

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062867.D
 Acq On : 17 Jan 2025 13:24
 Operator : MD/SY
 Sample : Q1072-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ97

Quant Time: Jan 17 21:58:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	91780	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40537	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20964	4.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.901	69	18573	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.554	65	11391	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.608	46	55658	53.574	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.140%
24) Chloroform-d	5.049	84	60373	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.689	65	35068	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.714	84	100899	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.676	67	27798	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	93901	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.168	79	13649	4.713	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.618	63	44012	48.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.640%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24042	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	36794	5.456	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%

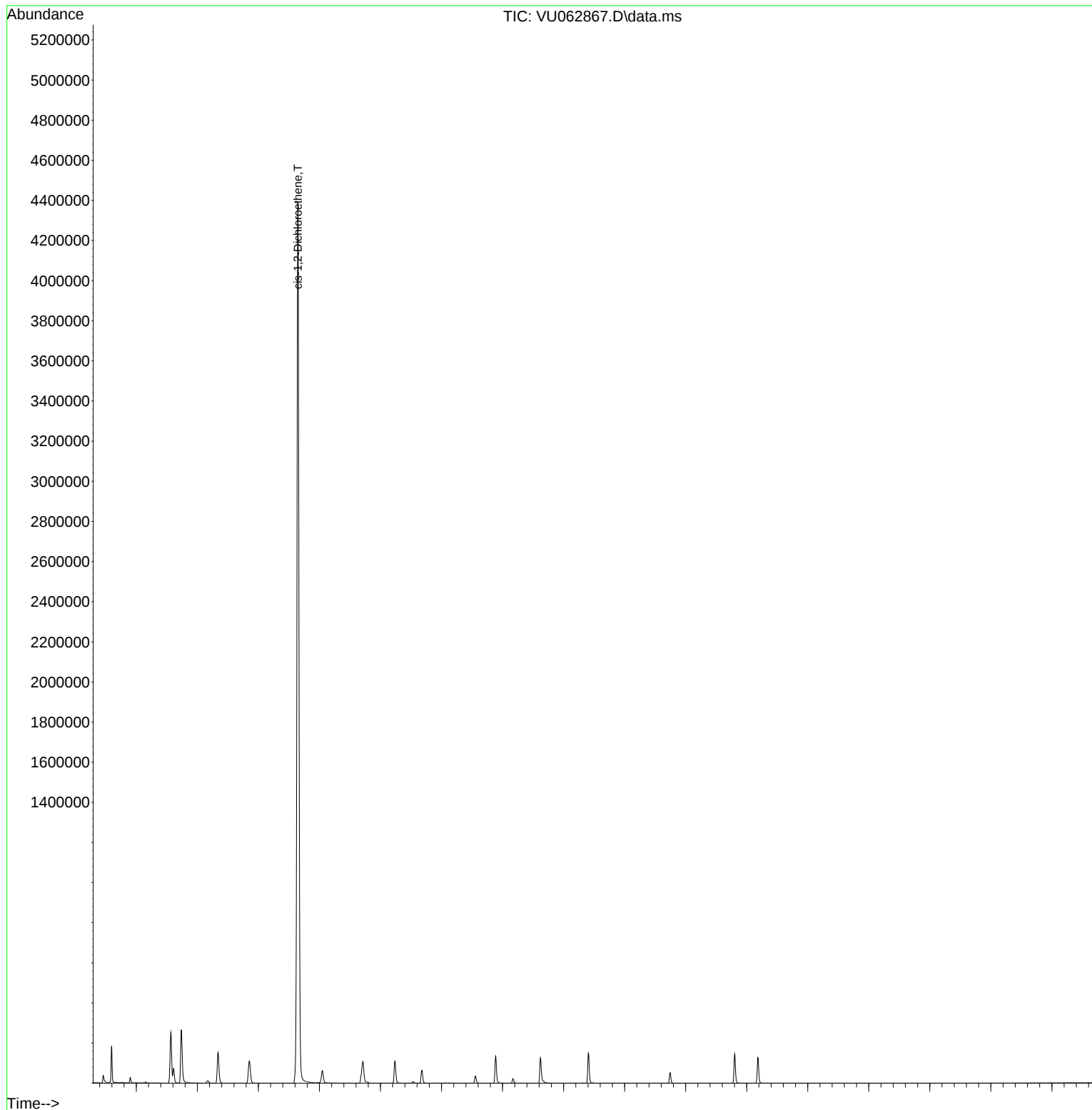
Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	8541	1.293	ug/L	# 57
12) 1,1-Dichloroethene	2.567	96	75220	13.202	ug/L	86
13) Acetone	2.612	43	79585	96.702	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	67339	11.032	ug/L	96
19) 1,1-Dichloroethane	3.853	63	123147	11.284	ug/L	96
22) cis-1,2-Dichloroethene	4.647	96	2362790	355.450	ug/L	98
27) 1,2-Dichloroethane	5.785	62	4396	0.501	ug/L	96
34) Trichloroethene	6.534	95	3155	0.375	ug/L	85

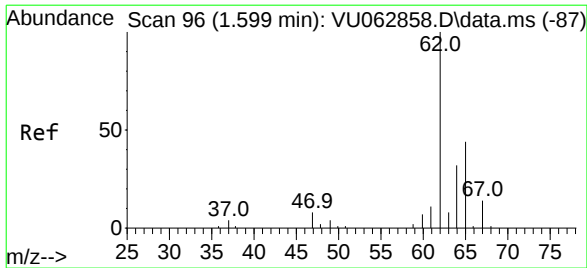
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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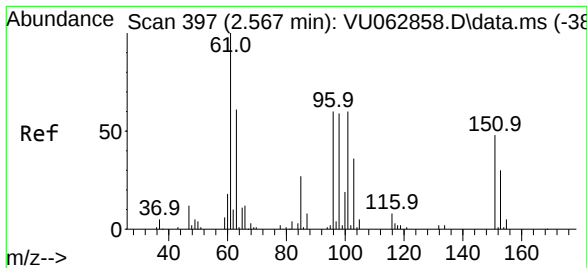
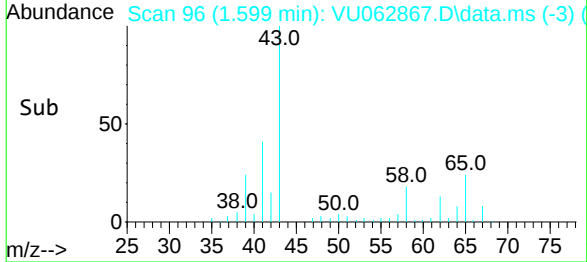
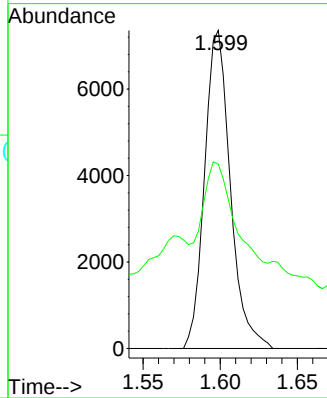
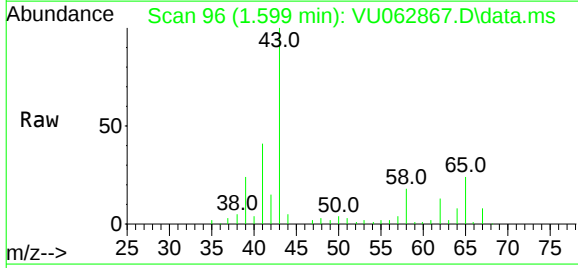




#5
 Vinyl chloride
 Concen: 1.293 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062867.D
 Acq: 17 Jan 2025 13:24

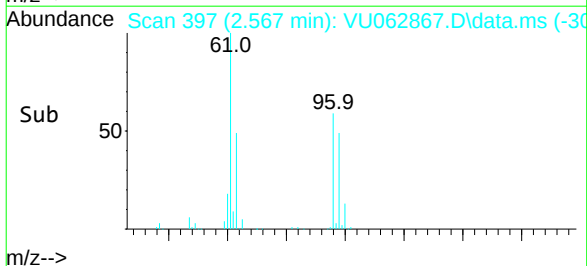
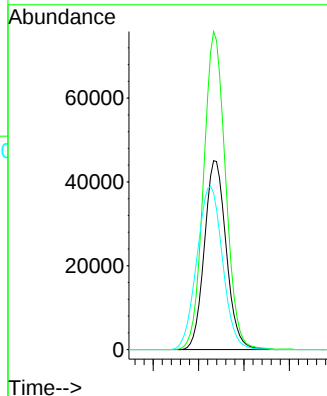
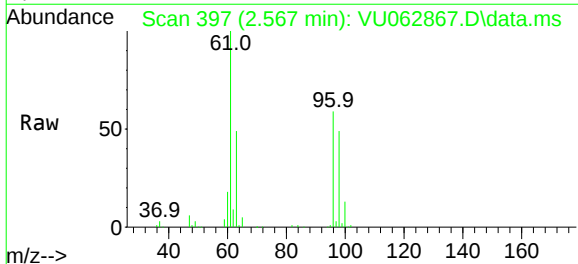
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ97

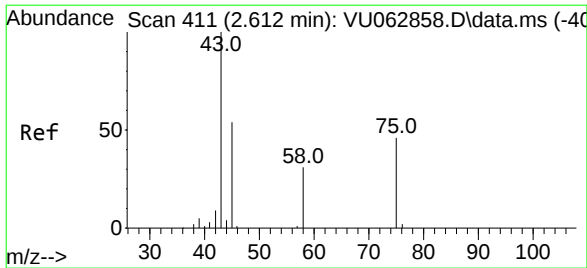
Tgt Ion: 62 Resp: 8541
 Ion Ratio Lower Upper
 62 100
 64 57.9 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 13.202 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU062867.D
 Acq: 17 Jan 2025 13:24

Tgt Ion: 96 Resp: 75220
 Ion Ratio Lower Upper
 96 100
 61 168.4 120.4 223.6
 63 82.8 82.3 152.9

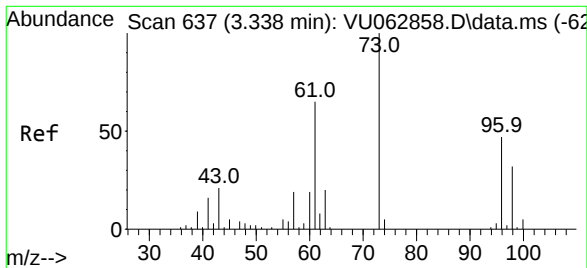
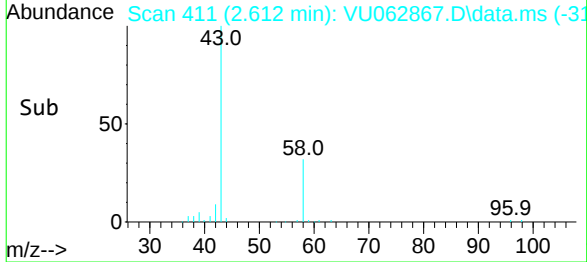
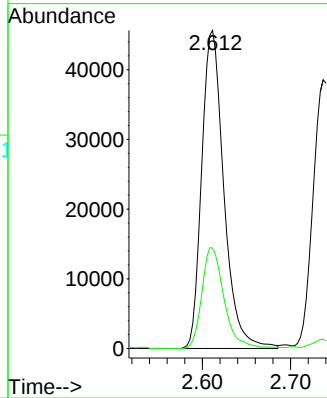
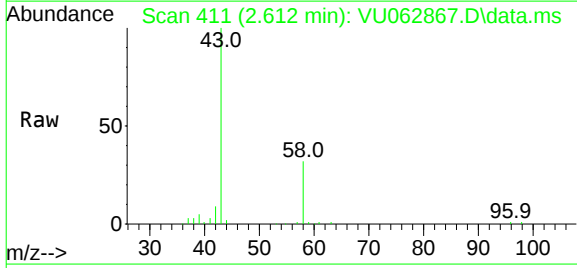




#13
Acetone
Concen: 96.702 ug/L
RT: 2.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU062867.D
Acq: 17 Jan 2025 13:24

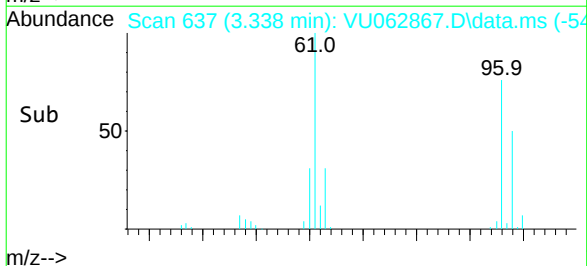
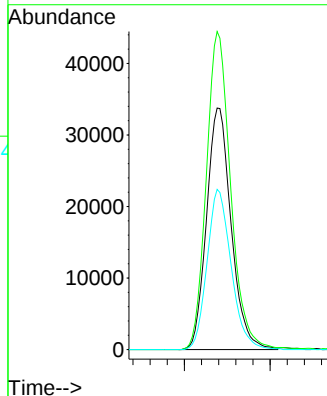
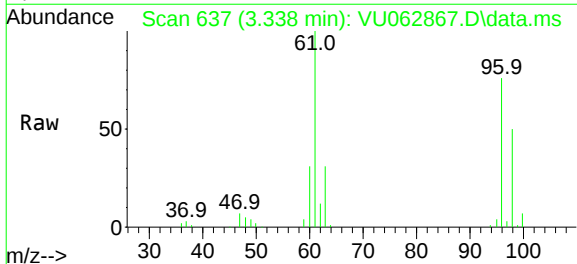
Instrument :
MSVOA_U
ClientSampleId :
GCQ97

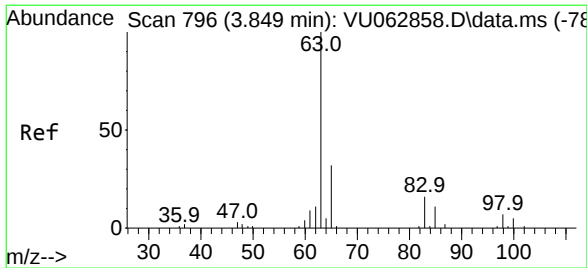
Tgt Ion: 43 Resp: 79585
Ion Ratio Lower Upper
43 100
58 31.8 0.0 64.4



#18
trans-1,2-Dichloroethene
Concen: 11.032 ug/L
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU062867.D
Acq: 17 Jan 2025 13:24

Tgt Ion: 96 Resp: 67339
Ion Ratio Lower Upper
96 100
61 131.7 94.4 175.2
98 66.3 42.8 79.4

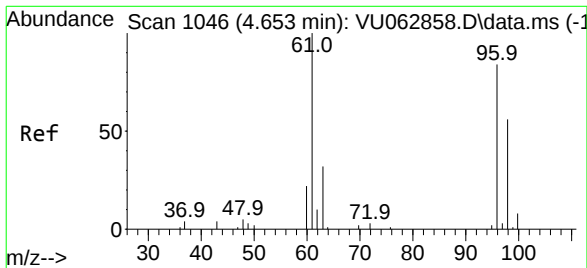
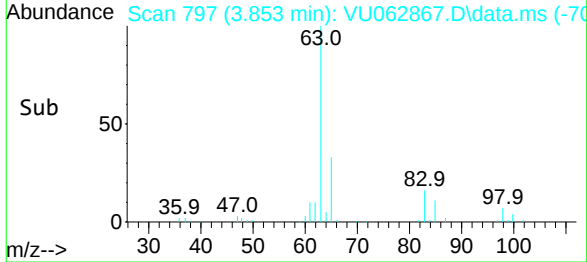
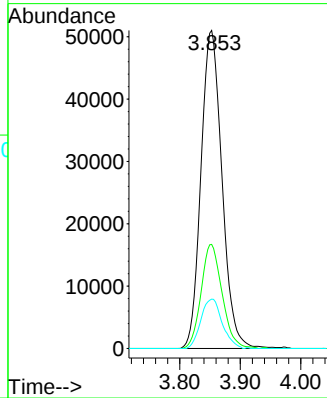
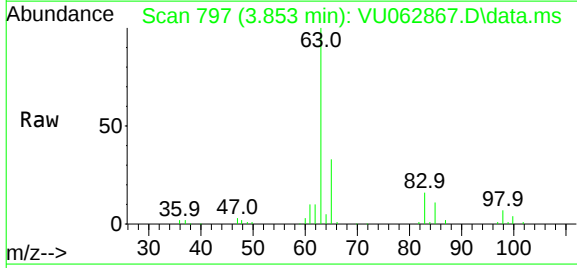




#19
1,1-Dichloroethane
Concen: 11.284 ug/L
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU062867.D
Acq: 17 Jan 2025 13:24

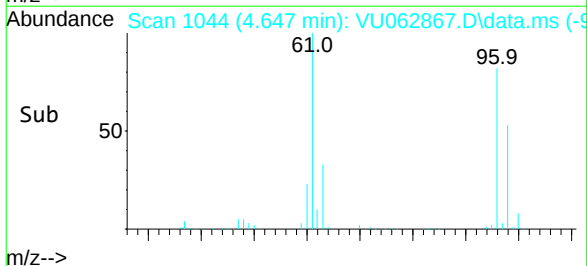
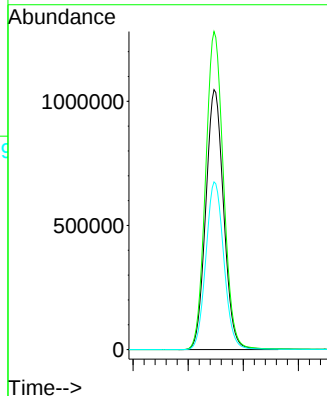
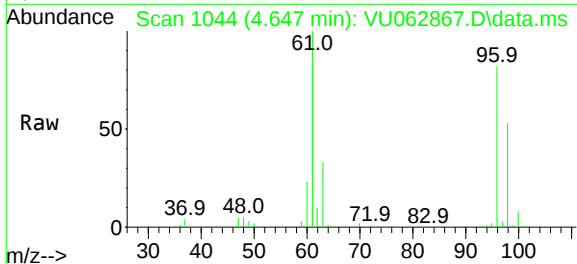
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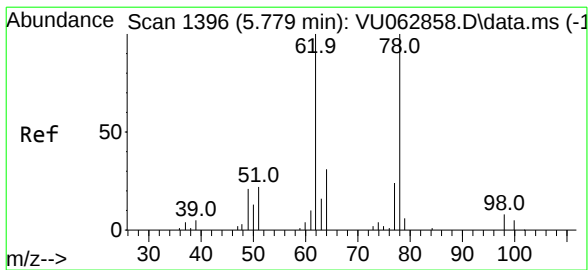
Tgt Ion: 63 Resp: 123147
Ion Ratio Lower Upper
63 100
65 32.7 20.7 38.5
83 15.5 10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 355.450 ug/L
RT: 4.647 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VU062867.D
Acq: 17 Jan 2025 13:24

Tgt Ion: 96 Resp: 2362790
Ion Ratio Lower Upper
96 100
61 122.4 84.8 157.6
98 64.5 43.1 80.1

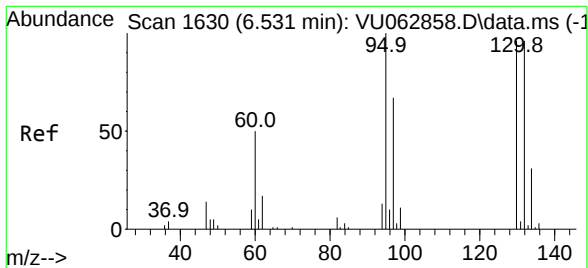
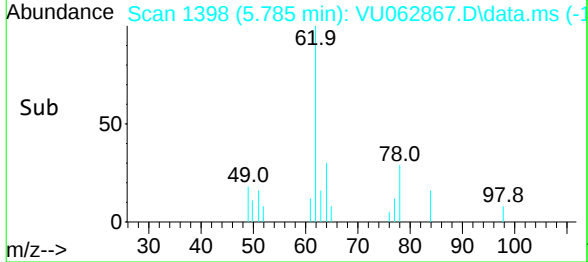
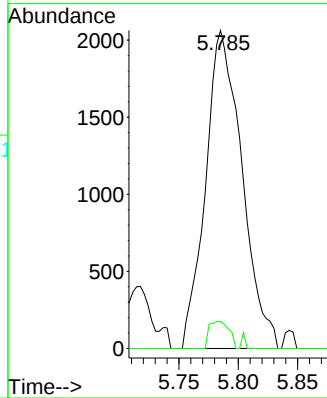
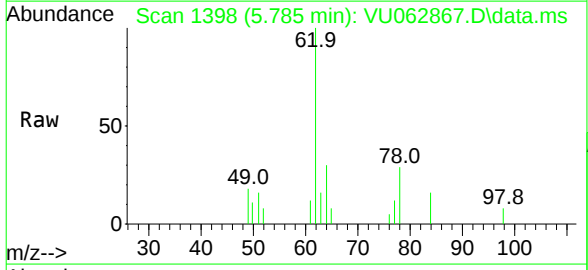




#27
1,2-Dichloroethane
Concen: 0.501 ug/L
RT: 5.785 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VU062867.D
Acq: 17 Jan 2025 13:24

Instrument :
MSVOA_U
ClientSampleId :
GCQ97

Tgt Ion: 62 Resp: 4396
Ion Ratio Lower Upper
62 100
98 8.5 5.8 8.6



#34
Trichloroethene
Concen: 0.375 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU062867.D
Acq: 17 Jan 2025 13:24

Tgt Ion: 95 Resp: 3155
Ion Ratio Lower Upper
95 100
97 56.6 47.5 88.3
132 86.7 66.9 124.3
130 120.1 68.6 127.4

