

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062787.D
 Acq On : 16 Jan 2025 00:24
 Operator : MD/SY
 Sample : Q1071-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ79

Quant Time: Jan 16 02:09:36 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	97890	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44018	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15995	2.950	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.904	69	16421	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.557	65	9762	3.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.605	46	66711	60.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.420%
24) Chloroform-d	5.049	84	61867	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.689	65	38105	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.714	84	98597	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.679	67	29988	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.888	98	87976	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.171	79	14634	4.640	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.621	63	52915	53.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29228	5.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	36940	5.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%

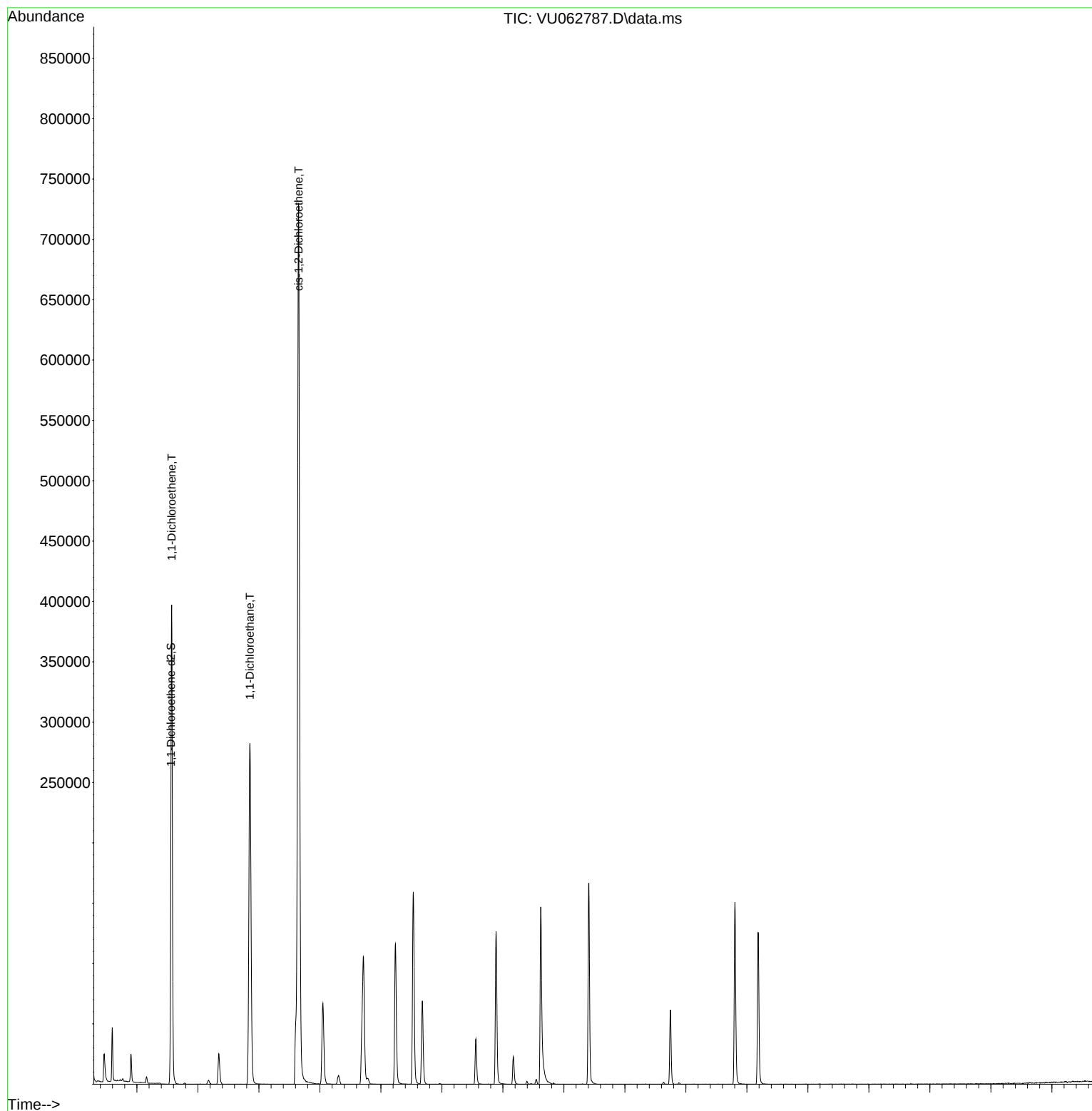
Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	2534	0.360	ug/L #	14
12) 1,1-Dichloroethene	2.570	96	127730	21.019	ug/L #	78
18) trans-1,2-Dichloroethene	3.342	96	10920	1.677	ug/L	98
19) 1,1-Dichloroethane	3.853	63	313338	26.918	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	395417	55.772	ug/L	98
27) 1,2-Dichloroethane	5.792	62	4042	0.432	ug/L #	79
29) 1,1,1-Trichloroethane	5.306	97	5755	0.406	ug/L	94
34) Trichloroethene	6.531	95	56517	6.168	ug/L	97

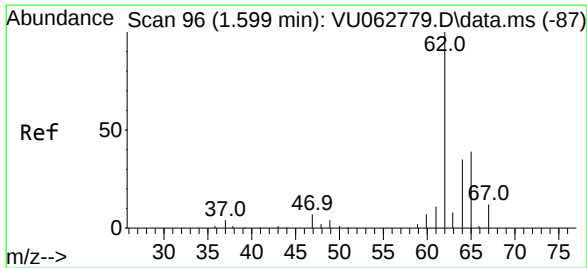
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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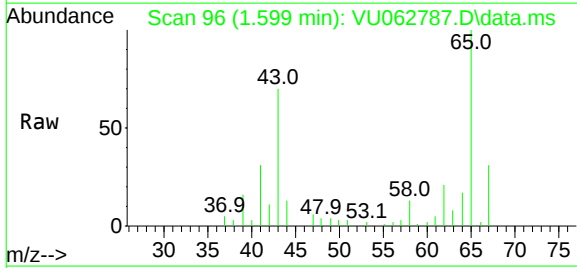
Quant Time: Jan 16 02:09:36 2025
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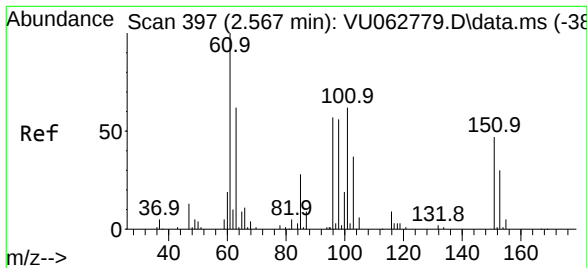
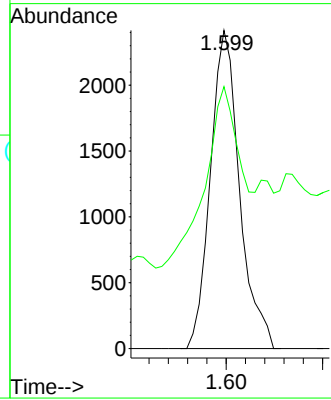
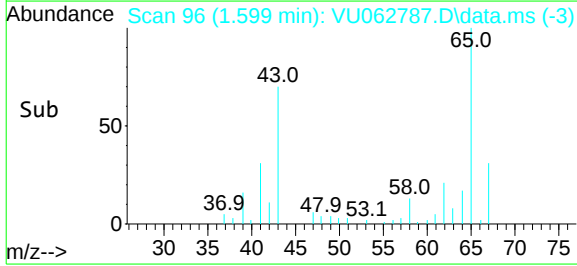


#5
 Vinyl chloride
 Concen: 0.360 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062787.D
 Acq: 16 Jan 2025 00:24

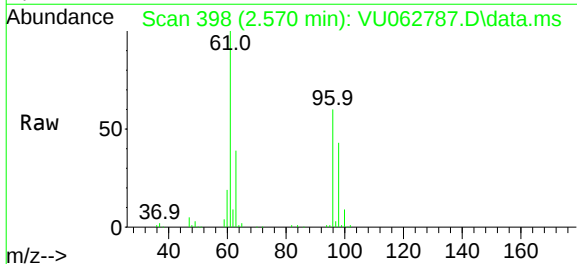
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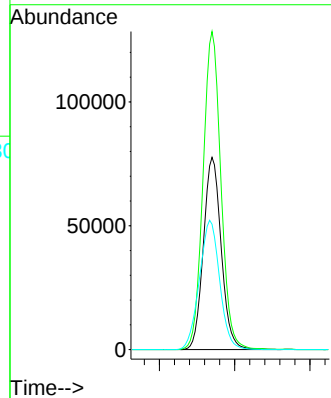
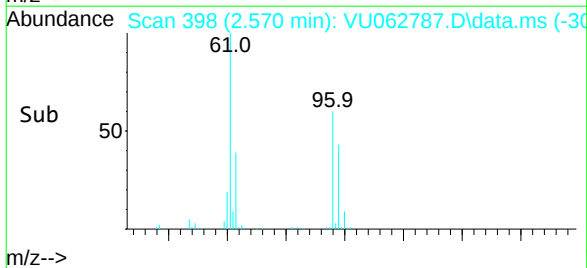
Tgt Ion: 62 Resp: 2534
 Ion Ratio Lower Upper
 62 100
 64 82.3 23.4 43.4#

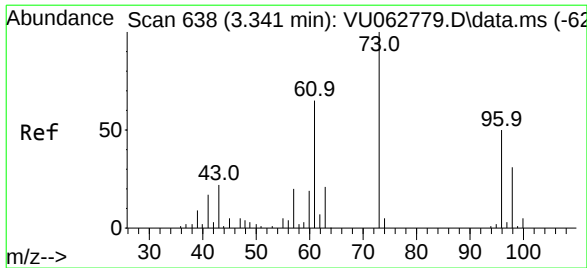


#12
 1,1-Dichloroethene
 Concen: 21.019 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU062787.D
 Acq: 16 Jan 2025 00:24



Tgt Ion: 96 Resp: 127730
 Ion Ratio Lower Upper
 96 100
 61 165.4 120.4 223.6
 63 65.2 82.3 152.9#

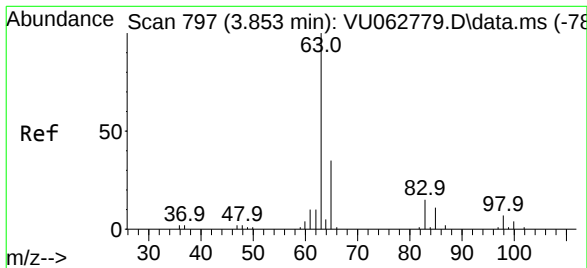
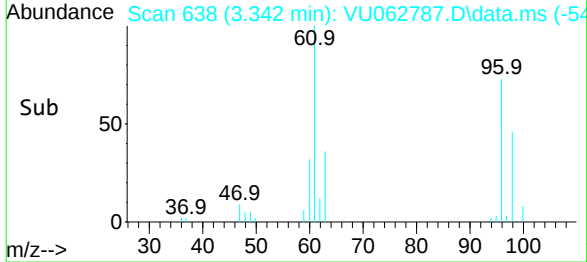
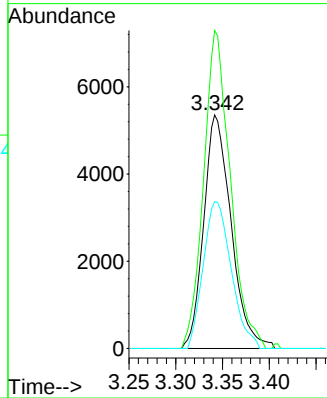
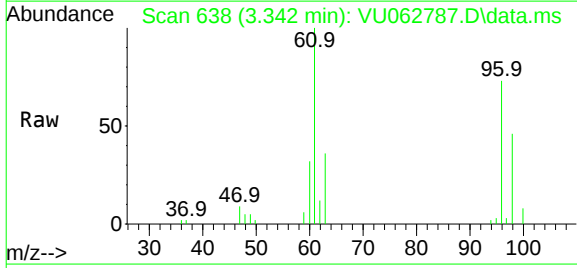




#18
trans-1,2-Dichloroethene
Concen: 1.677 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062787.D
Acq: 16 Jan 2025 00:24

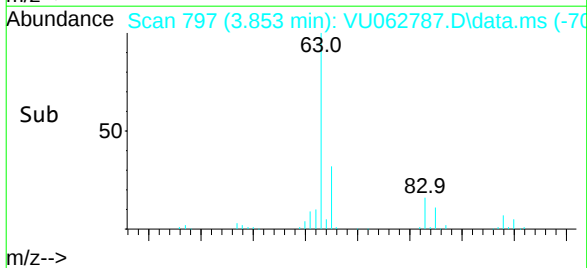
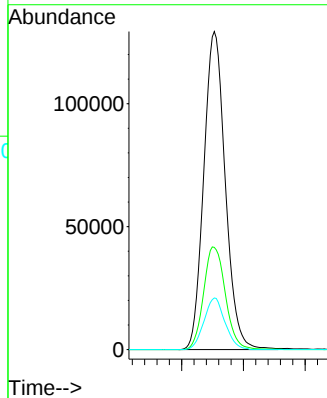
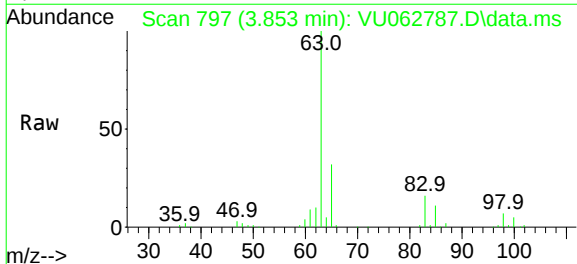
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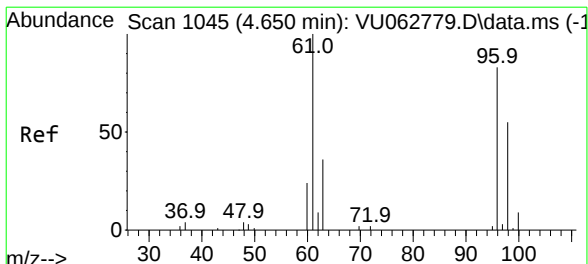
Tgt Ion:	96	Resp:	10920
Ion	Ratio	Lower	Upper
96	100		
61	136.2	94.4	175.2
98	62.9	42.8	79.4



#19
1,1-Dichloroethane
Concen: 26.918 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062787.D
Acq: 16 Jan 2025 00:24

Tgt Ion:	63	Resp:	313338
Ion	Ratio	Lower	Upper
63	100		
65	32.1	20.7	38.5
83	16.2	10.5	19.5

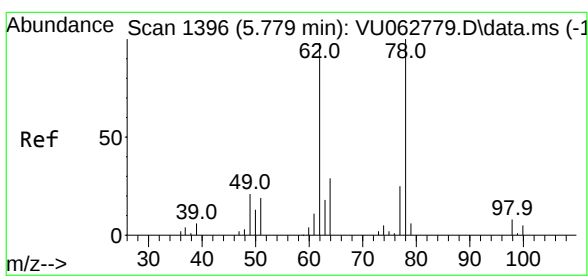
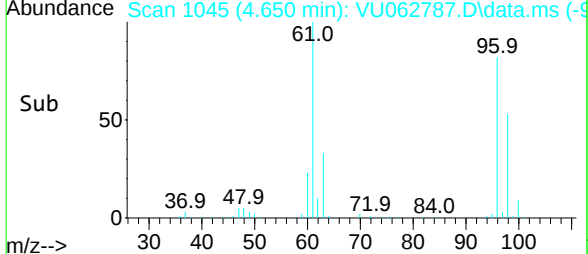
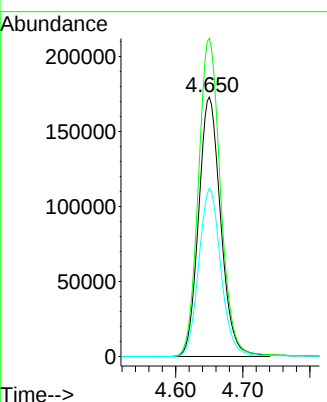
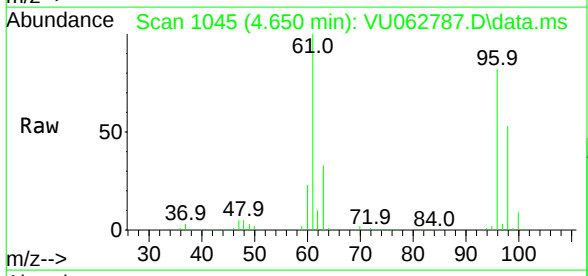




#22
 cis-1,2-Dichloroethene
 Concen: 55.772 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU062787.D
 Acq: 16 Jan 2025 00:24

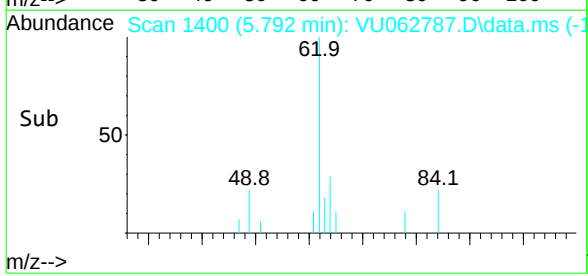
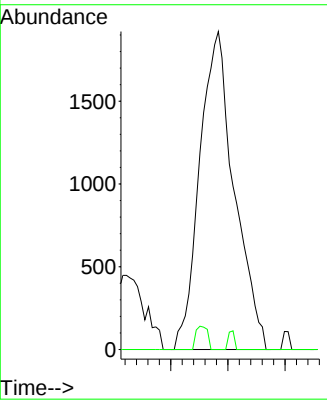
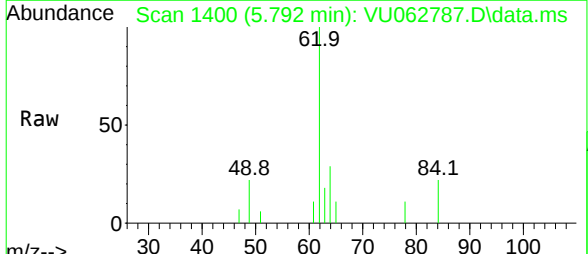
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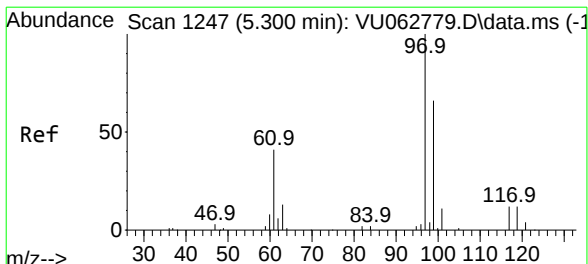
Tgt Ion:	96	Resp:	395417
Ion	Ratio	Lower	Upper
96	100		
61	122.6	84.8	157.6
98	64.8	43.1	80.1



#27
 1,2-Dichloroethane
 Concen: 0.432 ug/L
 RT: 5.792 min Scan# 1400
 Delta R.T. 0.013 min
 Lab File: VU062787.D
 Acq: 16 Jan 2025 00:24

Tgt Ion:	62	Resp:	4042
Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.8	8.6

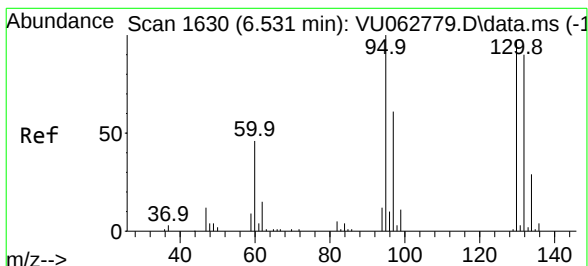
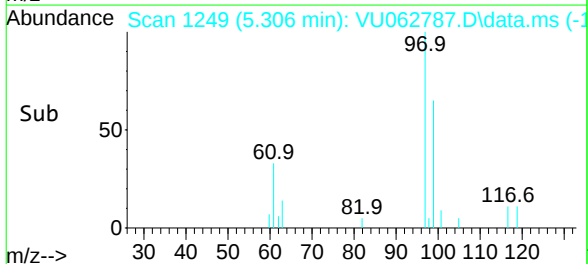
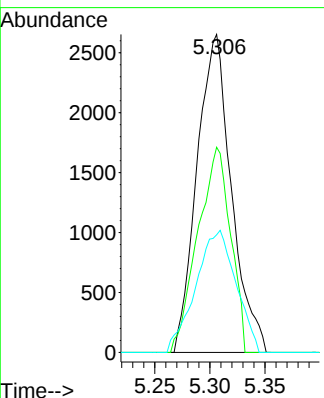
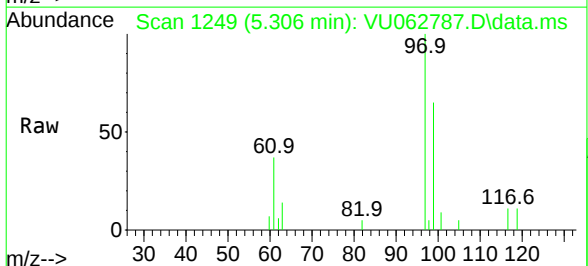




#29
 1,1,1-Trichloroethane
 Concen: 0.406 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.007 min
 Lab File: VU062787.D
 Acq: 16 Jan 2025 00:24

Instrument :
 MSVOA_U
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Tgt Ion:	97	Resp:	5755
Ion	Ratio	Lower	Upper
97	100		
99	61.5	52.4	78.6
61	44.9	32.2	48.4



#34
 Trichloroethene
 Concen: 6.168 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: VU062787.D
 Acq: 16 Jan 2025 00:24

Tgt Ion:	95	Resp:	56517
Ion	Ratio	Lower	Upper
95	100		
97	67.2	47.5	88.3
132	99.3	66.9	124.3
130	95.1	68.6	127.4

