

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062761.D
 Acq On : 15 Jan 2025 12:50
 Operator : MD/SY
 Sample : Q1059-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z5

Quant Time: Jan 16 00:46:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

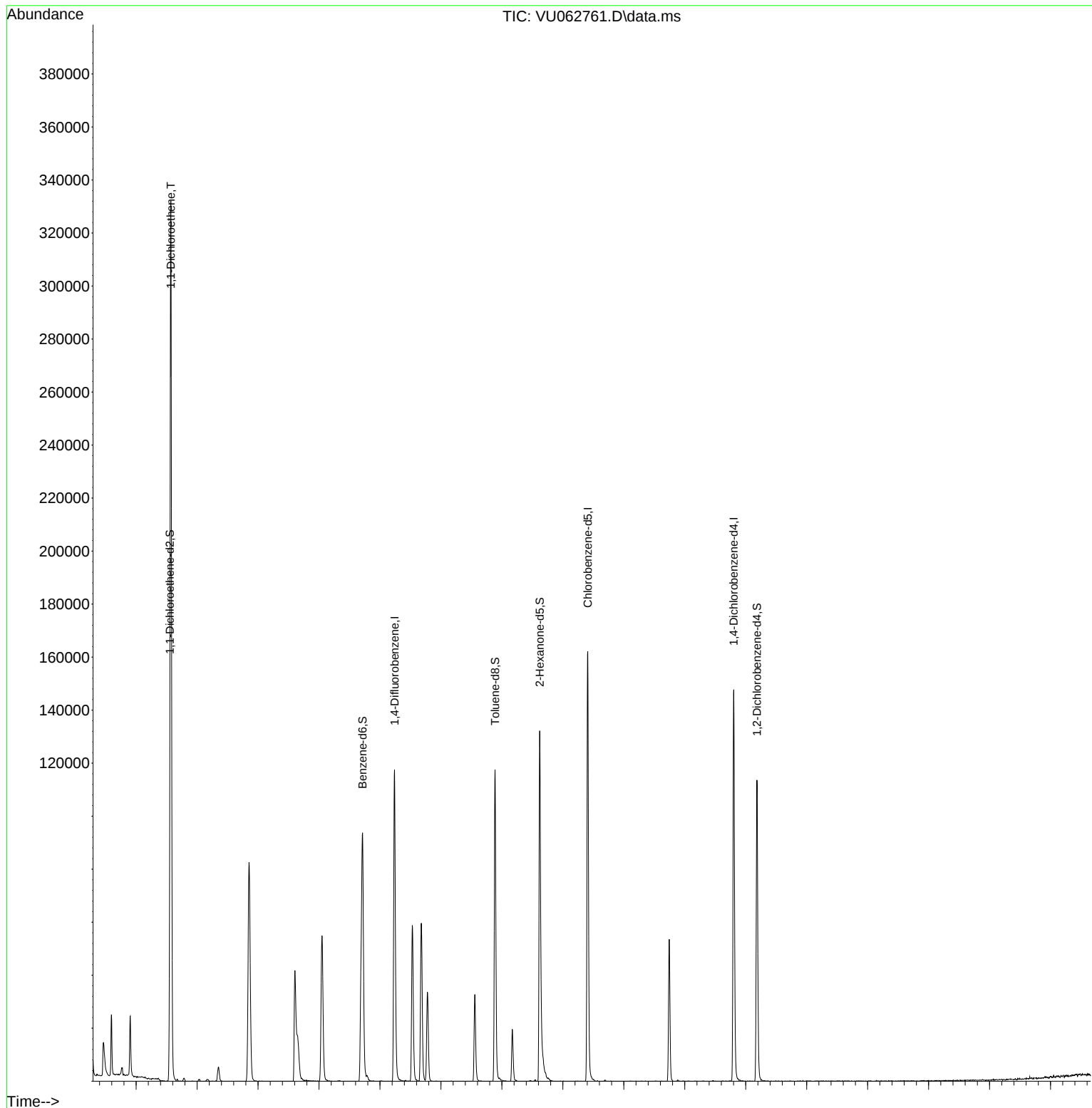
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97153	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15672	2.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.901	69	16327	3.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.554	65	9471	3.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.605	46	57117	51.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	5.049	84	55415	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.688	65	31986	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.714	84	88256	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.679	67	26368	4.289	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.888	98	81258	3.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.171	79	13144	4.289	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.621	63	47118	48.887	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24799	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	33078	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	108063	17.918	ug/L #	76
17) Methyl tert-butyl Ether	3.354	73	4365	0.263	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	974	0.151	ug/L	80
19) 1,1-Dichloroethane	3.853	63	92274	7.987	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	6836	0.972	ug/L	98
34) Trichloroethene	6.531	95	20957	2.354	ug/L	98
37) 1,2-Dichloropropane	6.778	63	11851	1.928	ug/L	99

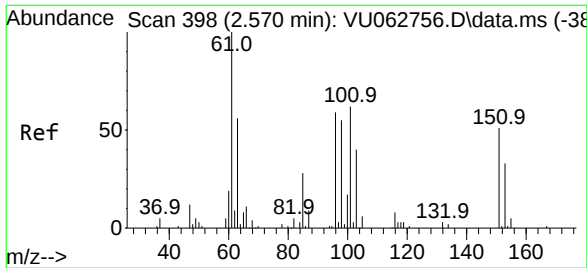
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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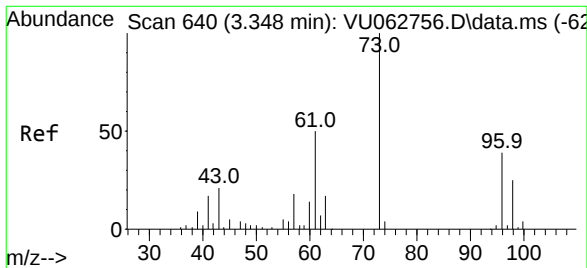
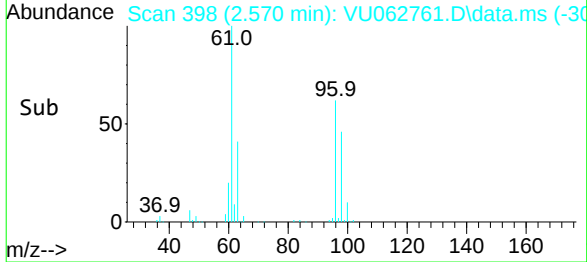
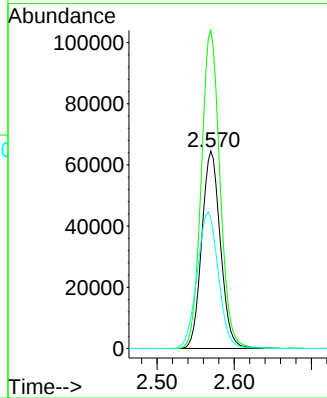
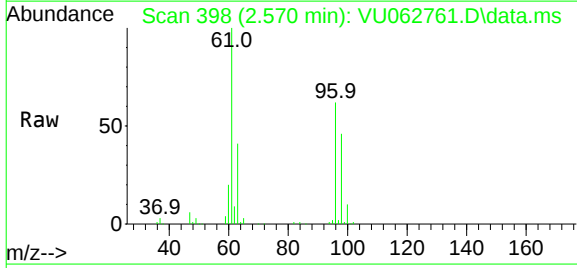




#12
1,1-Dichloroethene
Concen: 17.918 ug/L
RT: 2.570 min Scan# 39
Delta R.T. -0.000 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

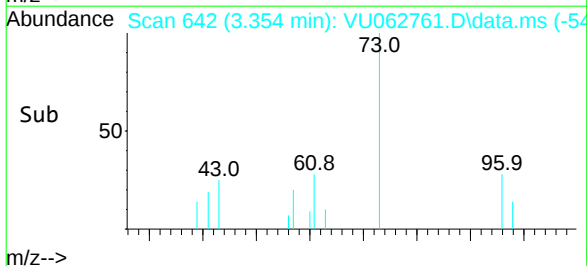
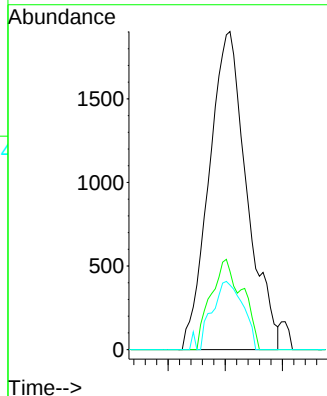
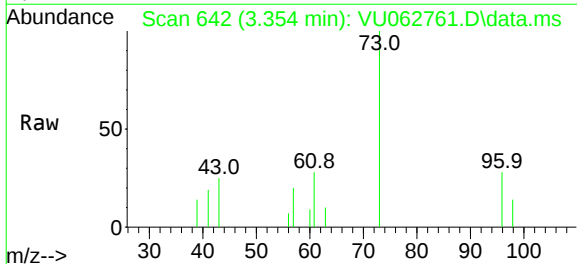
Instrument :
MSVOA_U
ClientSampleId :
BH8Z5

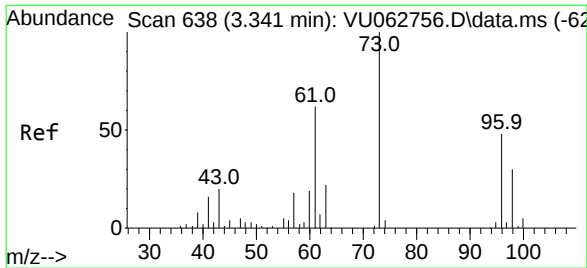
Tgt Ion: 96 Resp: 108063
Ion Ratio Lower Upper
96 100
61 161.1 120.4 223.6
63 65.9 82.3 152.9#



#17
Methyl tert-butyl Ether
Concen: 0.263 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

Tgt Ion: 73 Resp: 4365
Ion Ratio Lower Upper
73 100
43 23.8 16.2 24.4
57 17.3 14.6 22.0

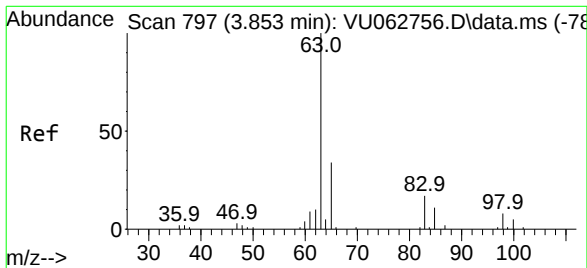
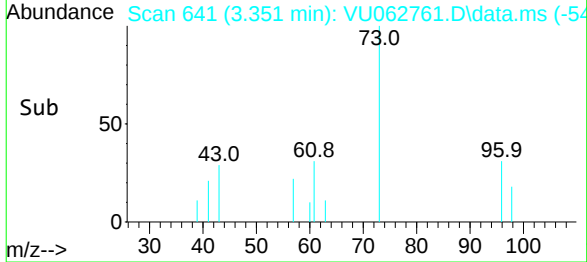
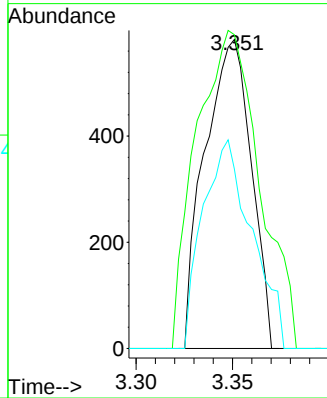
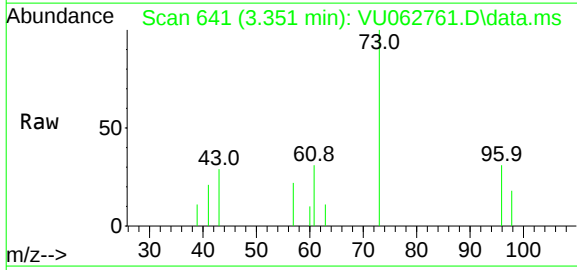




#18
trans-1,2-Dichloroethene
Concen: 0.151 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.009 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

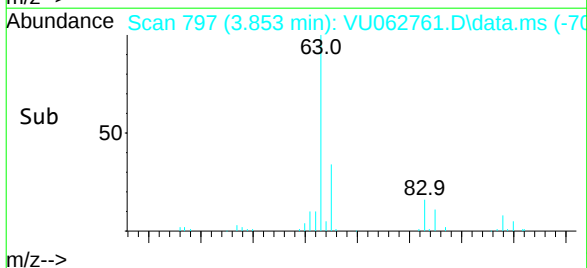
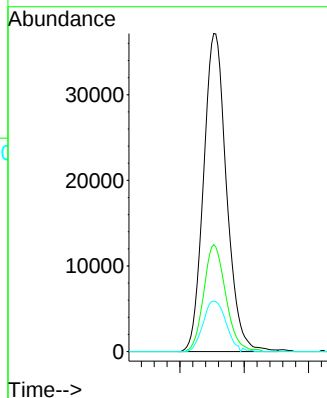
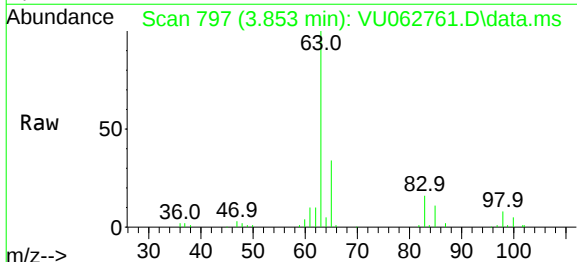
Instrument :
MSVOA_U
ClientSampleId :
BH8Z5

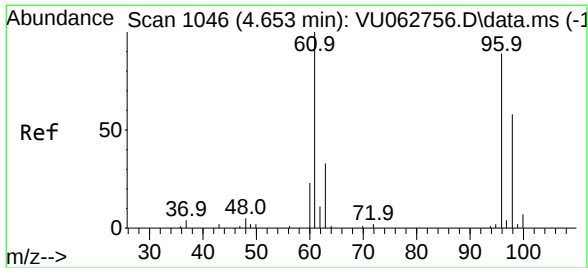
Tgt Ion:	96	Resp:	974
Ion	Ratio	Lower	Upper
96	100		
61	101.5	94.4	175.2
98	58.1	42.8	79.4



#19
1,1-Dichloroethane
Concen: 7.987 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

Tgt Ion:	63	Resp:	92274
Ion	Ratio	Lower	Upper
63	100		
65	33.6	20.7	38.5
83	15.9	10.5	19.5

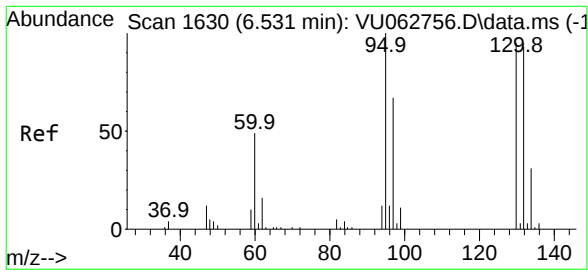
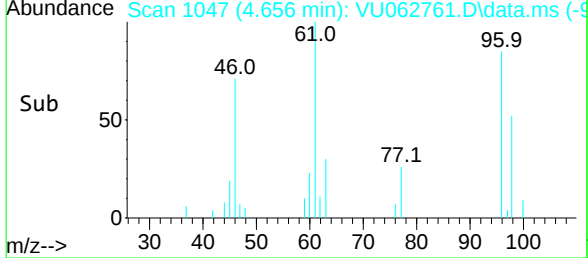
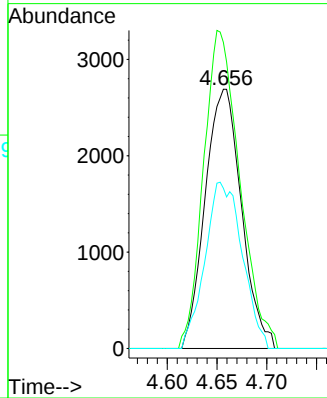
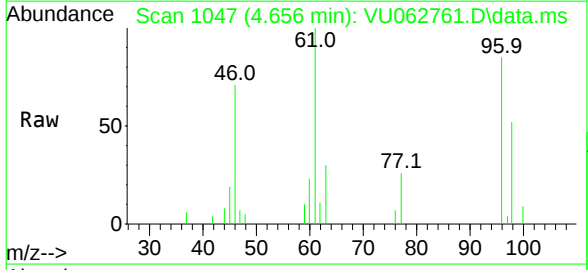




#22
 cis-1,2-Dichloroethene
 Concen: 0.972 ug/L
 RT: 4.656 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU062761.D
 Acq: 15 Jan 2025 12:50

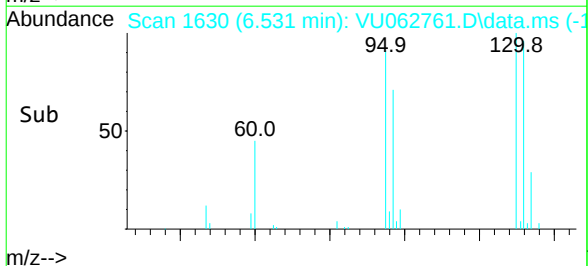
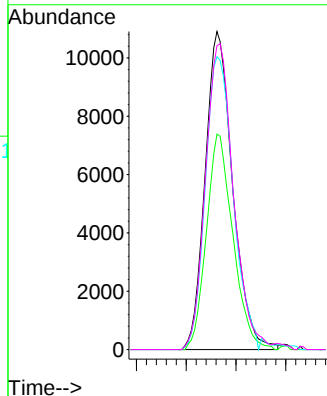
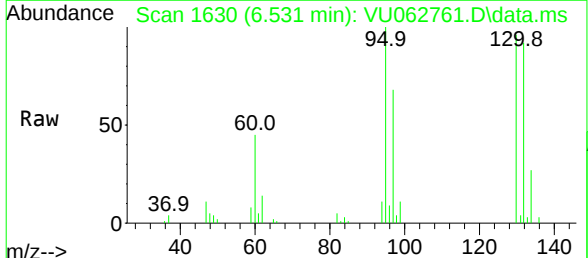
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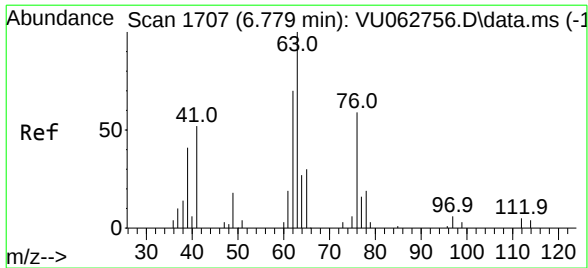
Tgt Ion: 96	Resp: 6836
Ion Ratio	Lower Upper
96 100	
61 118.1	84.8 157.6
98 61.8	43.1 80.1



#34
 Trichloroethene
 Concen: 2.354 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062761.D
 Acq: 15 Jan 2025 12:50

Tgt Ion: 95	Resp: 20957
Ion Ratio	Lower Upper
95 100	
97 67.7	47.5 88.3
132 92.1	66.9 124.3
130 95.5	68.6 127.4





#37
1,2-Dichloropropane
Concen: 1.928 ug/L
RT: 6.778 min Scan# 17
Delta R.T. -0.000 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 63 Resp: 11851
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8

