

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062868.D
 Acq On : 17 Jan 2025 13:48
 Operator : MD/SY
 Sample : Q1072-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 21:59:00 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)

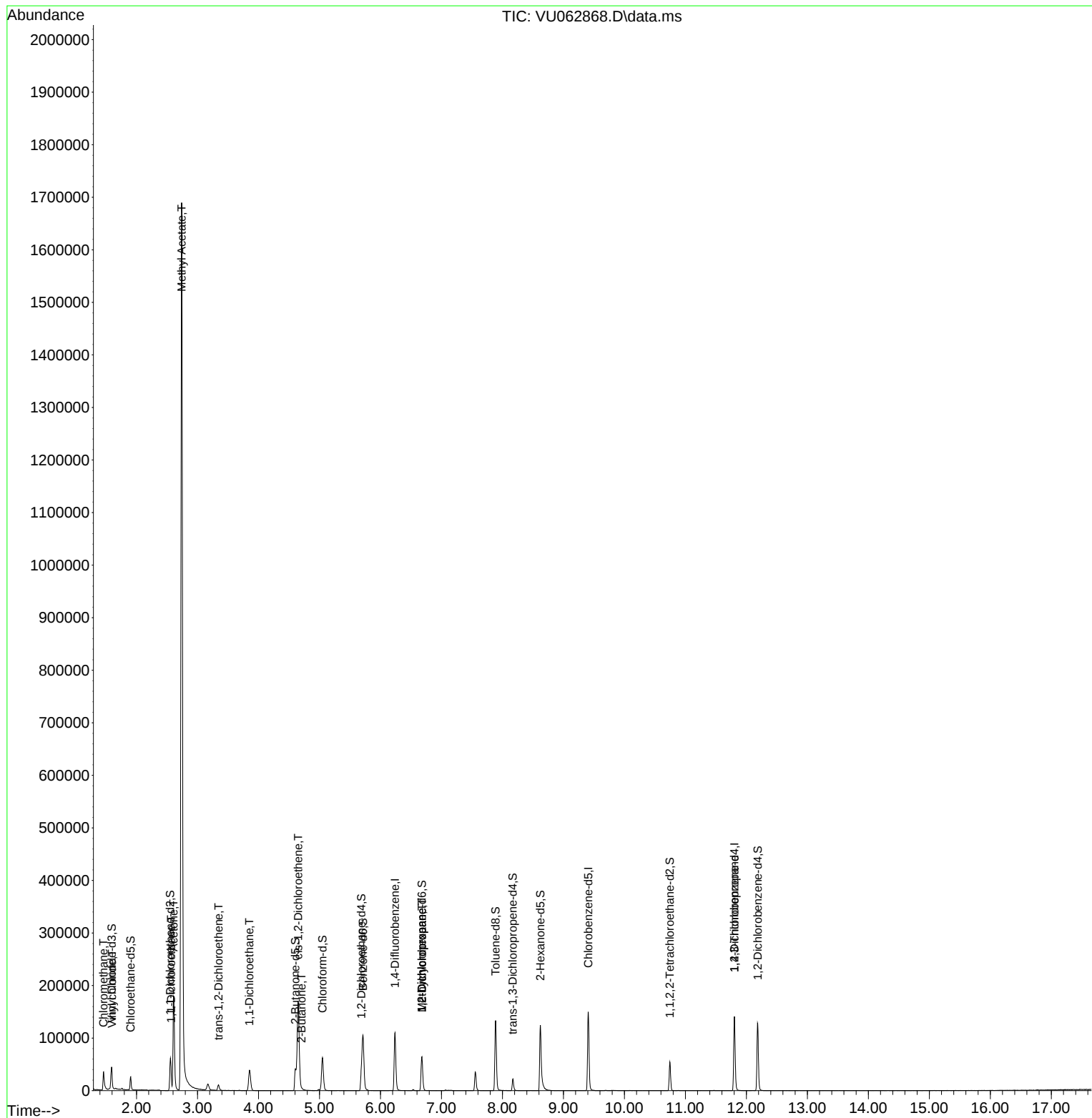
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90615	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20447	4.074	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.904	69	18123	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.554	65	11075	4.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.605	46	56316	54.904	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.800%
24) Chloroform-d	5.049	84	61395	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.689	65	34929	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.714	84	98593	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.679	67	28553	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.888	98	93611	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.171	79	14058	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.621	63	43142	47.142	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24131	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	35415	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.460	50	787	0.136	ug/L #	40
5) Vinyl chloride	1.599	62	1393	0.214	ug/L #	1
12) 1,1-Dichloroethene	2.567	96	1992	0.354	ug/L #	1
13) Acetone	2.608	43	196235	241.507	ug/L	98
15) Methyl Acetate	2.740	43	448025	254.656	ug/L #	44
18) trans-1,2-Dichloroethene	3.345	96	4684	0.777	ug/L	96
19) 1,1-Dichloroethane	3.853	63	42503	3.945	ug/L	91
21) 2-Butanone	4.708	43	3363	3.108	ug/L #	48
22) cis-1,2-Dichloroethene	4.653	96	90194	13.743	ug/L	98
35) Methylcyclohexane	6.679	83	8051	0.774	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3799	0.651	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3712	1.017	ug/L #	51

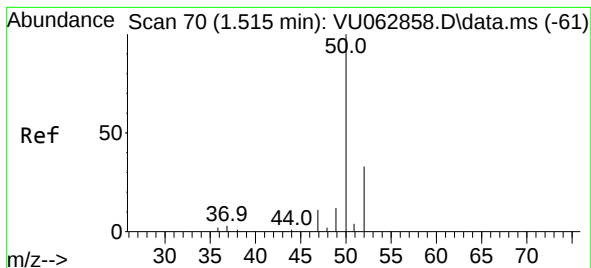
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.136 ug/L

RT: 1.460 min Scan# 51

Delta R.T. -0.055 min

Lab File: VU062868.D

Acq: 17 Jan 2025 13:48

Instrument :

MSVOA_U

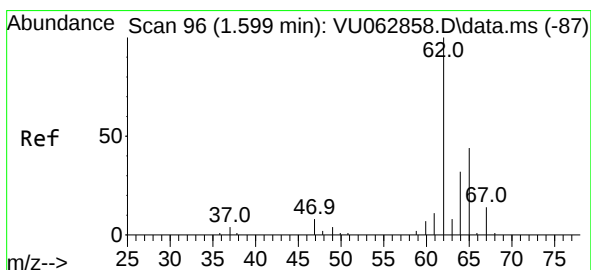
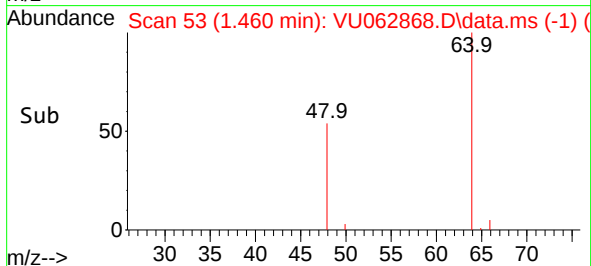
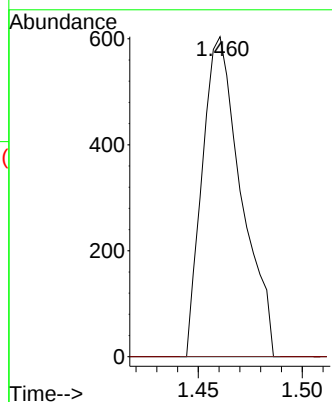
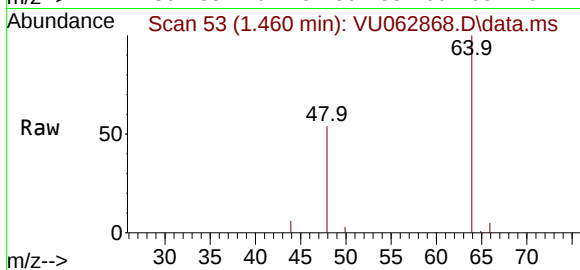
ClientSampleId :

Tgt Ion: 50 Resp: 787

Ion Ratio Lower Upper

50 100

52 0.0 24.1 44.7#



#5

Vinyl chloride

Concen: 0.214 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062868.D

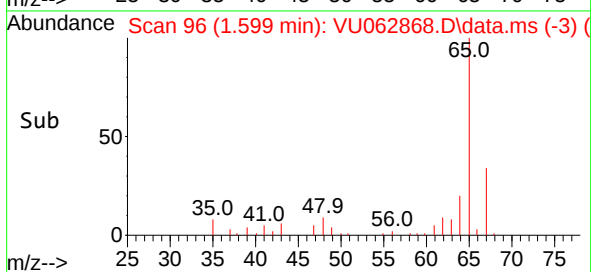
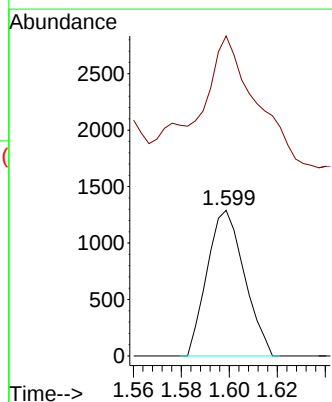
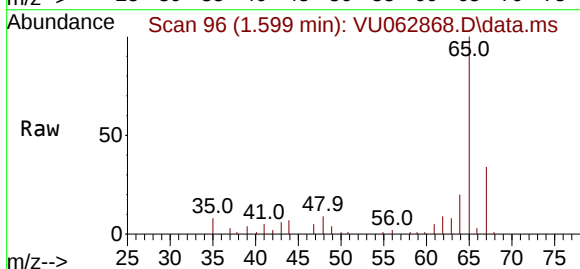
Acq: 17 Jan 2025 13:48

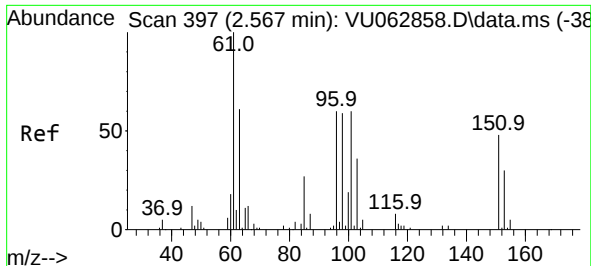
Tgt Ion: 62 Resp: 1393

Ion Ratio Lower Upper

62 100

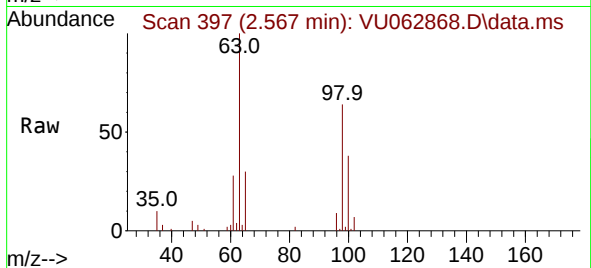
64 219.7 23.4 43.4#



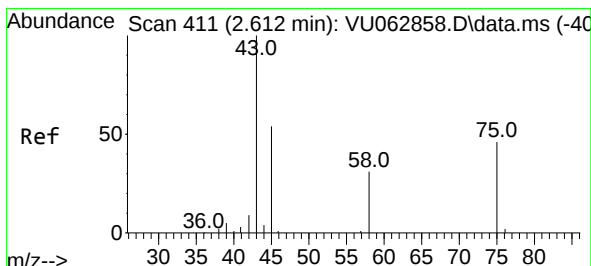
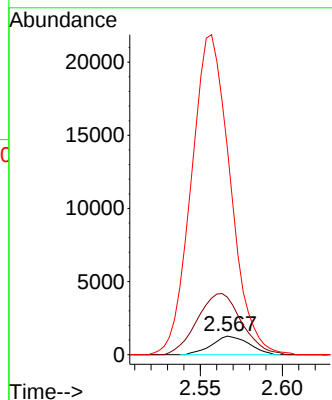
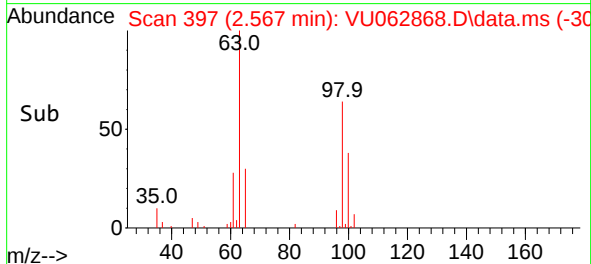


#12
1,1-Dichloroethene
Concen: 0.354 ug/L
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

Instrument :
MSVOA_U
ClientSampleId :

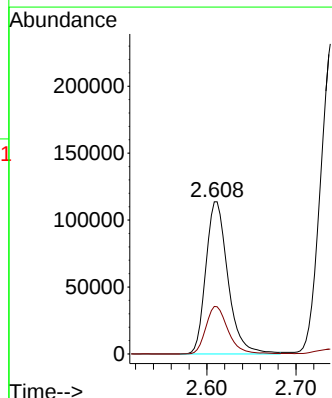
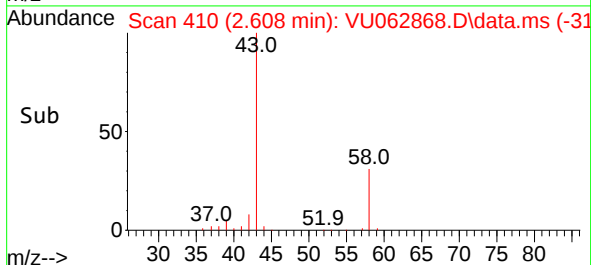
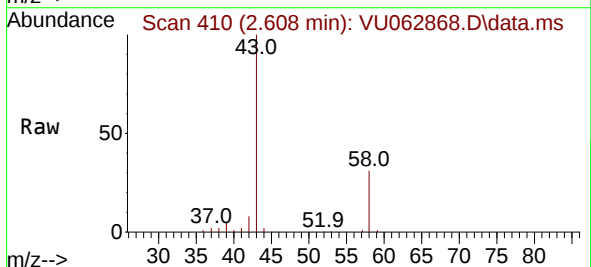


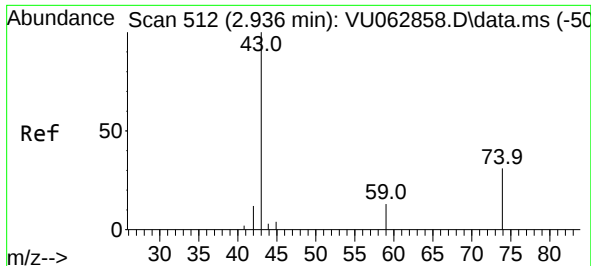
Tgt Ion: 96 Resp: 1992
Ion Ratio Lower Upper
96 100
61 308.4 120.4 223.6#
63 1107.4 82.3 152.9#



#13
Acetone
Concen: 241.507 ug/L
RT: 2.608 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

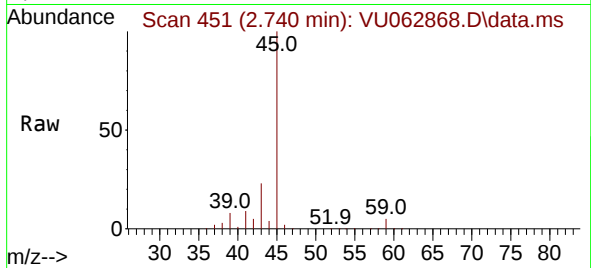
Tgt Ion: 43 Resp: 196235
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.4



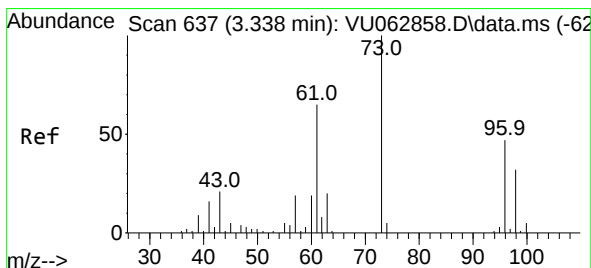
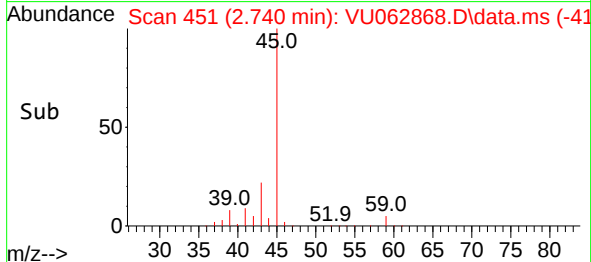
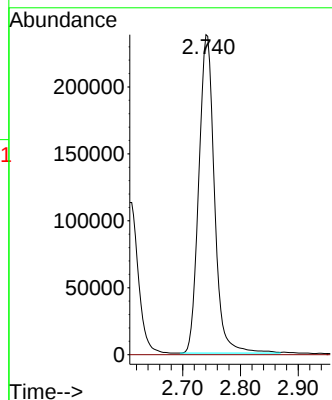


#15
Methyl Acetate
Concen: 254.656 ug/L
RT: 2.740 min Scan# 411
Delta R.T. -0.196 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

Instrument :
MSVOA_U
ClientSampleId :

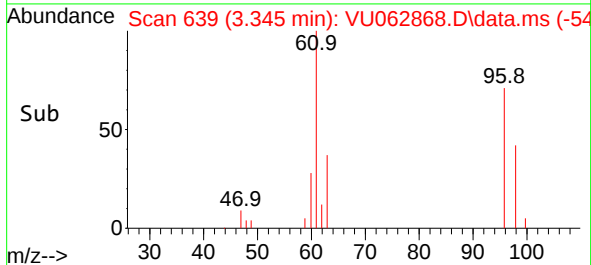
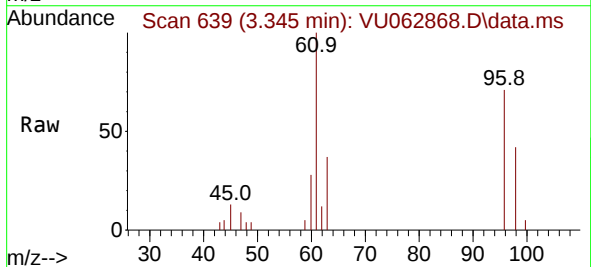
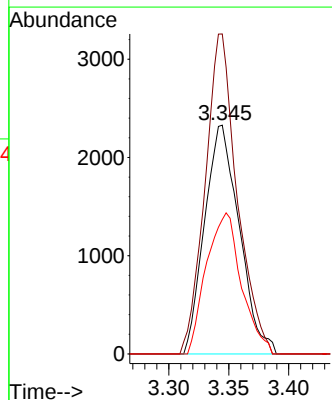


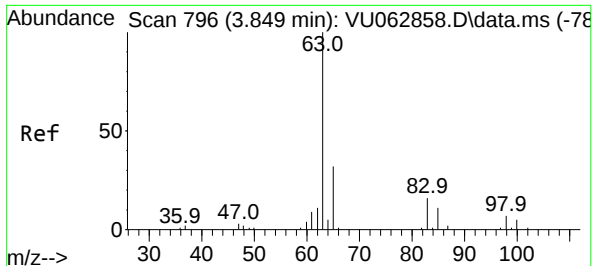
Tgt Ion: 43 Resp: 448025
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#18
trans-1,2-Dichloroethene
Concen: 0.777 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.006 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

Tgt Ion: 96 Resp: 4684
Ion Ratio Lower Upper
96 100
61 139.9 94.4 175.2
98 58.8 42.8 79.4





#19

1,1-Dichloroethane

Concen: 3.945 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062868.D

Acq: 17 Jan 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

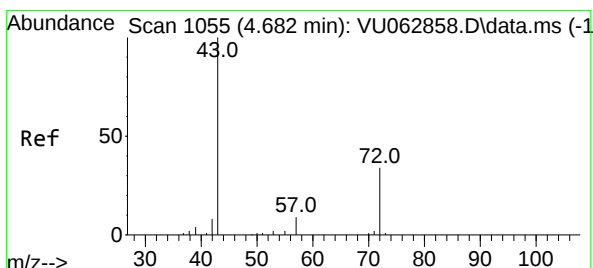
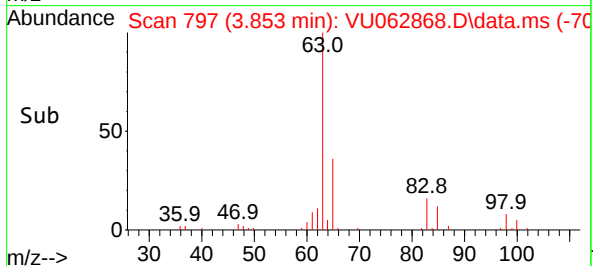
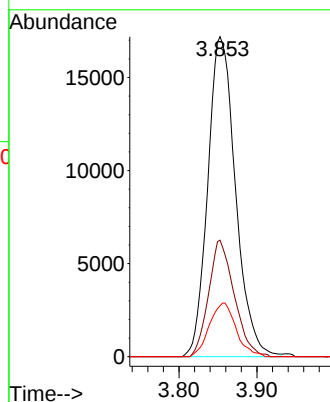
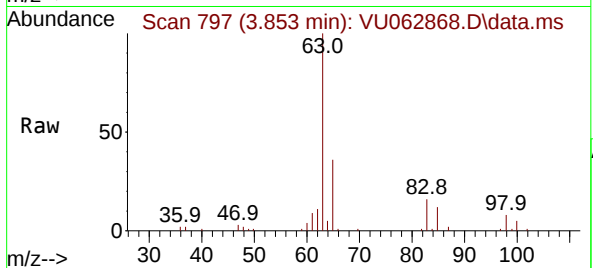
Tgt Ion: 63 Resp: 42503

Ion Ratio Lower Upper

63 100

65 36.4 20.7 38.5

83 15.9 10.5 19.5



#21

2-Butanone

Concen: 3.108 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.026 min

Lab File: VU062868.D

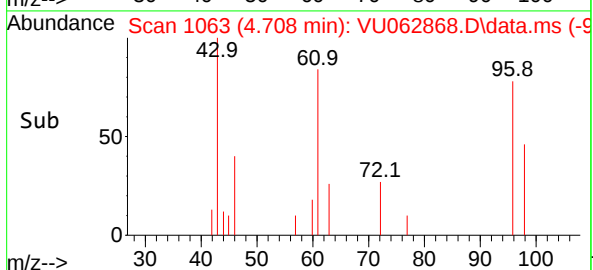
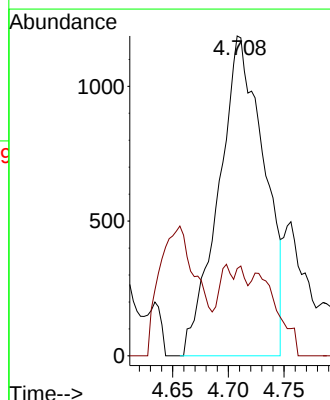
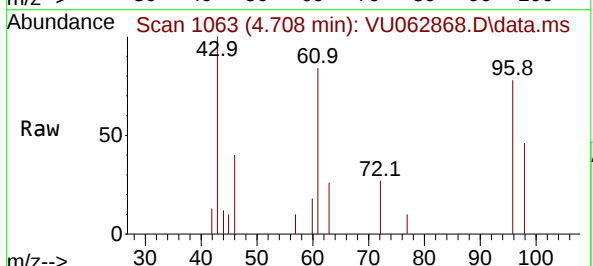
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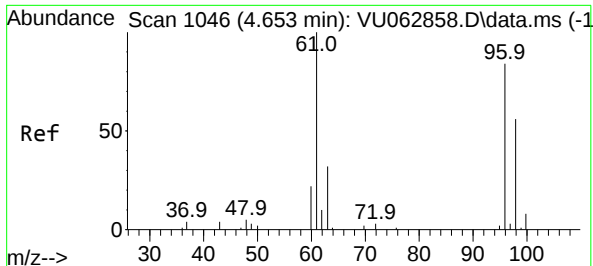
Tgt Ion: 43 Resp: 3363

Ion Ratio Lower Upper

43 100

72 4.1 17.1 51.2#





#22

cis-1,2-Dichloroethene

Concen: 13.743 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU062868.D

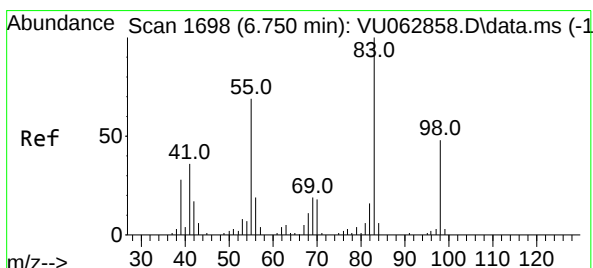
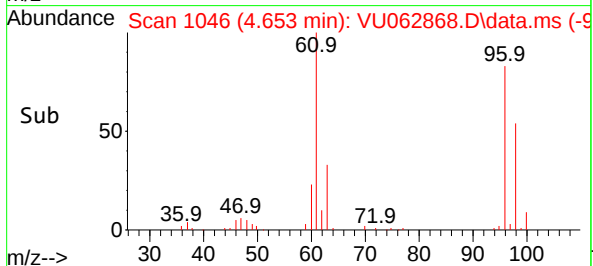
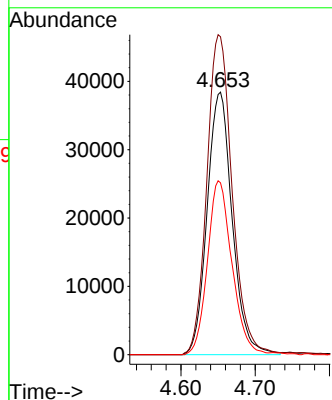
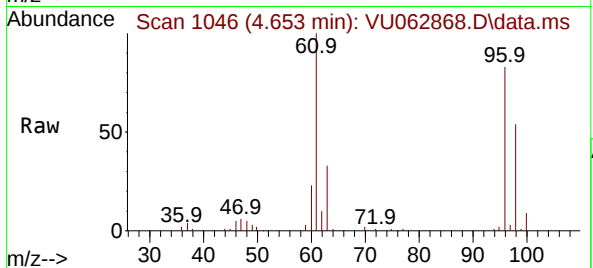
Acq: 17 Jan 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	90194
Ion	Ratio	Lower	Upper
96	100		
61	121.1	84.8	157.6
98	65.5	43.1	80.1



#35

Methylcyclohexane

Concen: 0.774 ug/L

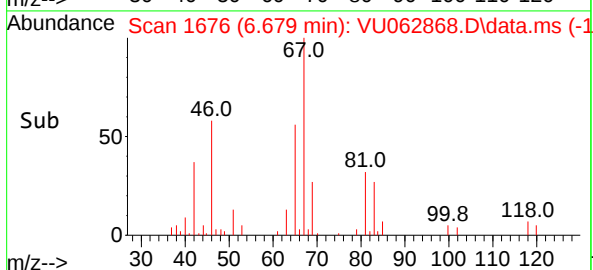
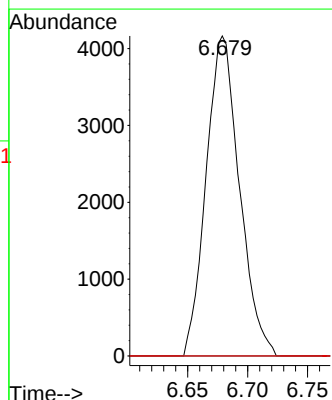
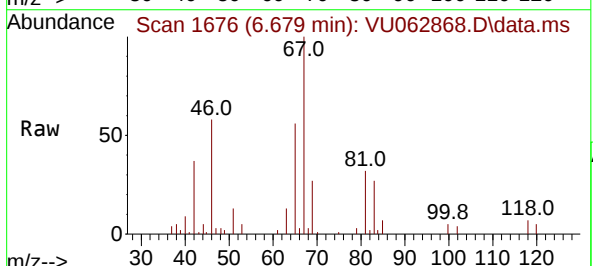
RT: 6.679 min Scan# 1676

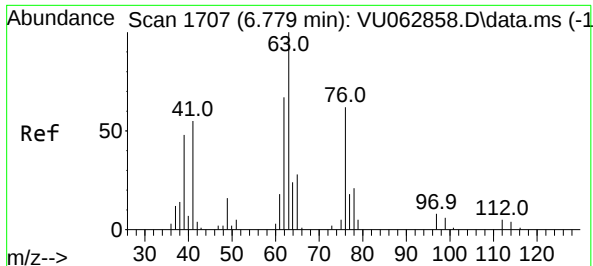
Delta R.T. -0.071 min

Lab File: VU062868.D

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Tgt Ion:	83	Resp:	8051
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.0	36.6	55.0#

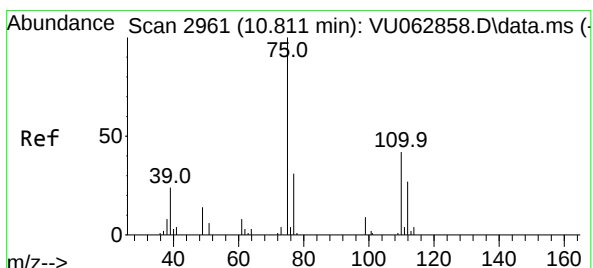
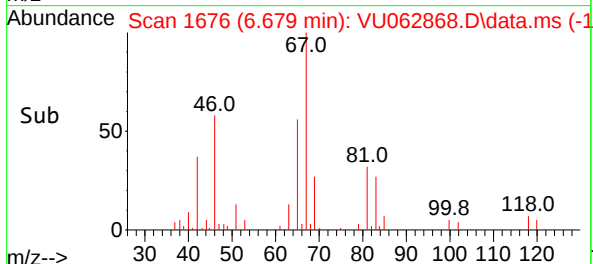
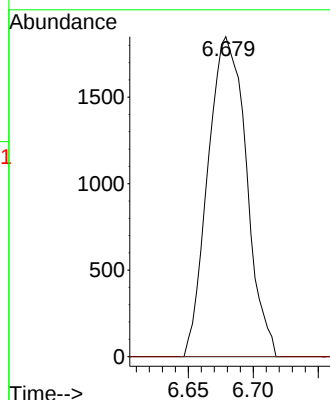
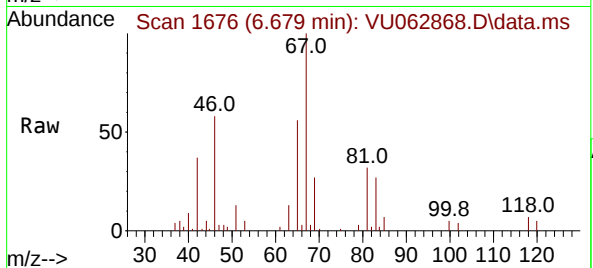




#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3799
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.017 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.994 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

Tgt Ion: 75 Resp: 3712
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 47.5 25.9 38.9#

