

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062862.D
 Acq On : 17 Jan 2025 11:21
 Operator : MD/SY
 Sample : Q1057-18DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 21:55:50 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)

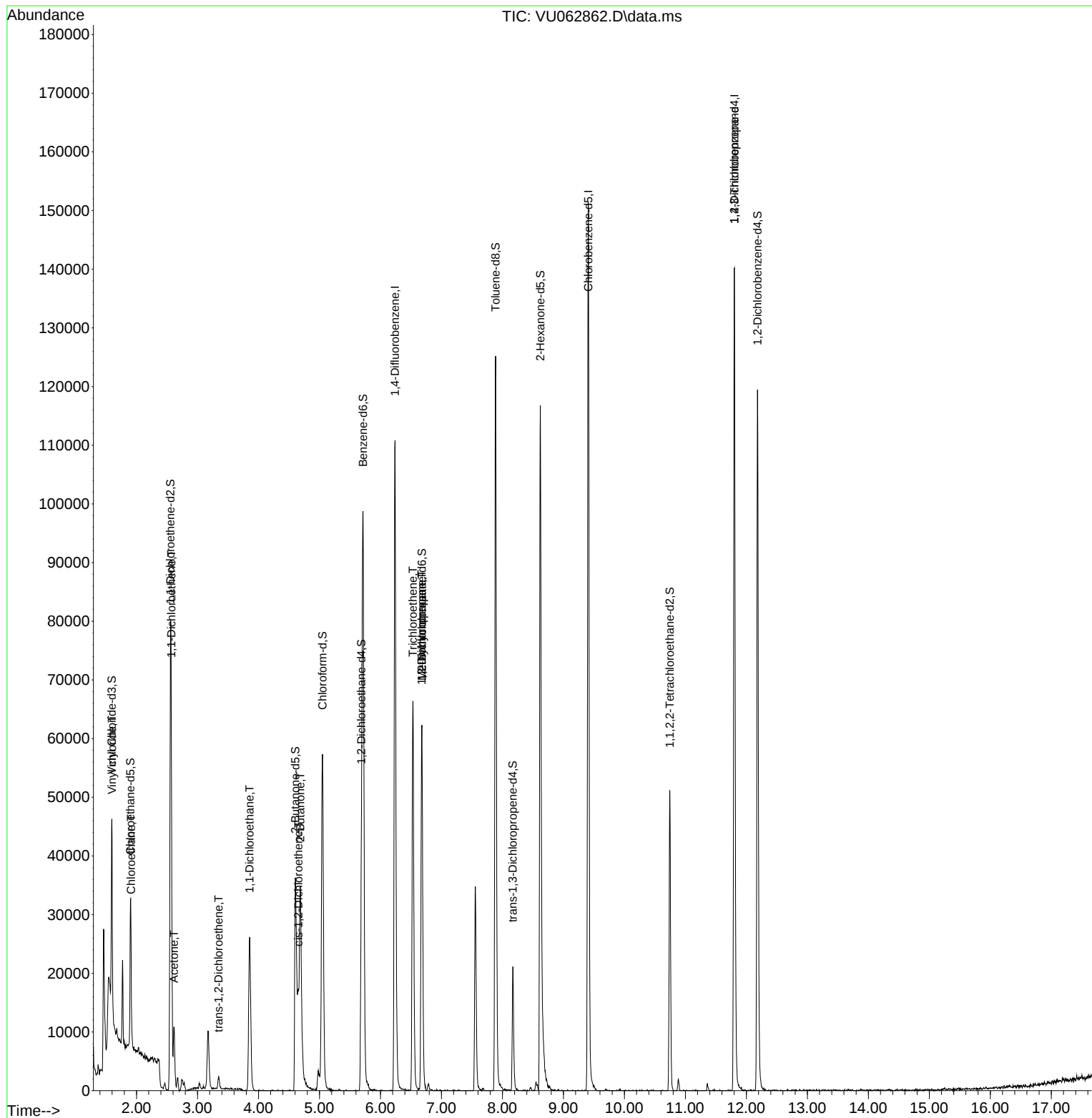
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91511	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86923	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19919	3.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.901	69	17840	4.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.557	65	10814	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.605	46	50075	48.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.680%
24) Chloroform-d	5.049	84	57168	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.689	65	32494	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.714	84	94173	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.679	67	25914	4.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.888	98	87822	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.171	79	12948	4.409	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.621	63	40912	44.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.600%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23430	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	33366	4.813	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2469	0.375	ug/L #	1
8) Chloroethane	1.911	64	1921	0.485	ug/L #	53
12) 1,1-Dichloroethene	2.570	96	13809	2.431	ug/L #	74
13) Acetone	2.615	43	12272	14.955	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	610	0.100	ug/L	96
19) 1,1-Dichloroethane	3.856	63	29369	2.699	ug/L	98
21) 2-Butanone	4.685	43	45385	41.529	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	6296	0.950	ug/L	98
34) Trichloroethene	6.531	95	23574	2.763	ug/L	96
35) Methylcyclohexane	6.679	83	7680	0.732	ug/L #	39
37) 1,2-Dichloropropane	6.676	63	3449	0.585	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3735	1.011	ug/L #	57

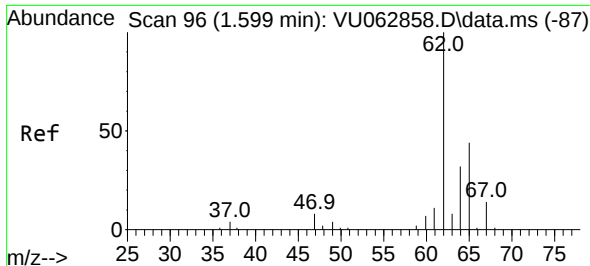
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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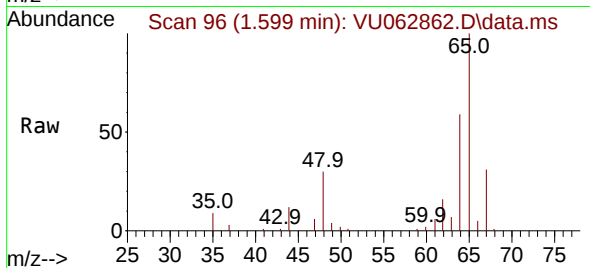
Quant Time: Jan 17 21:55:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
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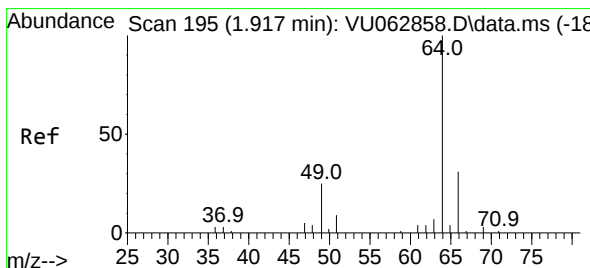
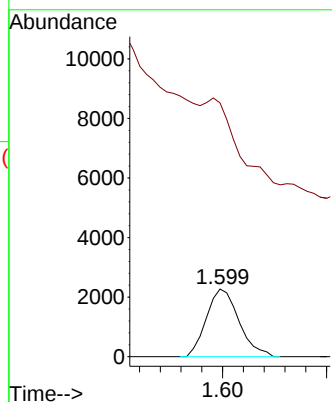
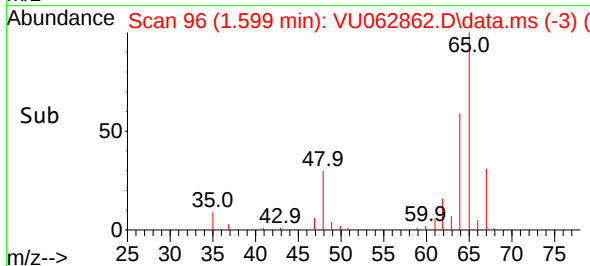


#5
 Vinyl chloride
 Concen: 0.375 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU062862.D
 Acq: 17 Jan 2025 11:21

Instrument :
 MSVOA_U
 ClientSampleId :

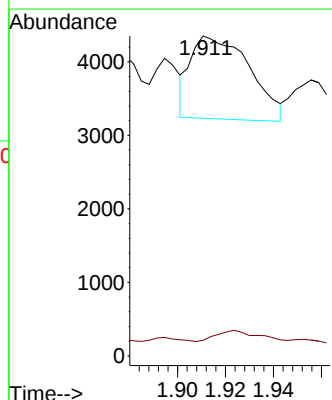
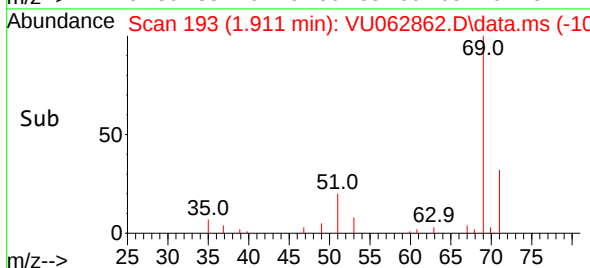
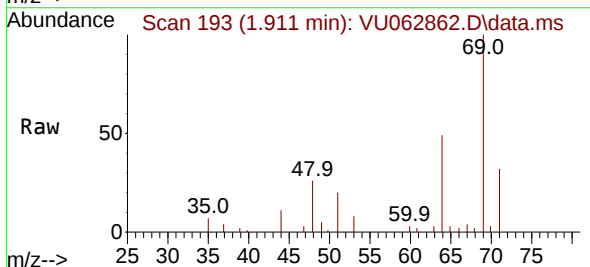


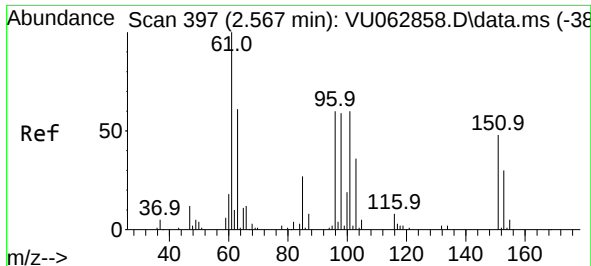
Tgt Ion: 62 Resp: 2469
 Ion Ratio Lower Upper
 62 100
 64 375.1 23.4 43.4#



#8
 Chloroethane
 Concen: 0.485 ug/L
 RT: 1.911 min Scan# 193
 Delta R.T. -0.006 min
 Lab File: VU062862.D
 Acq: 17 Jan 2025 11:21

Tgt Ion: 64 Resp: 1921
 Ion Ratio Lower Upper
 64 100
 66 4.9 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 2.431 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU062862.D

Acq: 17 Jan 2025 11:21

Instrument :

MSVOA_U

ClientSampleId :

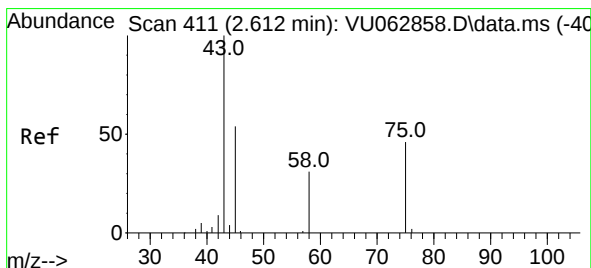
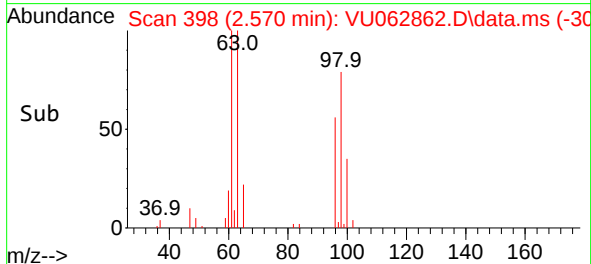
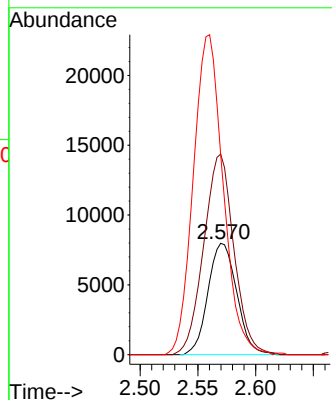
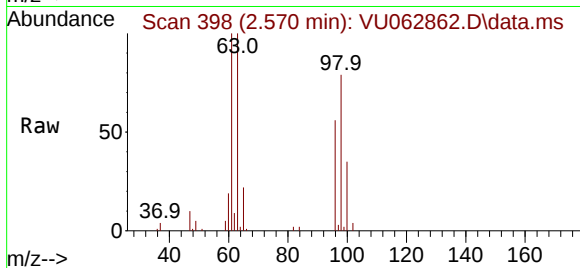
Tgt Ion: 96 Resp: 13809

Ion Ratio Lower Upper

96 100

61 180.1 120.4 223.6

63 179.7 82.3 152.9#



#13

Acetone

Concen: 14.955 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU062862.D

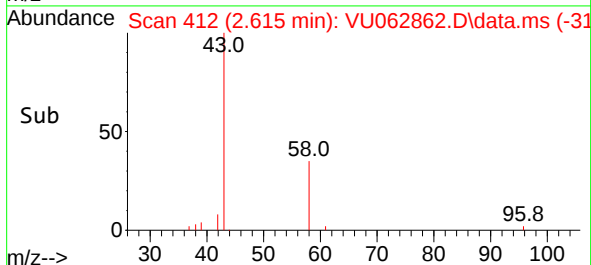
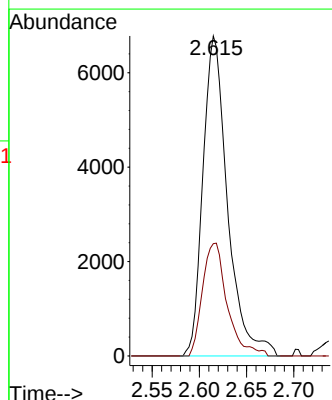
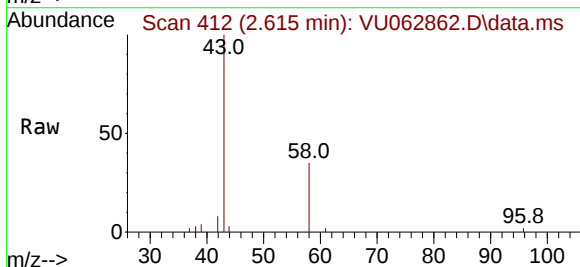
Acq: 17 Jan 2025 11:21

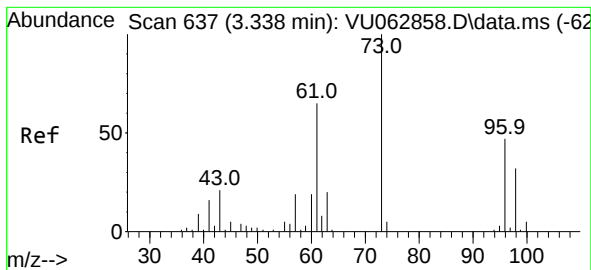
Tgt Ion: 43 Resp: 12272

Ion Ratio Lower Upper

43 100

58 35.3 0.0 64.4





#18

trans-1,2-Dichloroethene

Concen: 0.100 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.010 min

Lab File: VU062862.D

Acq: 17 Jan 2025 11:21

Instrument :

MSVOA_U

ClientSampleId :

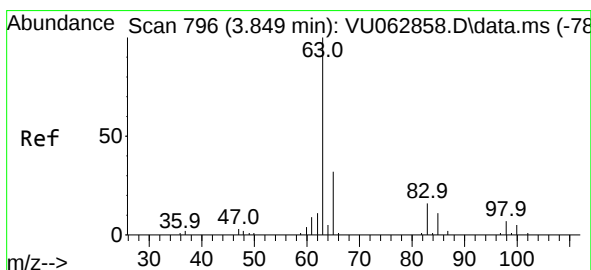
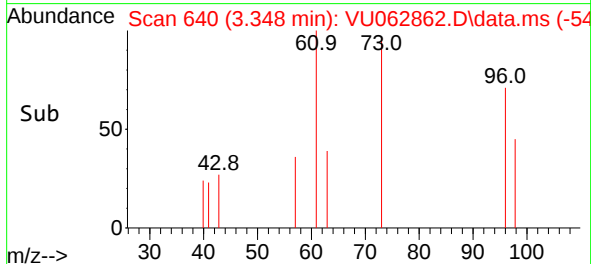
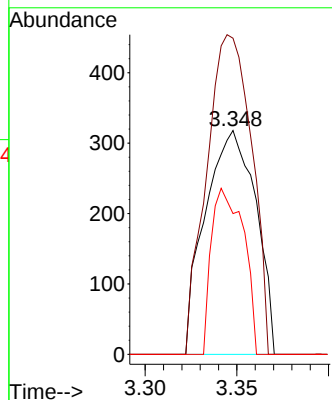
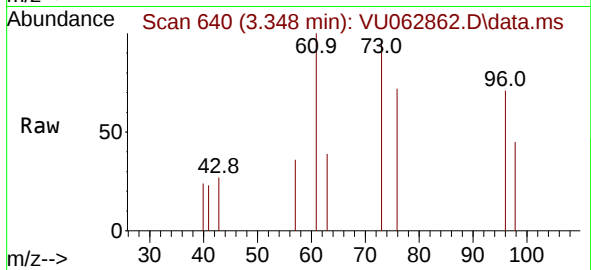
Tgt Ion: 96 Resp: 610

Ion Ratio Lower Upper

96 100

61 141.2 94.4 175.2

98 62.9 42.8 79.4



#19

1,1-Dichloroethane

Concen: 2.699 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.006 min

Lab File: VU062862.D

Acq: 17 Jan 2025 11:21

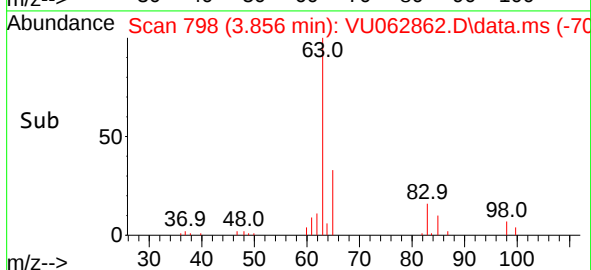
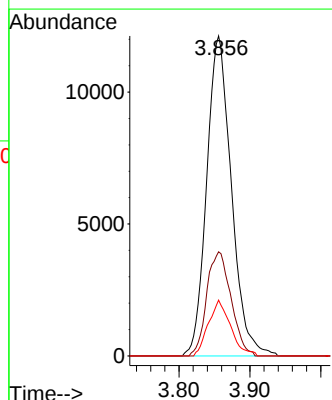
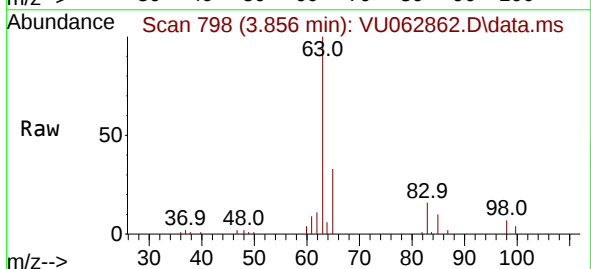
Tgt Ion: 63 Resp: 29369

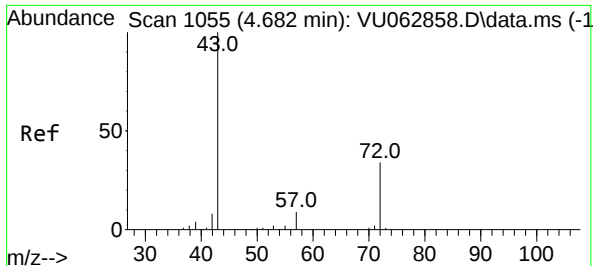
Ion Ratio Lower Upper

63 100

65 30.6 20.7 38.5

83 16.4 10.5 19.5





#21

2-Butanone

Concen: 41.529 ug/L

RT: 4.685 min Scan# 1055

Delta R.T. 0.003 min

Lab File: VU062862.D

Acq: 17 Jan 2025 11:21

Instrument :

MSVOA_U

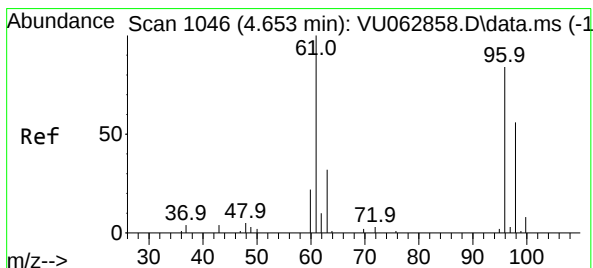
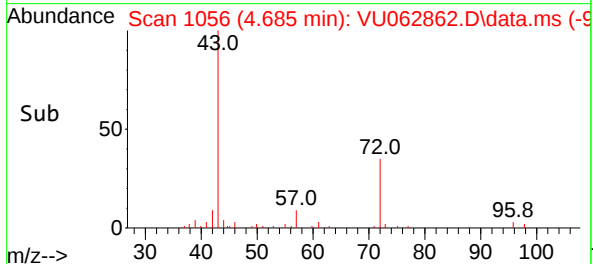
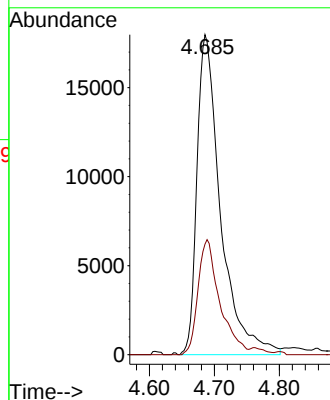
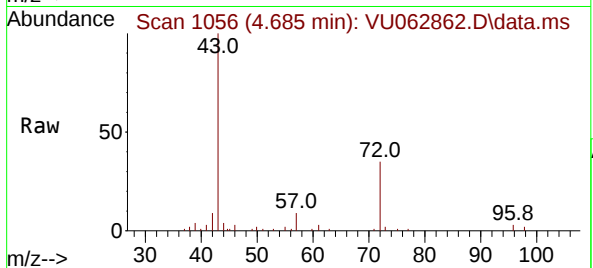
ClientSampleId :

Tgt Ion: 43 Resp: 45385

Ion Ratio Lower Upper

43 100

72 33.3 17.1 51.2



#22

cis-1,2-Dichloroethene

Concen: 0.950 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU062862.D

Acq: 17 Jan 2025 11:21

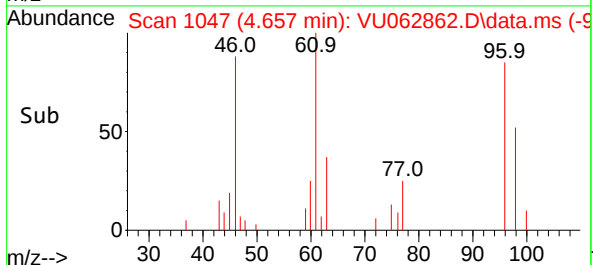
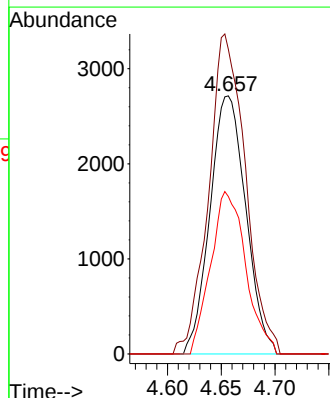
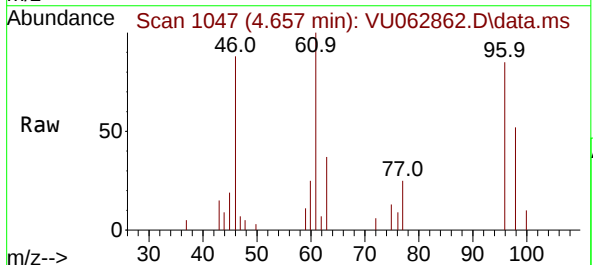
Tgt Ion: 96 Resp: 6296

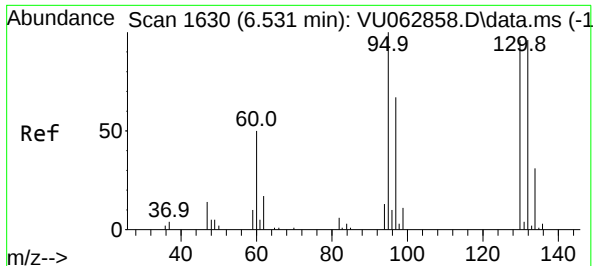
Ion Ratio Lower Upper

96 100

61 118.0 84.8 157.6

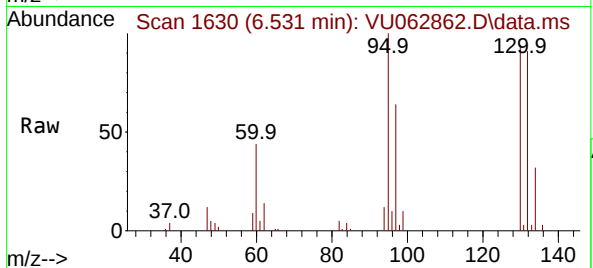
98 61.0 43.1 80.1



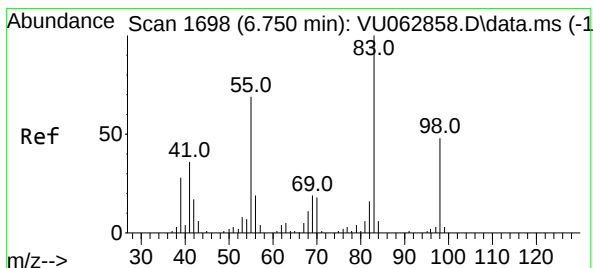
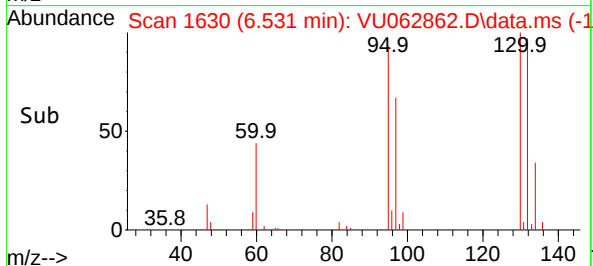
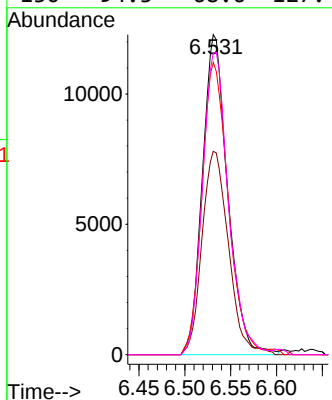


#34
Trichloroethene
Concen: 2.763 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062862.D
Acq: 17 Jan 2025 11:21

Instrument :
MSVOA_U
ClientSampleId :

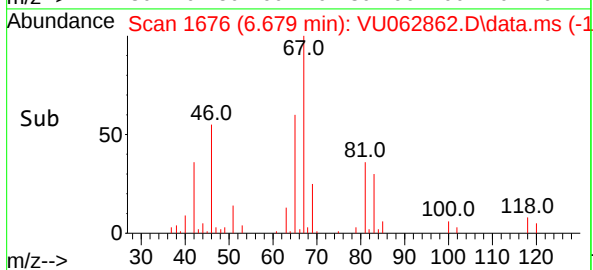
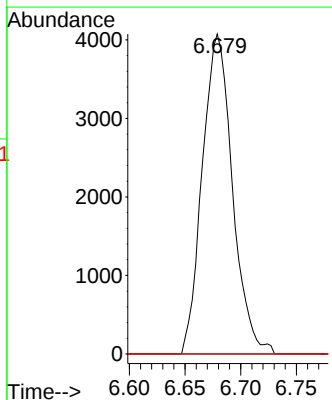
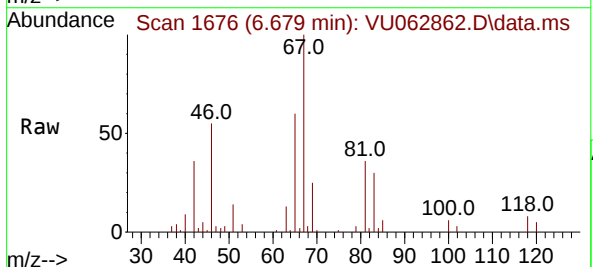


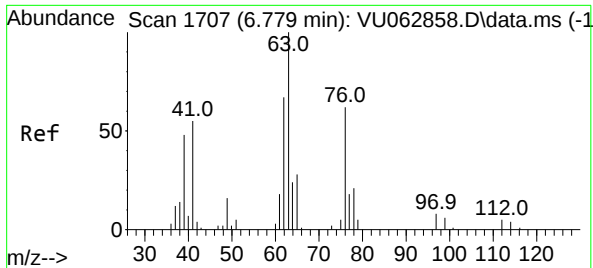
Tgt Ion:	95	Resp:	23574
Ion	Ratio	Lower	Upper
95	100		
97	63.5	47.5	88.3
132	91.3	66.9	124.3
130	94.3	68.6	127.4



#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062862.D
Acq: 17 Jan 2025 11:21

Tgt Ion:	83	Resp:	7680
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	31.9	36.6	55.0#

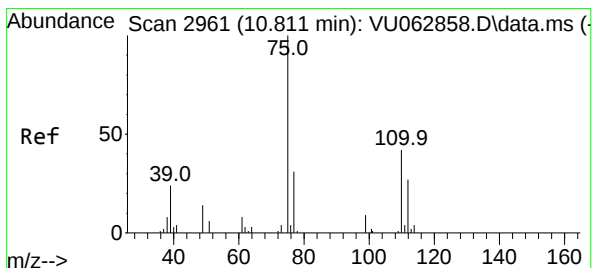
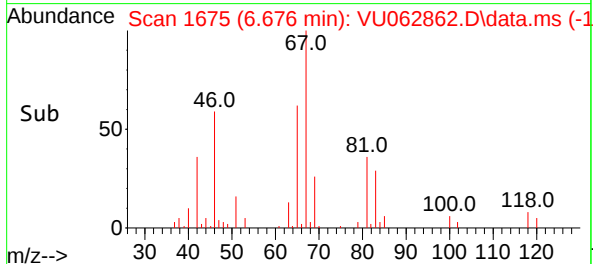
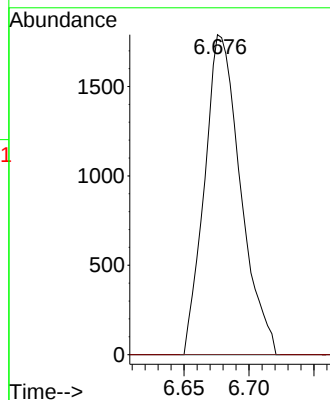
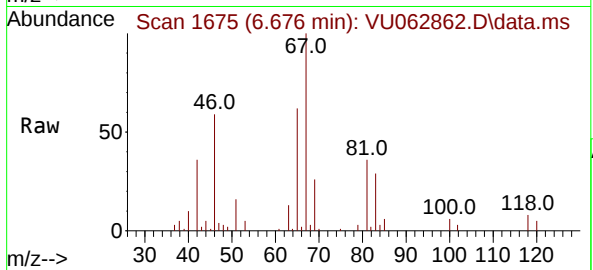




#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062862.D
Acq: 17 Jan 2025 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3449
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.011 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.994 min
Lab File: VU062862.D
Acq: 17 Jan 2025 11:21

Tgt Ion: 75 Resp: 3735
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 40.5 25.9 38.9#

