

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062849.D
 Acq On : 17 Jan 2025 03:34
 Operator : MD/SY
 Sample : Q1071-15DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ79DL

Quant Time: Jan 17 03:51:16 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)

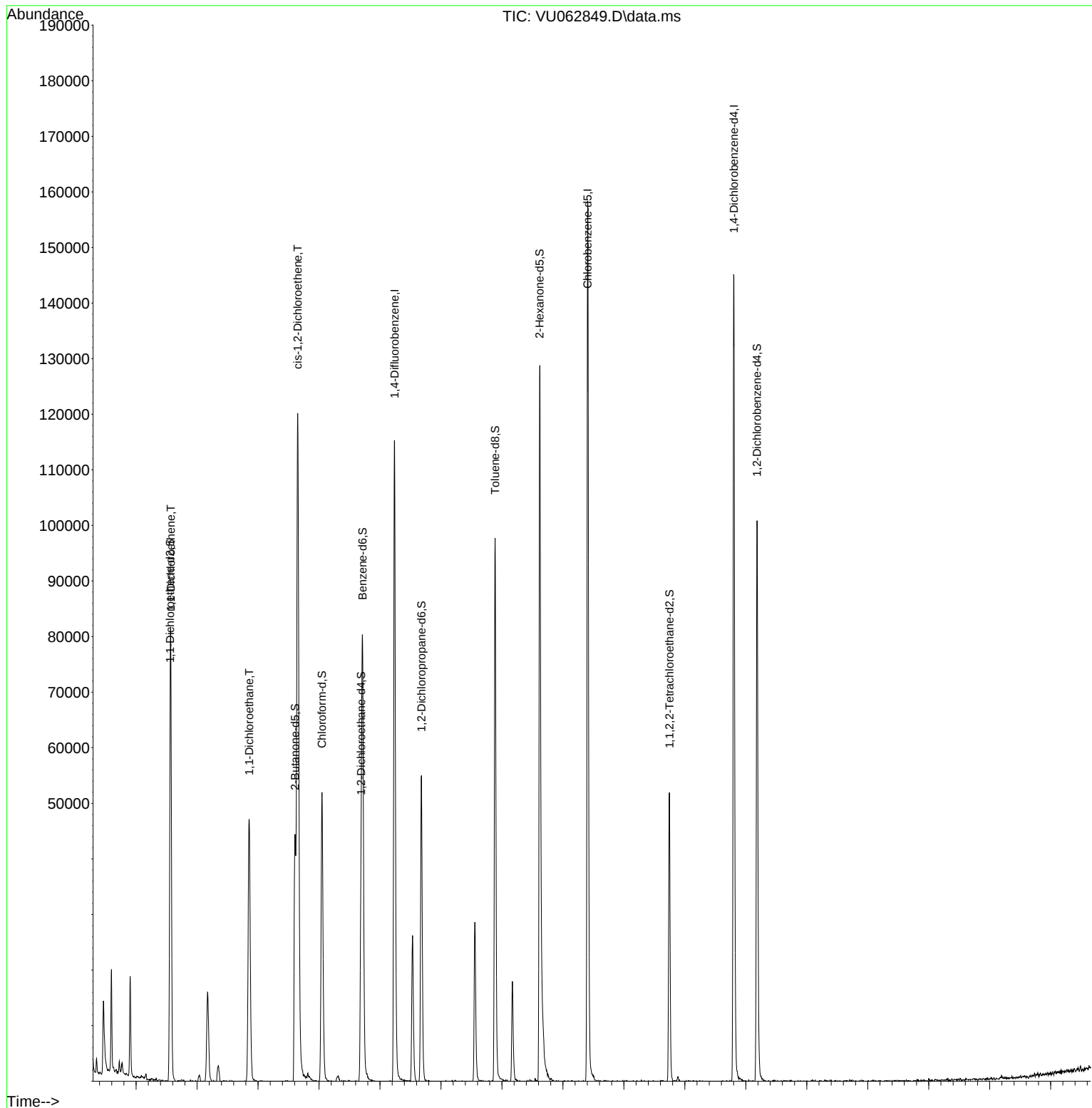
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96356	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	90329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	10702	2.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	40.200%
7) Chloroethane-d5	1.901	69	12637	2.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.800%#
11) 1,1-Dichloroethene-d2	2.557	65	6844	2.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.600%#
20) 2-Butanone-d5	4.605	46	59467	54.522	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.040%
24) Chloroform-d	5.049	84	50020	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	5.689	65	30429	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.715	84	74261	3.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.200%#
36) 1,2-Dichloropropane-d6	6.679	67	23280	3.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.888	98	68304	3.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	8.171	79	11447	3.751	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.618	63	46019	47.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	24087	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	30827	4.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	21314	3.563	ug/L	89
18) trans-1,2-Dichloroethene	3.351	96	1437	0.224	ug/L	92
19) 1,1-Dichloroethane	3.853	63	53346	4.656	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	65425	9.375	ug/L	98
34) Trichloroethene	6.535	95	9393	1.059	ug/L	98

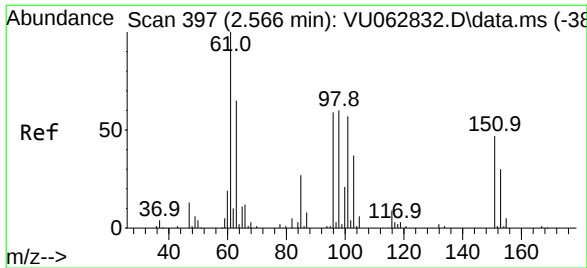
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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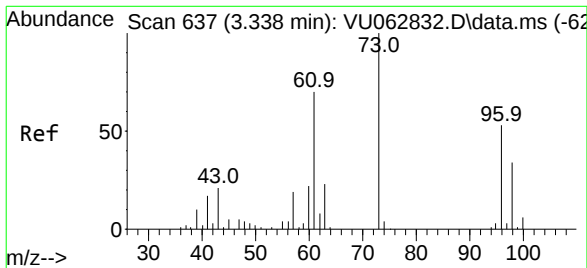
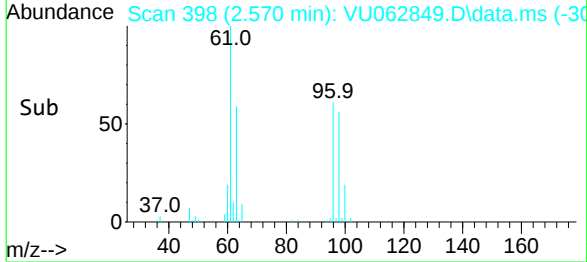
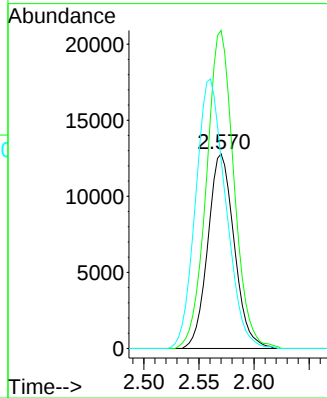
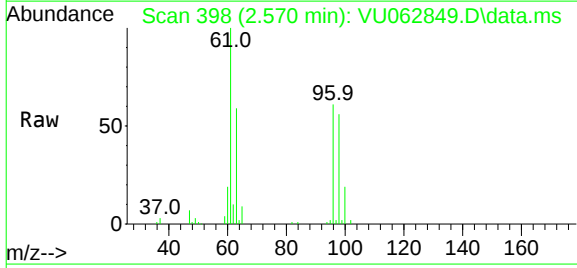




#12
1,1-Dichloroethene
Concen: 3.563 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.004 min
Lab File: VU062849.D
Acq: 17 Jan 2025 03:34

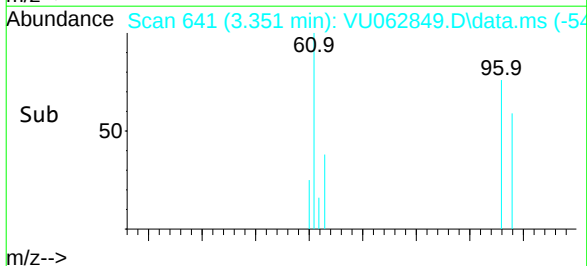
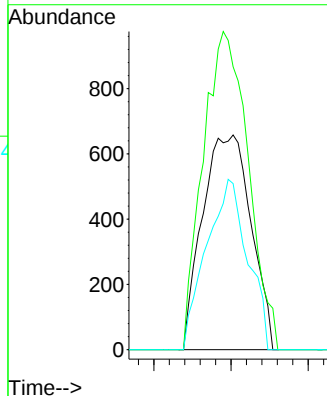
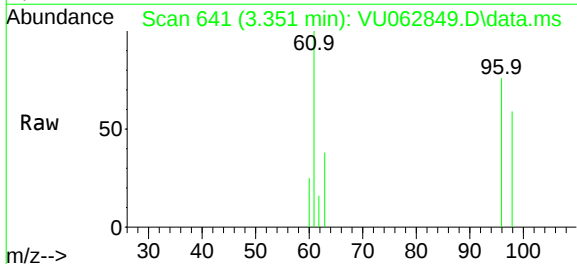
Instrument :
MSVOA_U
ClientSampleId :
GCQ79DL

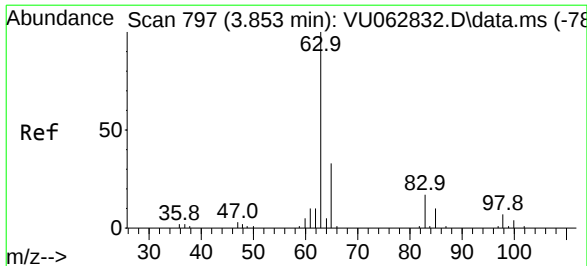
Tgt Ion: 96 Resp: 21314
Ion Ratio Lower Upper
96 100
61 163.4 120.4 223.6
63 97.1 82.3 152.9



#18
trans-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.013 min
Lab File: VU062849.D
Acq: 17 Jan 2025 03:34

Tgt Ion: 96 Resp: 1437
Ion Ratio Lower Upper
96 100
61 131.8 94.4 175.2
98 77.4 42.8 79.4

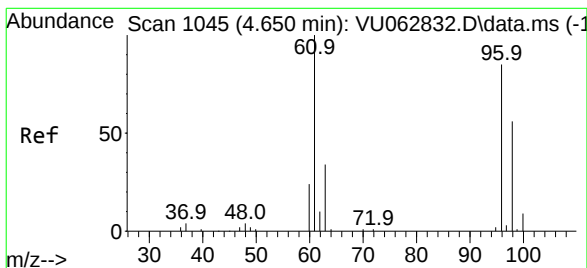
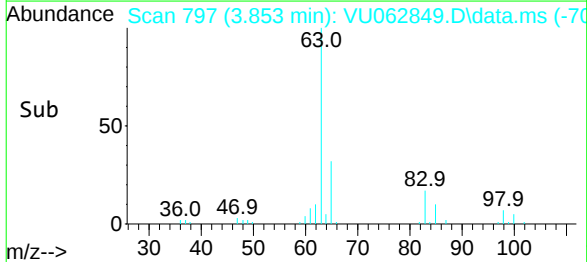
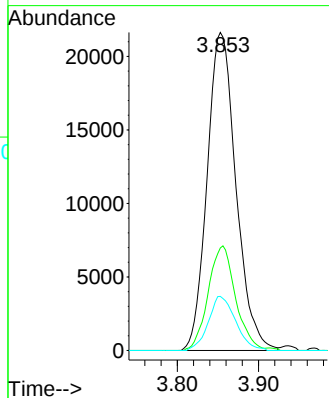
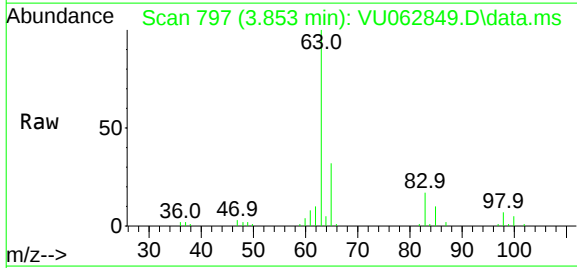




#19
1,1-Dichloroethane
Concen: 4.656 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062849.D
Acq: 17 Jan 2025 03:34

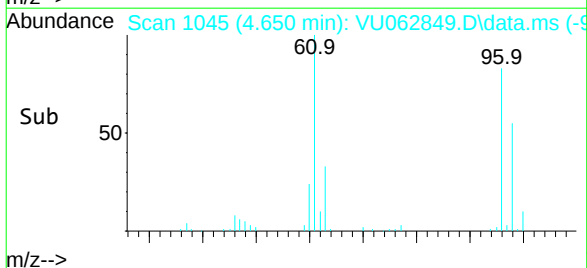
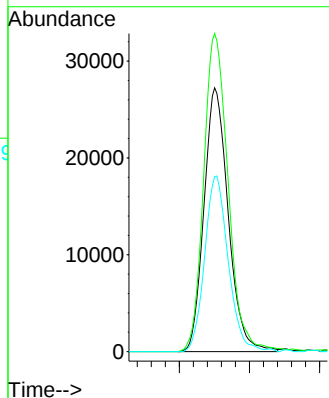
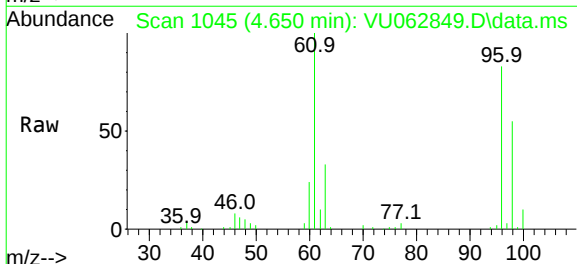
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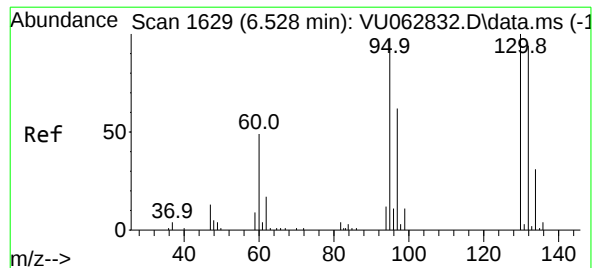
Tgt Ion:	63	Resp:	53346
Ion	Ratio	Lower	Upper
63	100		
65	32.2	20.7	38.5
83	17.0	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 9.375 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU062849.D
Acq: 17 Jan 2025 03:34

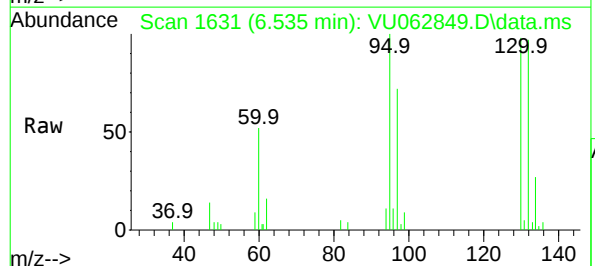
Tgt Ion:	96	Resp:	65425
Ion	Ratio	Lower	Upper
96	100		
61	120.6	84.8	157.6
98	66.3	43.1	80.1





#34
 Trichloroethene
 Concen: 1.059 ug/L
 RT: 6.535 min Scan# 16
 Delta R.T. 0.007 min
 Lab File: VU062849.D
 Acq: 17 Jan 2025 03:34

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	95	Resp:	9393
Ion	Ratio	Lower	Upper
95	100		
97	71.8	47.5	88.3
132	97.2	66.9	124.3
130	98.4	68.6	127.4

