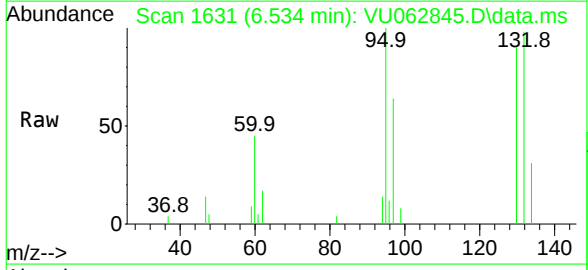
Tgt Ion:	96	Resp:	81481
Ion	Ratio	Lower	Upper
96	100		
61	125.8	84.8	157.6
98	65.4	43.1	80.1





#34
 Trichloroethene
 Concen: 0.539 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.007 min
 Lab File: VU062845.D
 Acq: 17 Jan 2025 01:56

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ75DL



Tgt Ion:	95	Resp:	4811
Ion	Ratio	Lower	Upper
95	100		
97	63.5	47.5	88.3
132	98.1	66.9	124.3
130	90.1	68.6	127.4

