

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062847.D
 Acq On : 17 Jan 2025 02:45
 Operator : MD/SY
 Sample : Q1071-11DL 40X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 03:06:10 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)

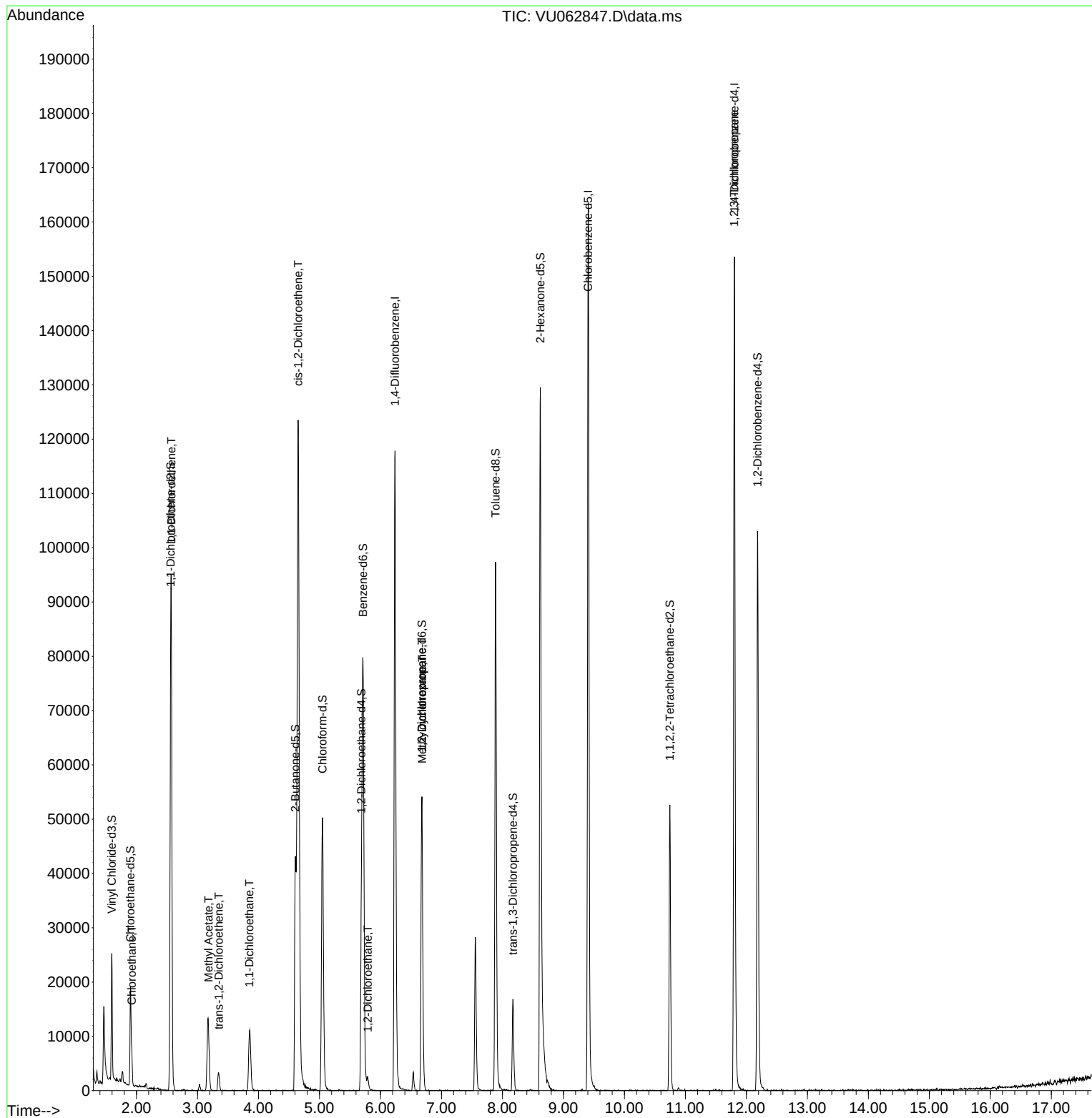
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	93051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11635	2.146	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	43.000%
7) Chloroethane-d5	1.901	69	12582	2.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.600%#
11) 1,1-Dichloroethene-d2	2.560	65	7174	2.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.000%#
20) 2-Butanone-d5	4.605	46	58272	52.575	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.160%
24) Chloroform-d	5.049	84	49862	3.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
26) 1,2-Dichloroethane-d4	5.689	65	30239	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.714	84	74973	3.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
36) 1,2-Dichloropropane-d6	6.679	67	23058	3.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.888	98	67282	3.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.800%#
43) trans-1,3-Dichloroprop...	8.174	79	11030	3.509	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.621	63	45770	46.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24379	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	30029	4.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						Qvalue
8) Chloroethane	1.924	64	3221	0.761	ug/L	87
12) 1,1-Dichloroethene	2.570	96	26042	4.284	ug/L	86
15) Methyl Acetate	3.181	43	1101	0.579	ug/L #	44
18) trans-1,2-Dichloroethene	3.351	96	1834	0.282	ug/L	86
19) 1,1-Dichloroethane	3.853	63	13732	1.179	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	67159	9.470	ug/L	99
27) 1,2-Dichloroethane	5.792	62	2320	0.248	ug/L #	90
35) Methylcyclohexane	6.682	83	6726	0.599	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3241	0.514	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	4080	1.044	ug/L #	57

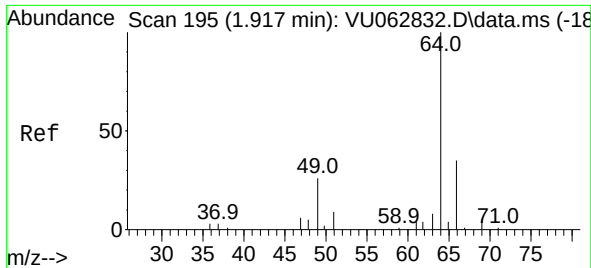
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 23:11:57 2025
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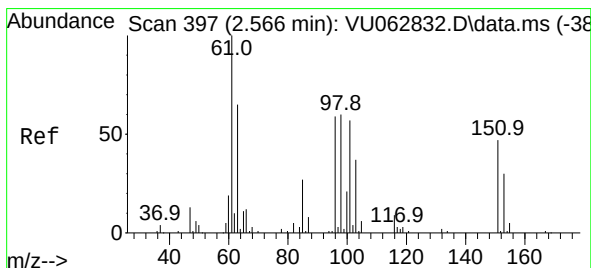
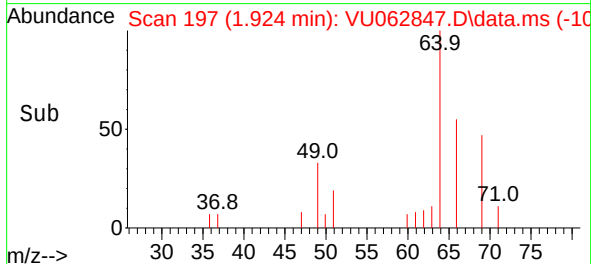
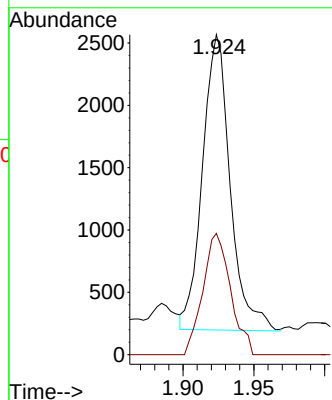
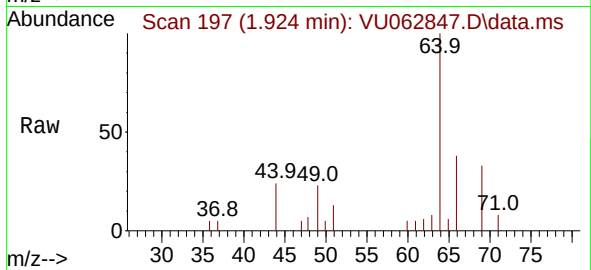




#8
Chloroethane
Concen: 0.761 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.007 min
Lab File: VU062847.D
Acq: 17 Jan 2025 02:45

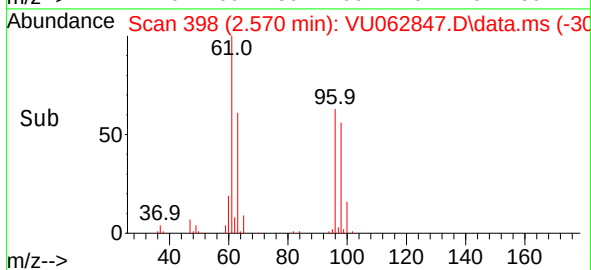
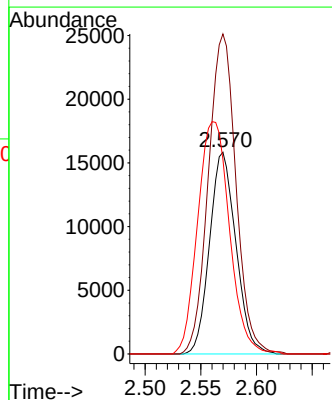
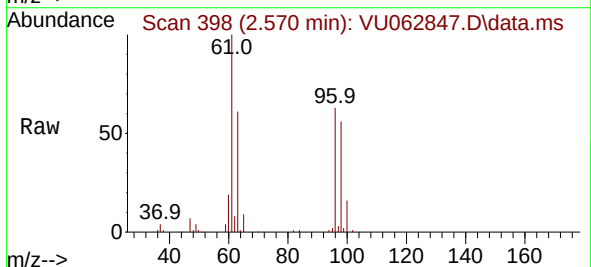
Instrument :
MSVOA_U
ClientSampleId :

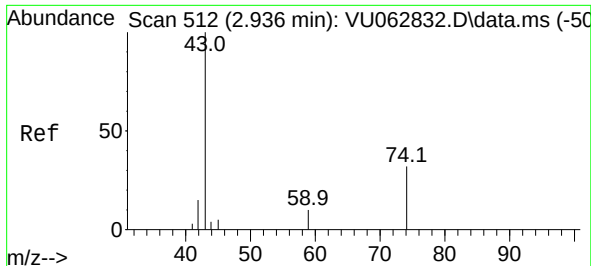
Tgt Ion: 64 Resp: 3221
Ion Ratio Lower Upper
64 100
66 37.9 21.6 40.2



#12
1,1-Dichloroethene
Concen: 4.284 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062847.D
Acq: 17 Jan 2025 02:45

Tgt Ion: 96 Resp: 26042
Ion Ratio Lower Upper
96 100
61 158.6 120.4 223.6
63 96.5 82.3 152.9





#15

Methyl Acetate

Concen: 0.579 ug/L

RT: 3.181 min Scan# 512

Delta R.T. 0.245 min

Lab File: VU062847.D

Acq: 17 Jan 2025 02:45

Instrument :

MSVOA_U

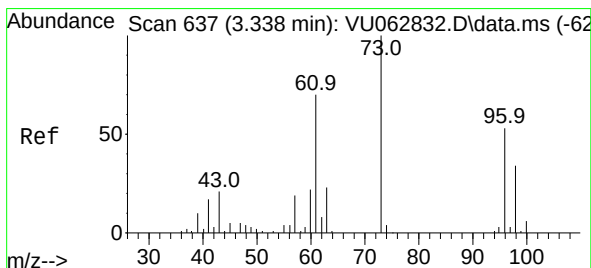
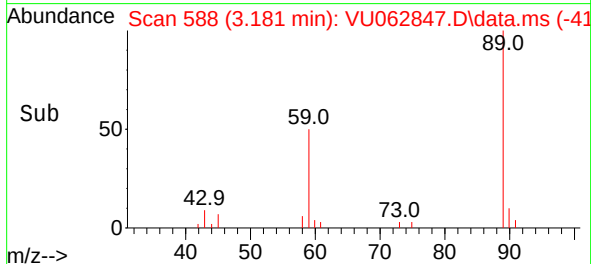
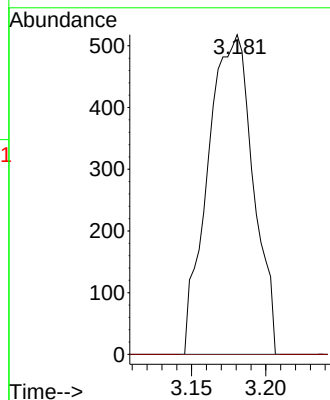
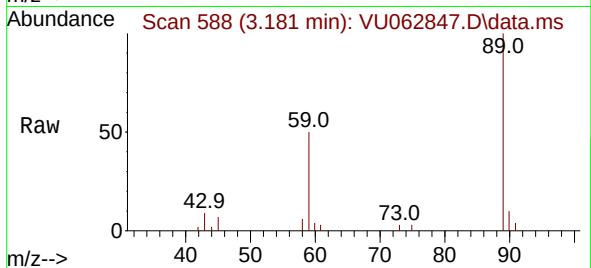
ClientSampleId :

Tgt Ion: 43 Resp: 1101

Ion Ratio Lower Upper

43 100

74 0.0 24.4 36.6#



#18

trans-1,2-Dichloroethene

Concen: 0.282 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.013 min

Lab File: VU062847.D

Acq: 17 Jan 2025 02:45

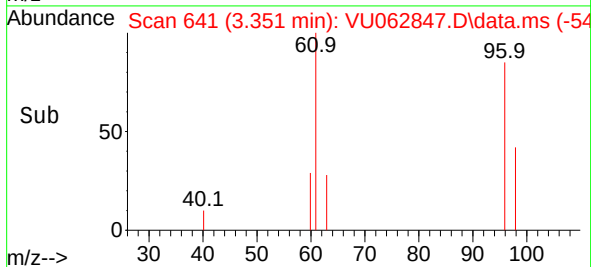
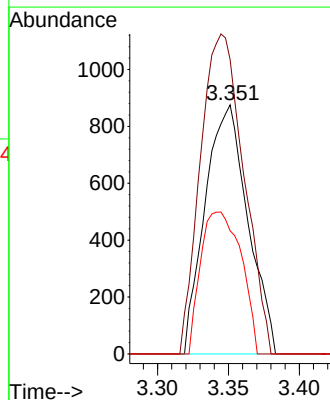
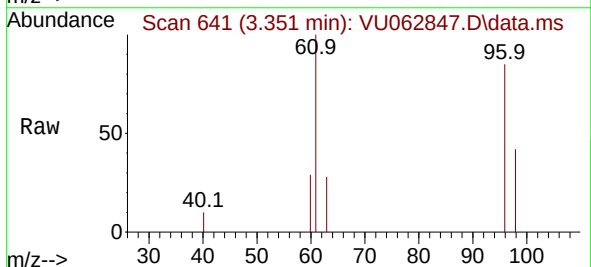
Tgt Ion: 96 Resp: 1834

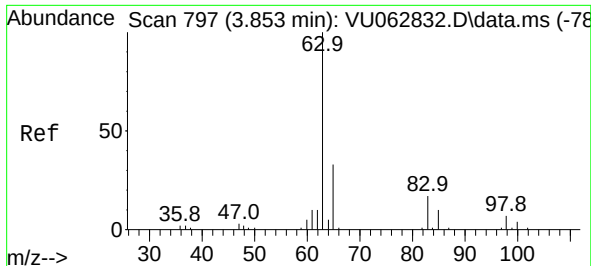
Ion Ratio Lower Upper

96 100

61 118.2 94.4 175.2

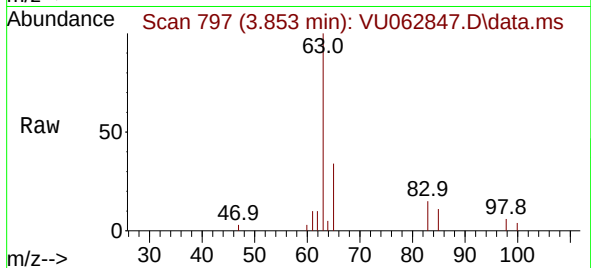
98 49.4 42.8 79.4



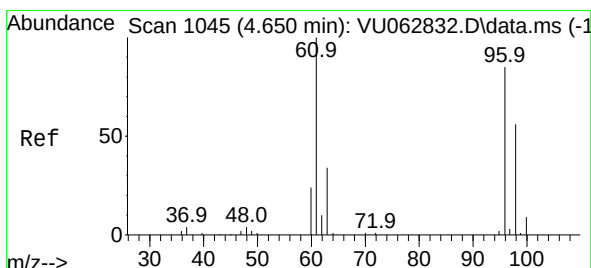
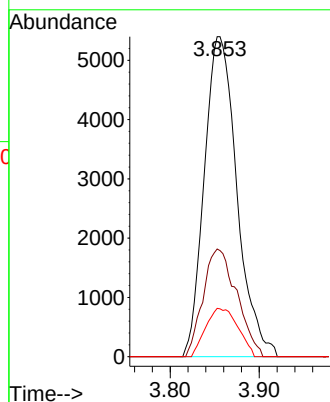
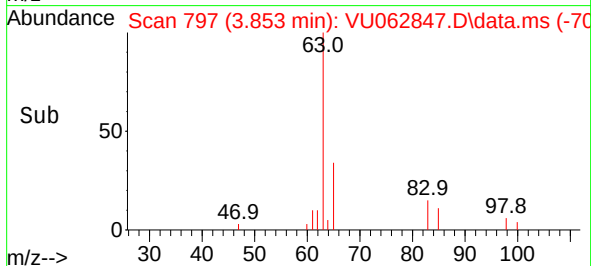


#19
1,1-Dichloroethane
Concen: 1.179 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062847.D
Acq: 17 Jan 2025 02:45

Instrument :
MSVOA_U
ClientSampleId :

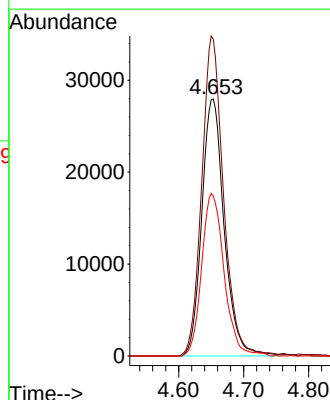
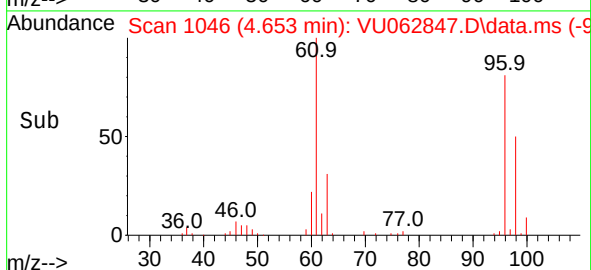
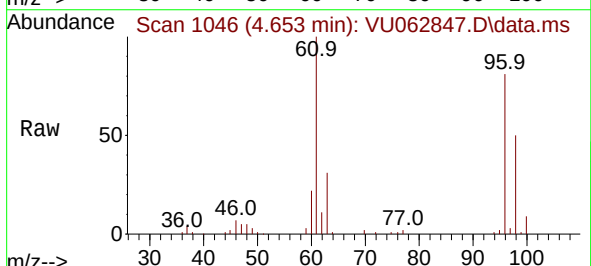


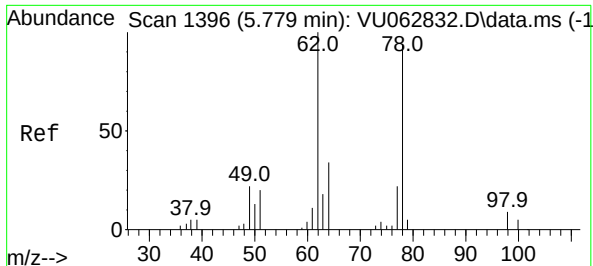
Tgt Ion:	63	Resp:	13732
Ion	Ratio	Lower	Upper
63	100		
65	33.6	20.7	38.5
83	15.1	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 9.470 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU062847.D
Acq: 17 Jan 2025 02:45

Tgt Ion:	96	Resp:	67159
Ion	Ratio	Lower	Upper
96	100		
61	123.2	84.8	157.6
98	62.2	43.1	80.1

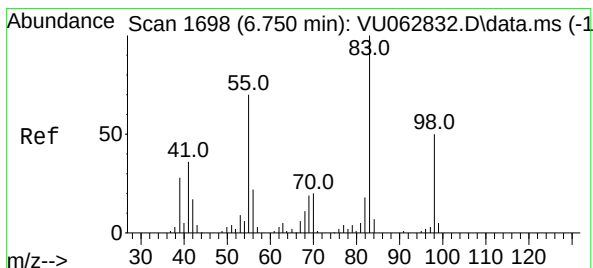
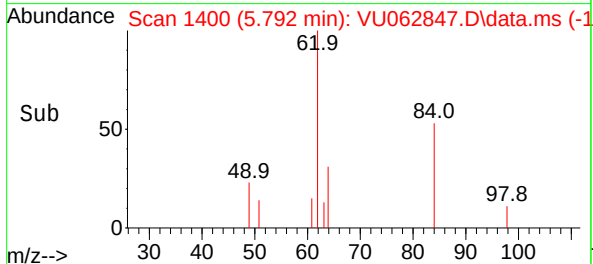
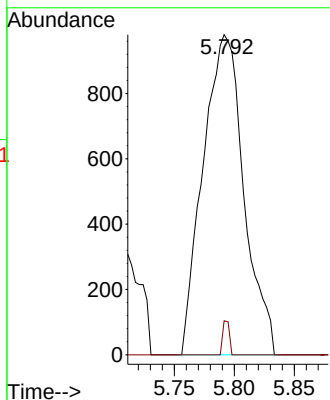
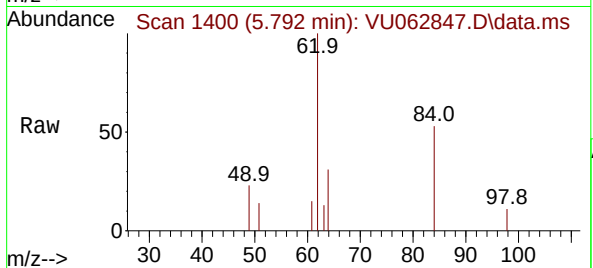




#27
 1,2-Dichloroethane
 Concen: 0.248 ug/L
 RT: 5.792 min Scan# 14
 Delta R.T. 0.013 min
 Lab File: VU062847.D
 Acq: 17 Jan 2025 02:45

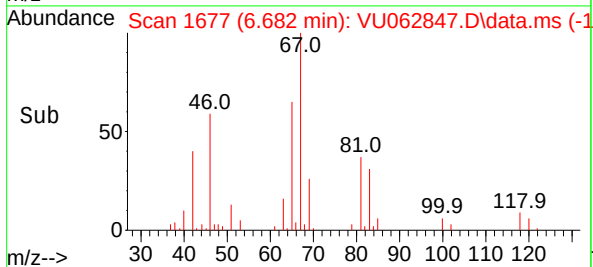
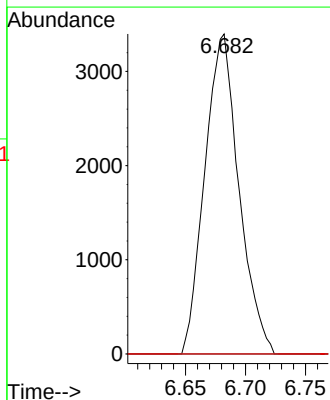
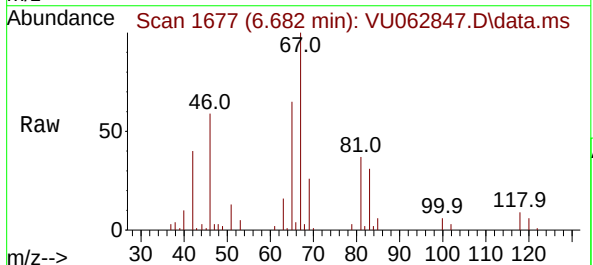
Instrument :
 MSVOA_U
 ClientSampleId :

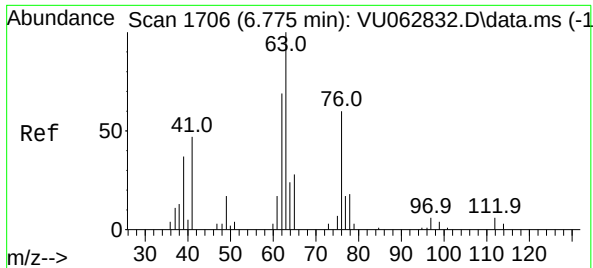
Tgt Ion: 62 Resp: 2320
 Ion Ratio Lower Upper
 62 100
 98 10.6 5.8 8.6#



#35
 Methylcyclohexane
 Concen: 0.599 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.067 min
 Lab File: VU062847.D
 Acq: 17 Jan 2025 02:45

Tgt Ion: 83 Resp: 6726
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.2 85.8#
 98 0.0 36.6 55.0#

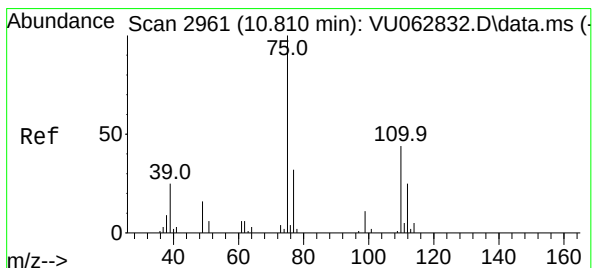
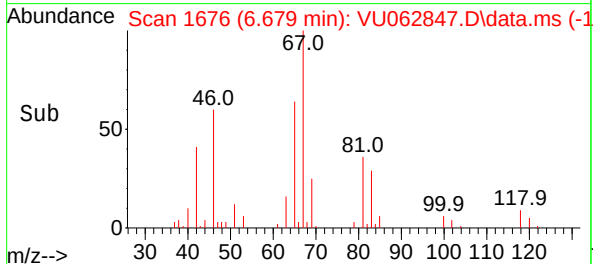
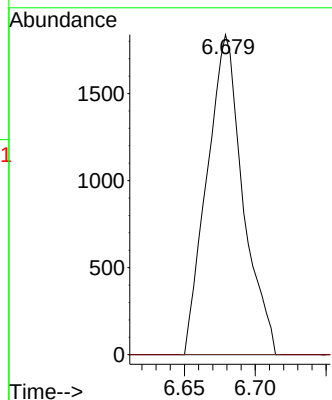
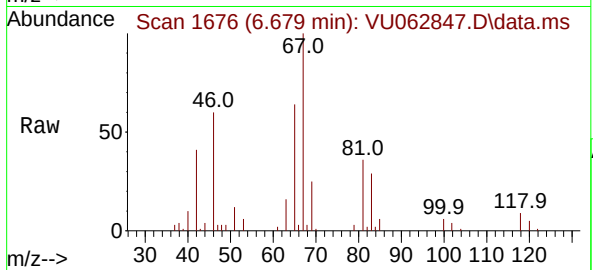




#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062847.D
Acq: 17 Jan 2025 02:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3241
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.044 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.990 min
Lab File: VU062847.D
Acq: 17 Jan 2025 02:45

Tgt Ion: 75 Resp: 4080
Ion Ratio Lower Upper
75 100
110 2.6 33.2 49.8#
77 42.9 25.9 38.9#

