

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062800.D
 Acq On : 16 Jan 2025 05:44
 Operator : MD/SY
 Sample : Q1071-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77

Quant Time: Jan 16 06:27:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

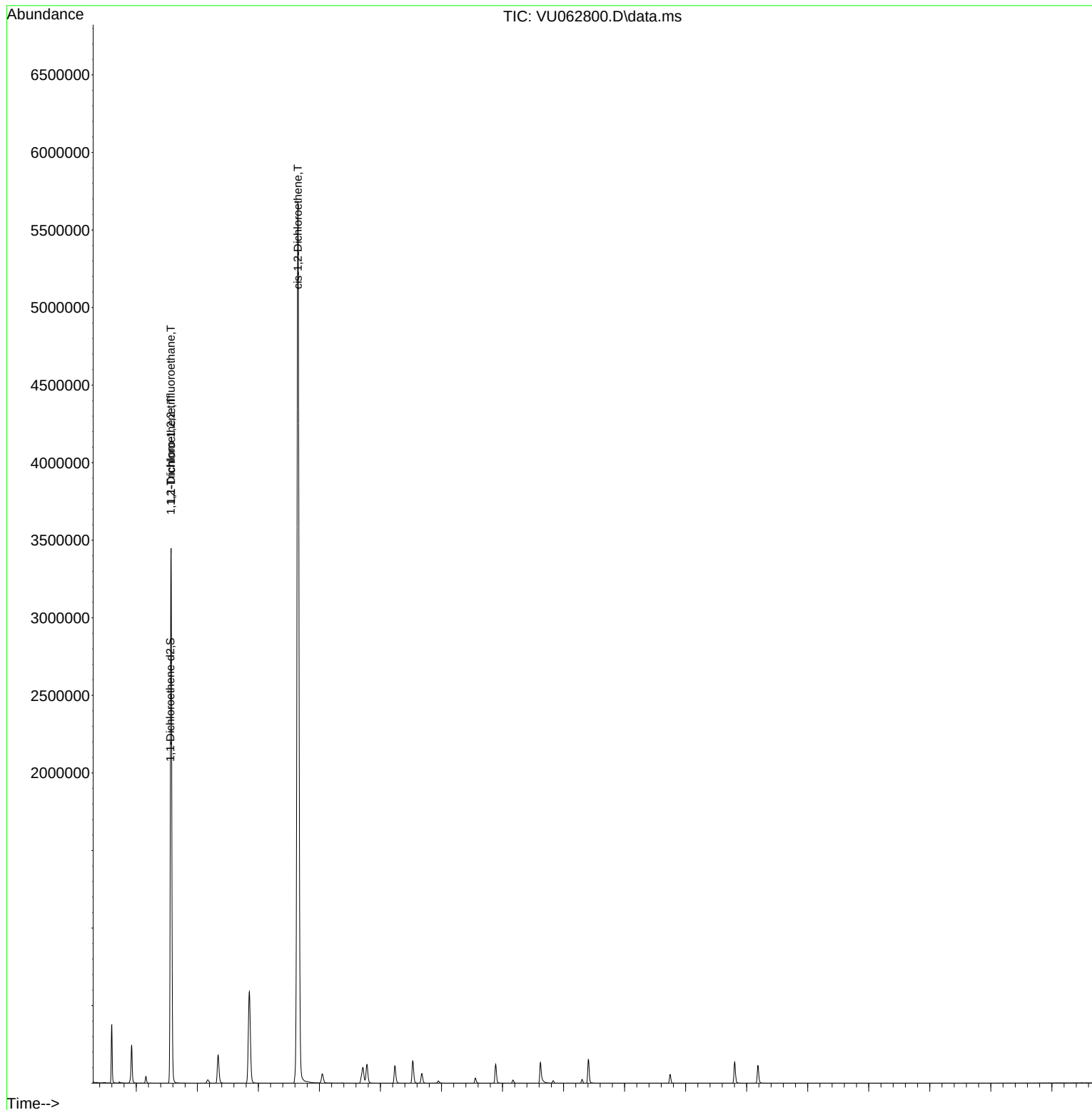
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	87251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	16638	3.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.901	69	16430	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.557	65	9627	3.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.605	46	62542	59.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.160%
24) Chloroform-d	5.046	84	57998	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.689	65	33771	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.715	84	93900	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.679	67	27359	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.888	98	84421	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.171	79	12723	4.316	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.621	63	46362	50.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26278	5.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	33460	4.986	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds	Qvalue					
5) Vinyl chloride	1.599	62	44256	6.629	ug/L	98
8) Chloroethane	1.924	64	154644	38.554	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	3034	0.466	ug/L #	28
12) 1,1-Dichloroethene	2.570	96	1163208	202.048	ug/L #	73
18) trans-1,2-Dichloroethene	3.342	96	79496	12.889	ug/L	98
19) 1,1-Dichloroethane	3.853	63	649391	58.886	ug/L	96
22) cis-1,2-Dichloroethene	4.647	96	3074648	457.751	ug/L	97
27) 1,2-Dichloroethane	5.779	62	107616	12.127	ug/L	98
34) Trichloroethene	6.531	95	51645	6.031	ug/L	97

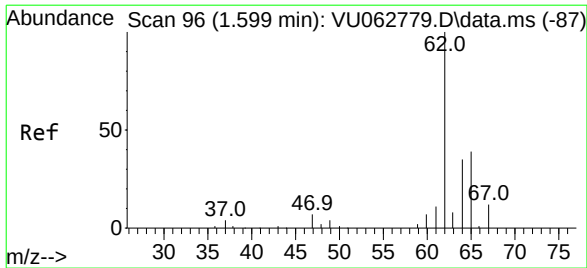
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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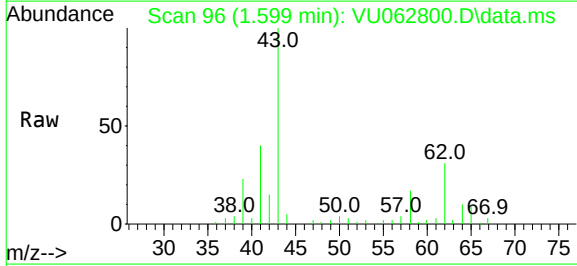
Quant Time: Jan 16 06:27:47 2025
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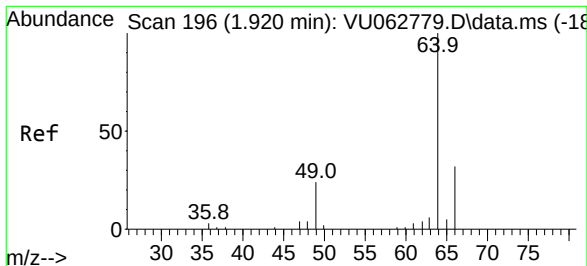
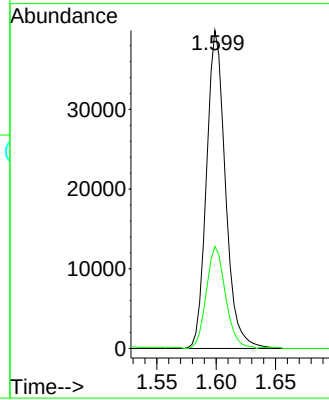
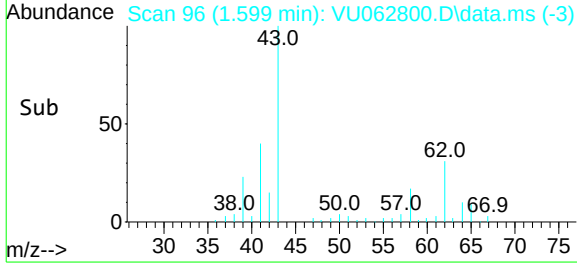


#5
 Vinyl chloride
 Concen: 6.629 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062800.D
 Acq: 16 Jan 2025 05:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77

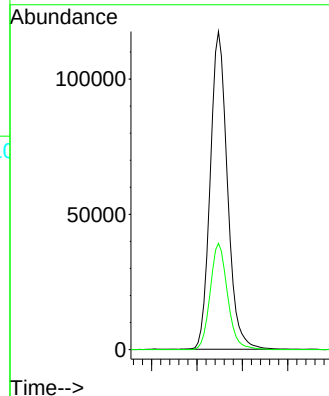
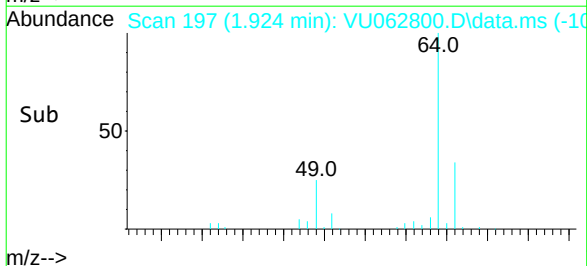
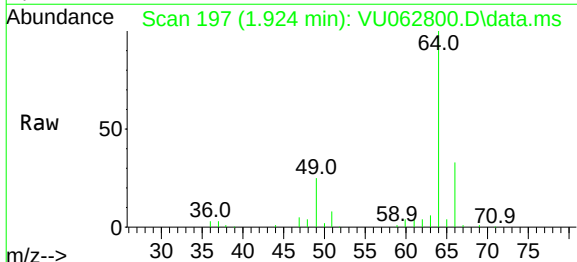


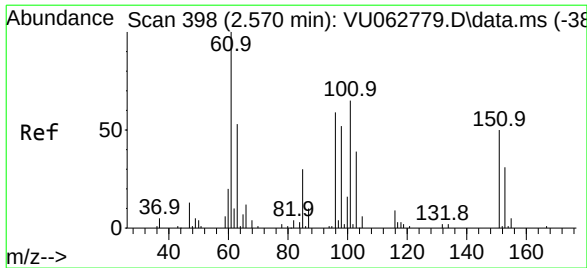
Tgt Ion: 62 Resp: 44256
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.4



#8
 Chloroethane
 Concen: 38.554 ug/L
 RT: 1.924 min Scan# 197
 Delta R.T. 0.003 min
 Lab File: VU062800.D
 Acq: 16 Jan 2025 05:44

Tgt Ion: 64 Resp: 154644
 Ion Ratio Lower Upper
 64 100
 66 33.4 21.6 40.2

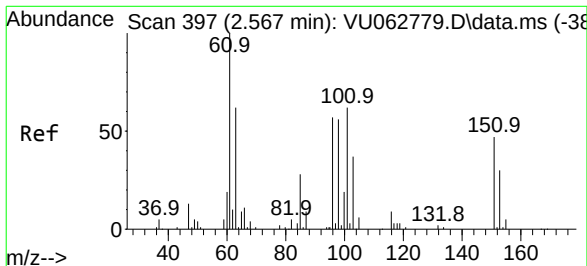
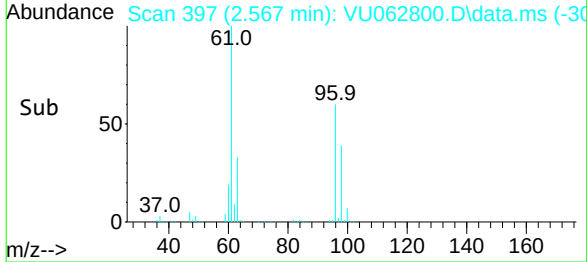
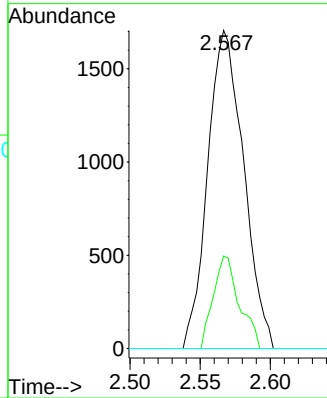
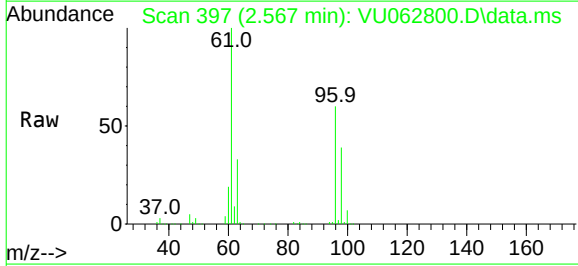




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.466 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

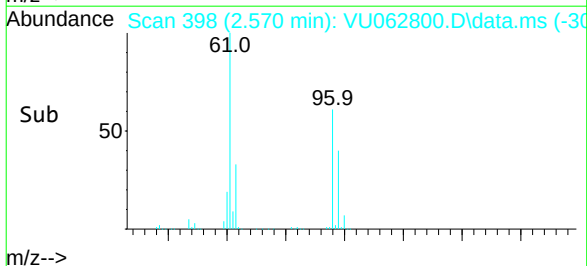
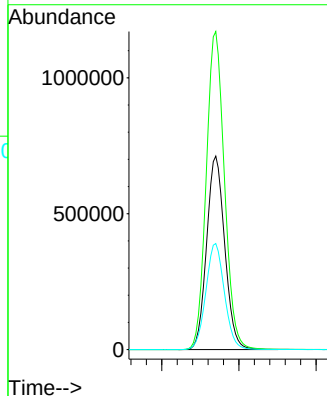
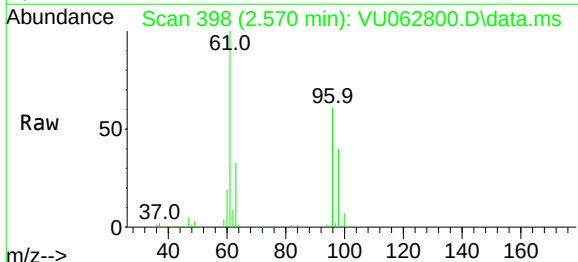
Instrument :
MSVOA_U
ClientSampleId :
GCQ77

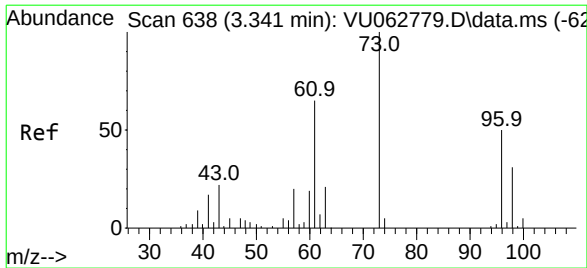
Tgt Ion:101 Resp: 3034
Ion Ratio Lower Upper
101 100
85 21.0 37.0 55.6#
151 0.0 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 202.048 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

Tgt Ion: 96 Resp: 1163208
Ion Ratio Lower Upper
96 100
61 164.4 120.4 223.6
63 54.8 82.3 152.9#

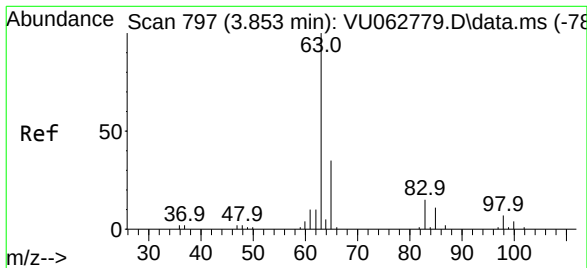
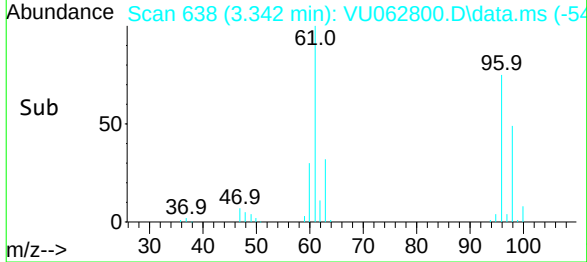
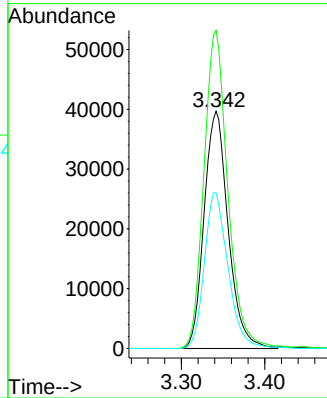
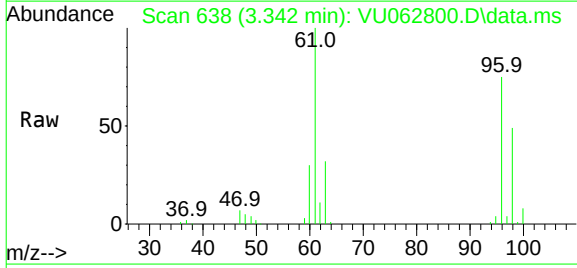




#18
trans-1,2-Dichloroethene
Concen: 12.889 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

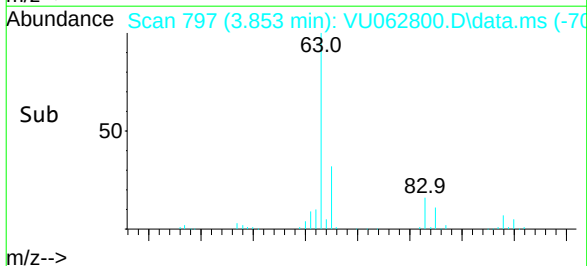
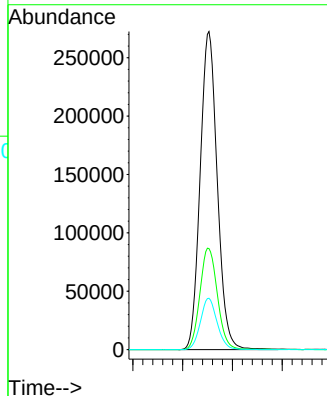
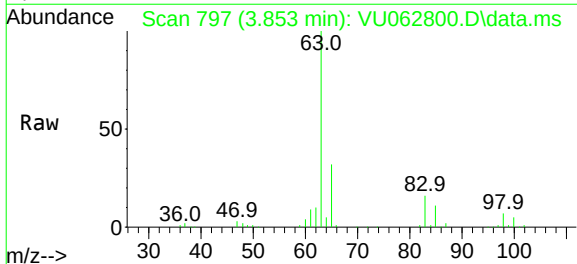
Instrument :
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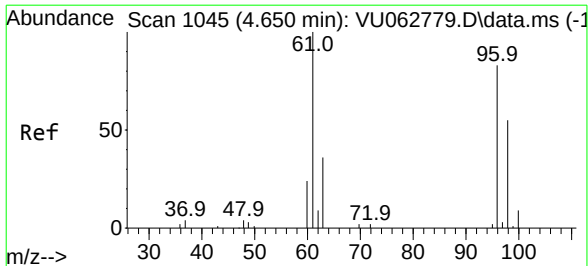
Tgt Ion:	96	Resp:	79496
Ion	Ratio	Lower	Upper
96	100		
61	134.1	94.4	175.2
98	65.7	42.8	79.4



#19
1,1-Dichloroethane
Concen: 58.886 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

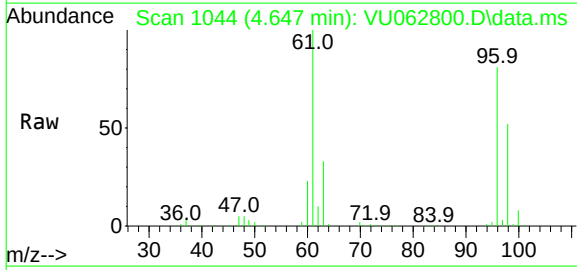
Tgt Ion:	63	Resp:	649391
Ion	Ratio	Lower	Upper
63	100		
65	31.8	20.7	38.5
83	16.1	10.5	19.5





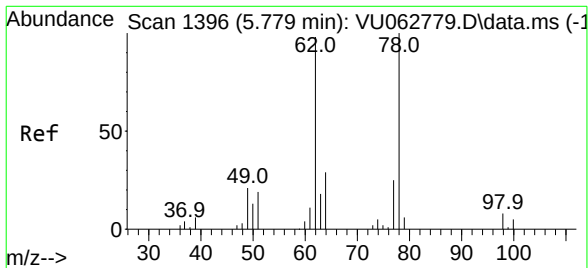
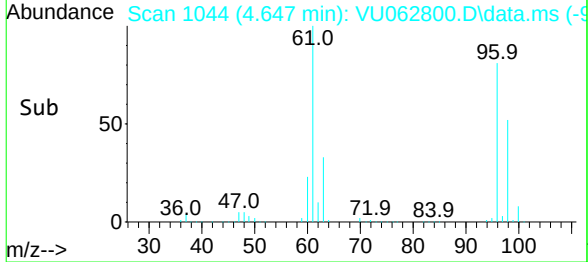
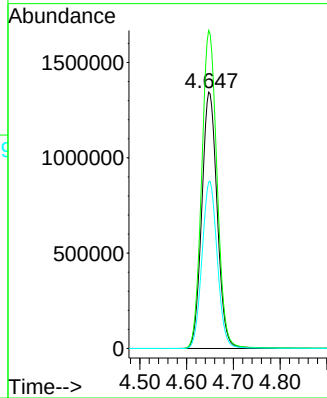
#22
 cis-1,2-Dichloroethene
 Concen: 457.751 ug/L
 RT: 4.647 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062800.D
 Acq: 16 Jan 2025 05:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77



Tgt Ion: 96 Resp: 3074648

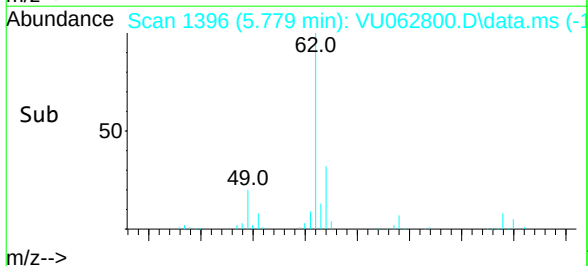
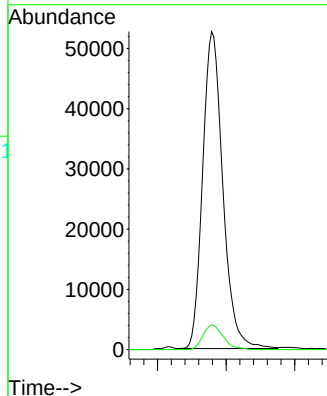
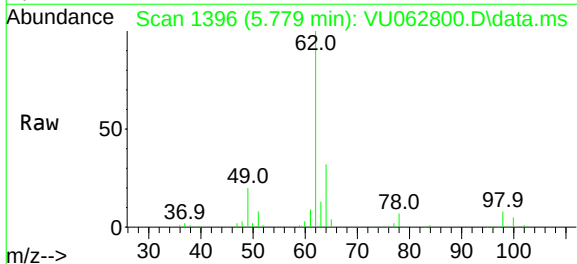
Ion	Ratio	Lower	Upper
96	100		
61	124.1	84.8	157.6
98	64.9	43.1	80.1

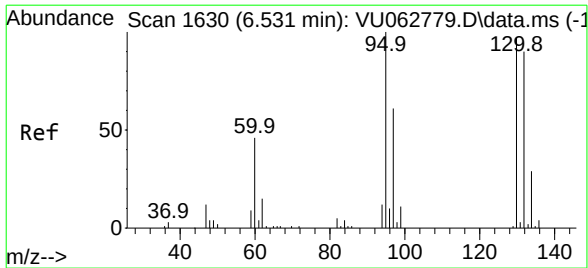


#27
 1,2-Dichloroethane
 Concen: 12.127 ug/L
 RT: 5.779 min Scan# 1396
 Delta R.T. 0.000 min
 Lab File: VU062800.D
 Acq: 16 Jan 2025 05:44

Tgt Ion: 62 Resp: 107616

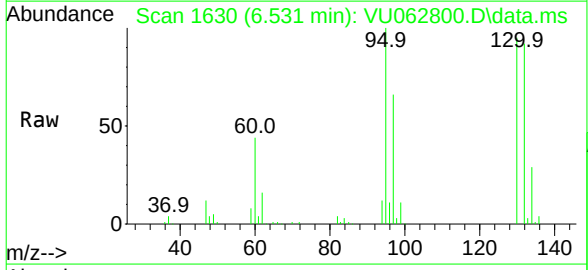
Ion	Ratio	Lower	Upper
62	100		
98	7.7	5.8	8.6





#34
 Trichloroethene
 Concen: 6.031 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VU062800.D
 Acq: 16 Jan 2025 05:44

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	95	Resp:	51645
Ion	Ratio	Lower	Upper
95	100		
97	65.7	47.5	88.3
132	92.5	66.9	124.3
130	95.0	68.6	127.4

