

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062866.D
 Acq On : 17 Jan 2025 12:59
 Operator : MD/SY
 Sample : Q1072-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 21:57:40 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)

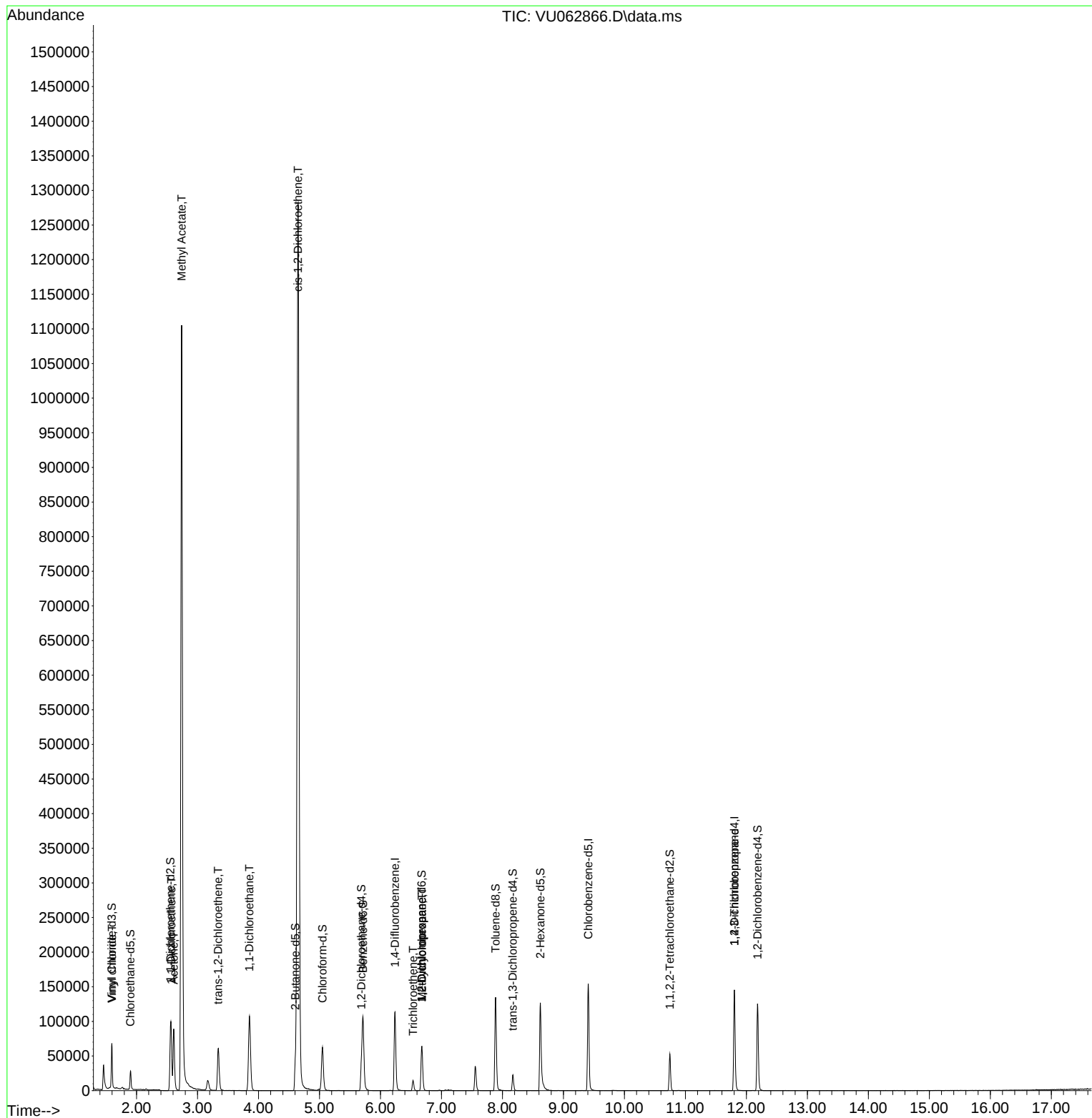
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92752	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20642	4.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.901	69	19121	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.557	65	11036	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.605	46	54766	52.163	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.320%
24) Chloroform-d	5.049	84	61390	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.689	65	35275	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.714	84	98586	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.676	67	28596	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.888	98	93403	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.171	79	14325	4.858	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.621	63	44520	48.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23790	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	35351	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3054	0.457	ug/L #	1
12) 1,1-Dichloroethene	2.570	96	21587	3.749	ug/L	95
13) Acetone	2.611	43	97024	116.656	ug/L	98
15) Methyl Acetate	2.740	43	296079	164.413	ug/L #	44
18) trans-1,2-Dichloroethene	3.338	96	26859	4.354	ug/L	98
19) 1,1-Dichloroethane	3.853	63	118491	10.743	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	698452	103.972	ug/L	97
34) Trichloroethene	6.534	95	5268	0.615	ug/L	88
35) Methylcyclohexane	6.679	83	8528	0.809	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	4012	0.678	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3923	1.071	ug/L #	59

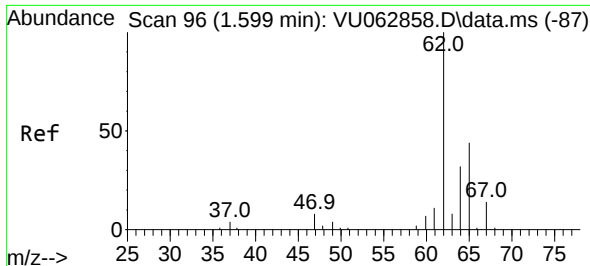
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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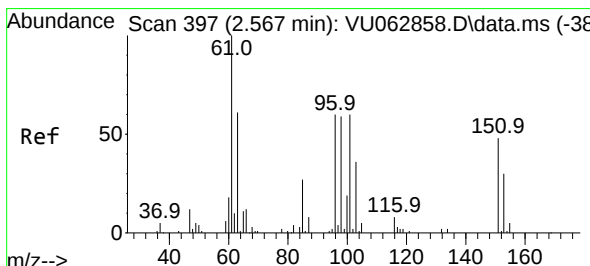
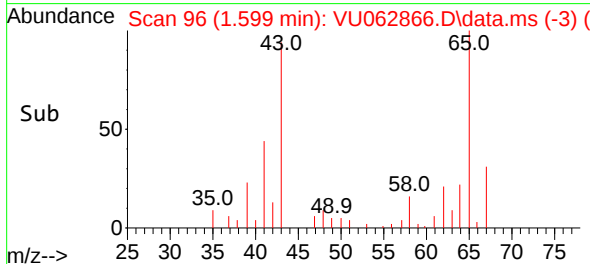
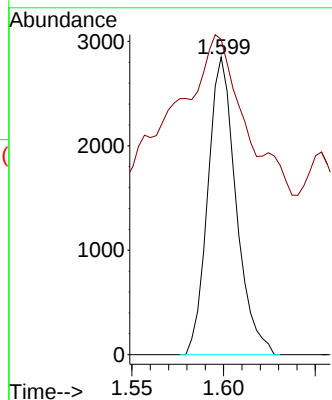
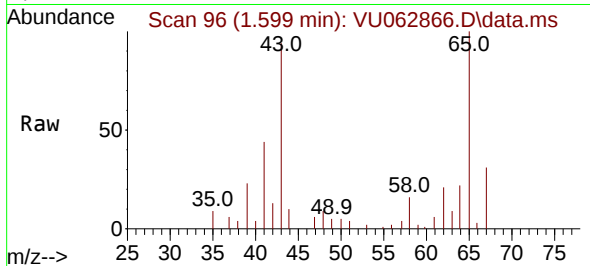




#5
Vinyl chloride
Concen: 0.457 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.000 min
Lab File: VU062866.D
Acq: 17 Jan 2025 12:59

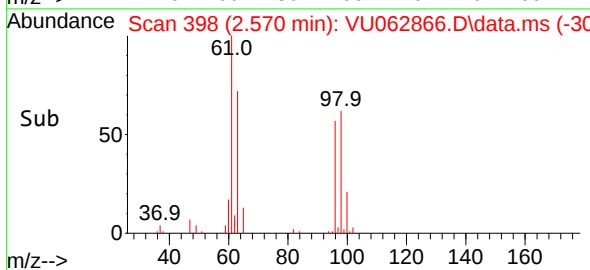
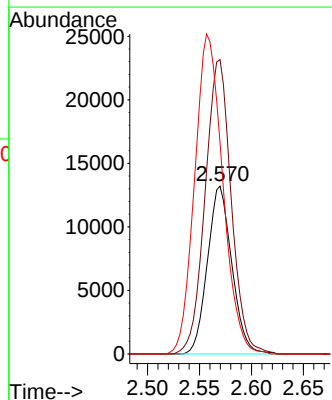
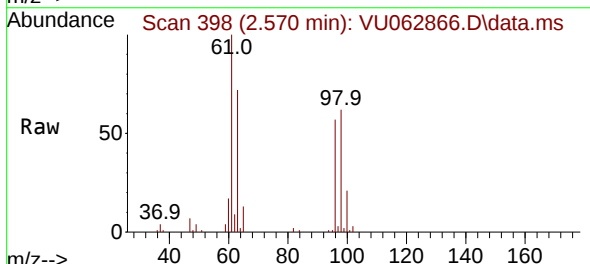
Instrument :
MSVOA_U
ClientSampleId :

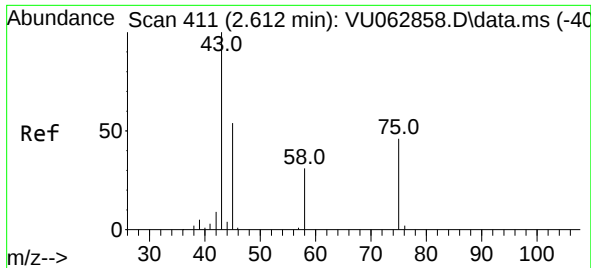
Tgt Ion: 62 Resp: 3054
Ion Ratio Lower Upper
62 100
64 106.0 23.4 43.4#



#12
1,1-Dichloroethene
Concen: 3.749 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062866.D
Acq: 17 Jan 2025 12:59

Tgt Ion: 96 Resp: 21587
Ion Ratio Lower Upper
96 100
61 175.4 120.4 223.6
63 125.9 82.3 152.9





#13

Acetone

Concen: 116.656 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU062866.D

Acq: 17 Jan 2025 12:59

Instrument :

MSVOA_U

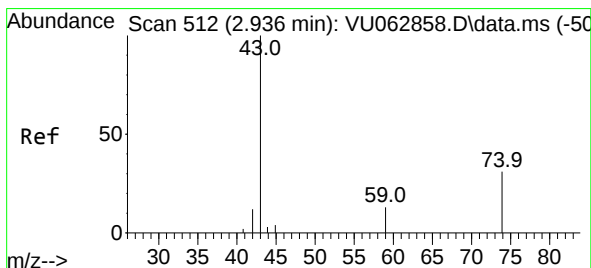
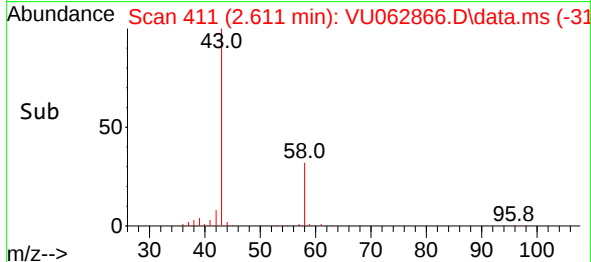
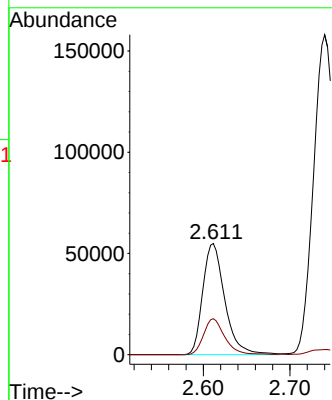
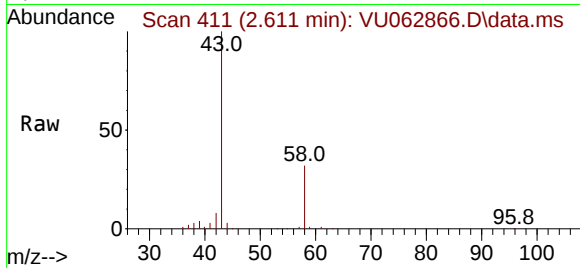
ClientSampleId :

Tgt Ion: 43 Resp: 97024

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.4



#15

Methyl Acetate

Concen: 164.413 ug/L

RT: 2.740 min Scan# 451

Delta R.T. -0.196 min

Lab File: VU062866.D

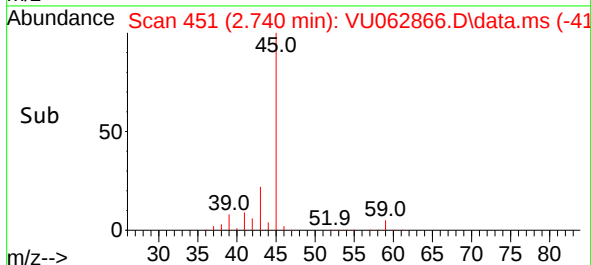
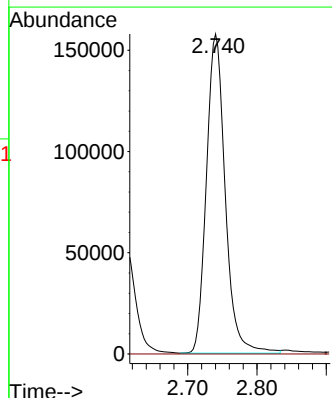
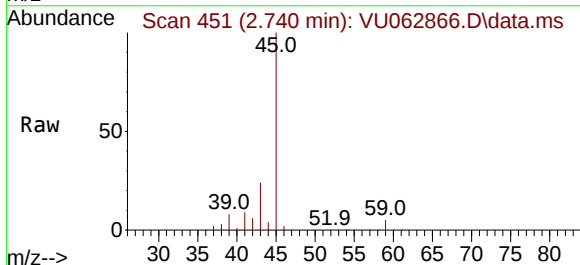
Acq: 17 Jan 2025 12:59

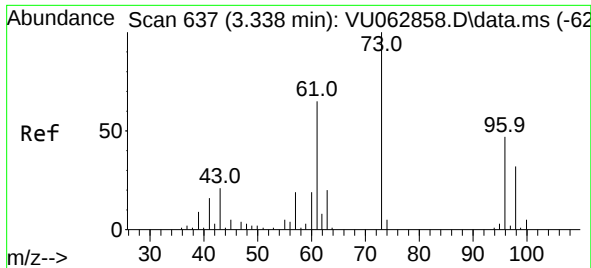
Tgt Ion: 43 Resp: 296079

Ion Ratio Lower Upper

43 100

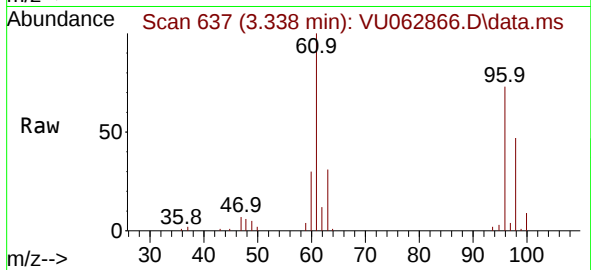
74 0.0 24.4 36.6#



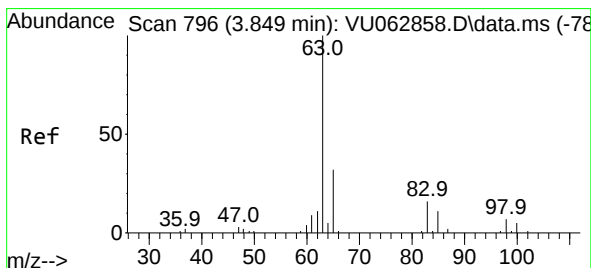
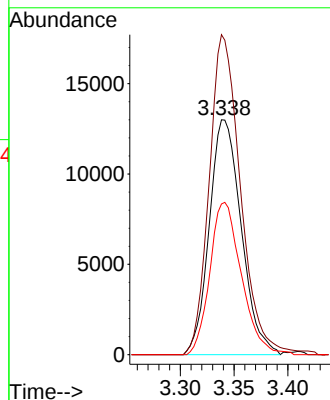
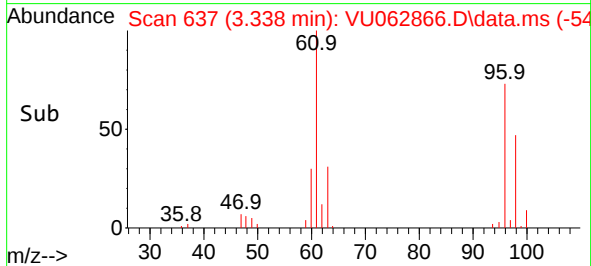


#18
trans-1,2-Dichloroethene
Concen: 4.354 ug/L
RT: 3.338 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU062866.D
Acq: 17 Jan 2025 12:59

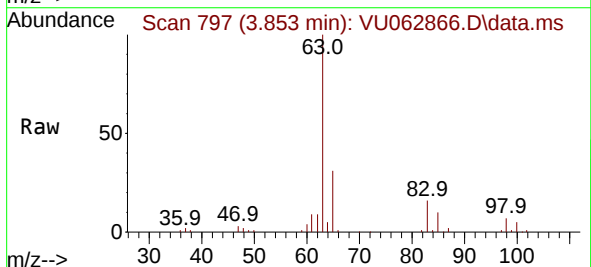
Instrument :
MSVOA_U
ClientSampleId :



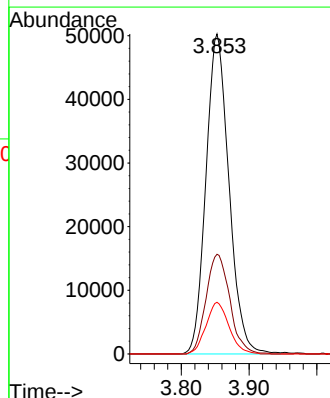
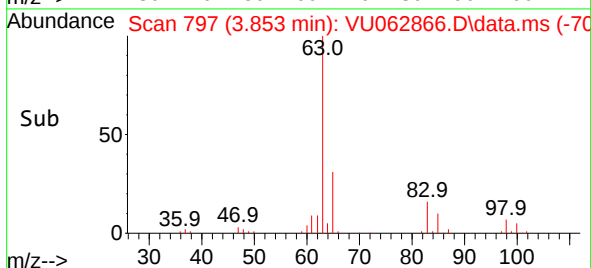
Tgt Ion: 96 Resp: 26859
Ion Ratio Lower Upper
96 100
61 136.3 94.4 175.2
98 64.2 42.8 79.4

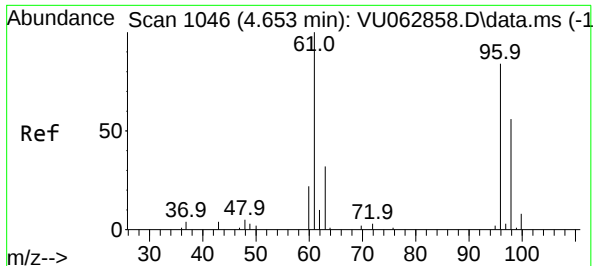


#19
1,1-Dichloroethane
Concen: 10.743 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062866.D
Acq: 17 Jan 2025 12:59



Tgt Ion: 63 Resp: 118491
Ion Ratio Lower Upper
63 100
65 31.1 20.7 38.5
83 16.1 10.5 19.5

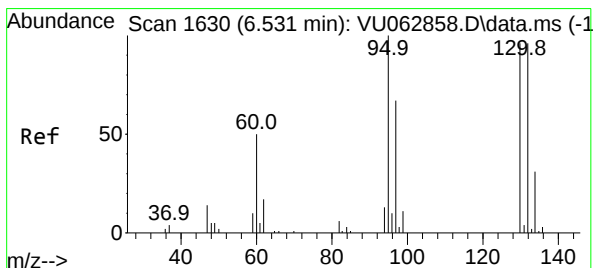
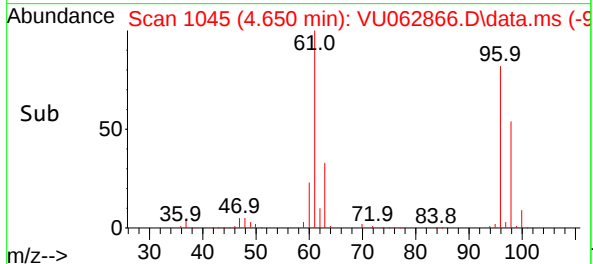
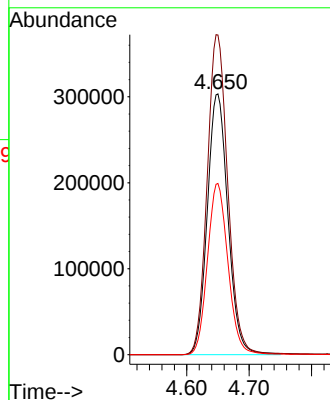
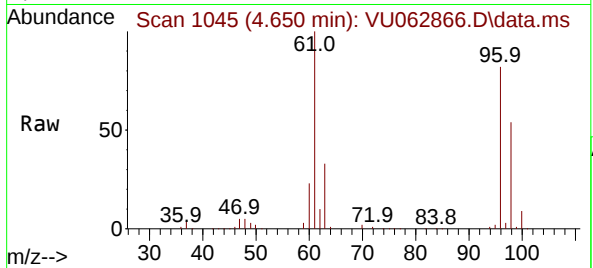




#22
 cis-1,2-Dichloroethene
 Concen: 103.972 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062866.D
 Acq: 17 Jan 2025 12:59

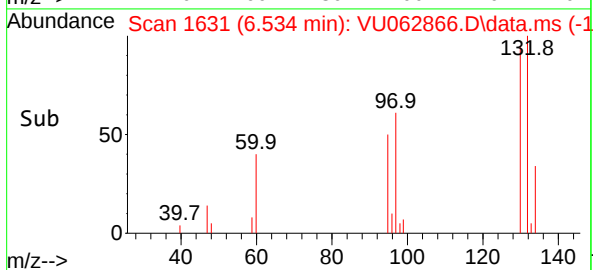
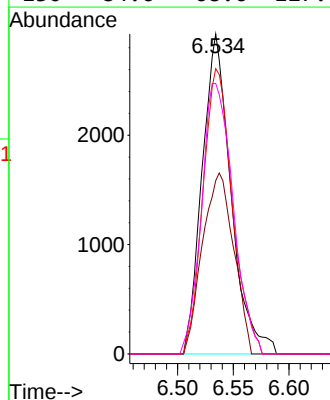
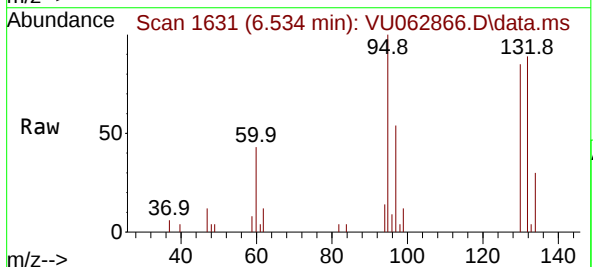
Instrument :
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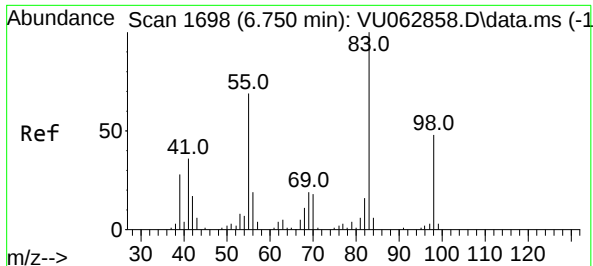
Tgt Ion: 96 Resp: 698452
 Ion Ratio Lower Upper
 96 100
 61 122.6 84.8 157.6
 98 65.7 43.1 80.1



#34
 Trichloroethene
 Concen: 0.615 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062866.D
 Acq: 17 Jan 2025 12:59

Tgt Ion: 95 Resp: 5268
 Ion Ratio Lower Upper
 95 100
 97 54.1 47.5 88.3
 132 89.1 66.9 124.3
 130 84.6 68.6 127.4

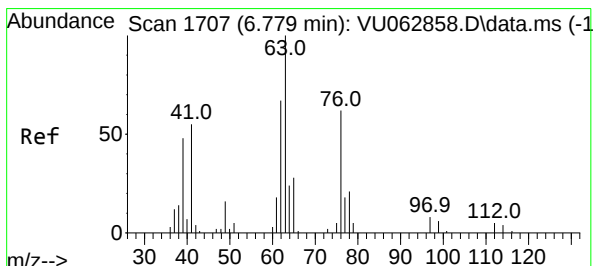
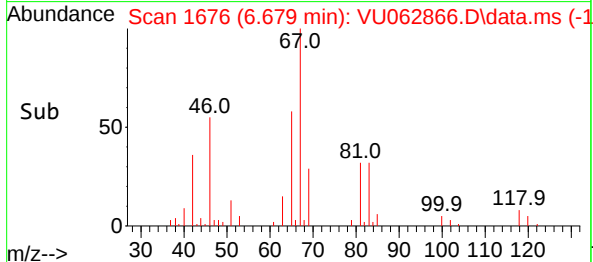
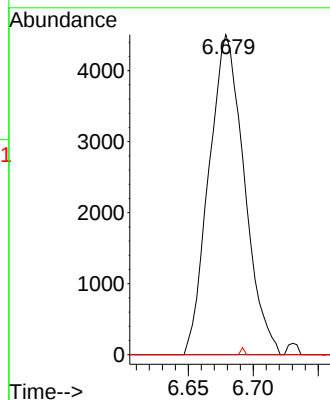
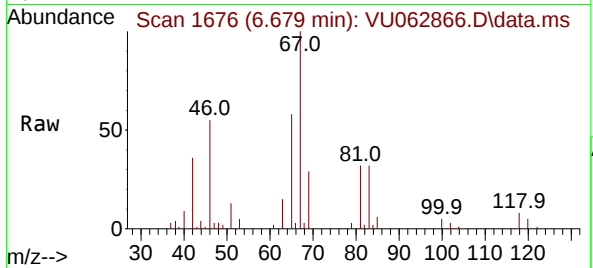




#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062866.D
Acq: 17 Jan 2025 12:59

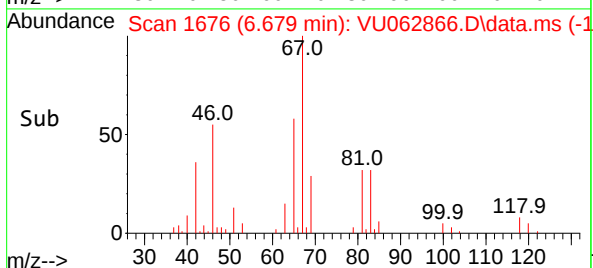
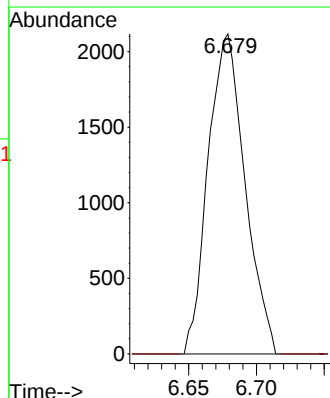
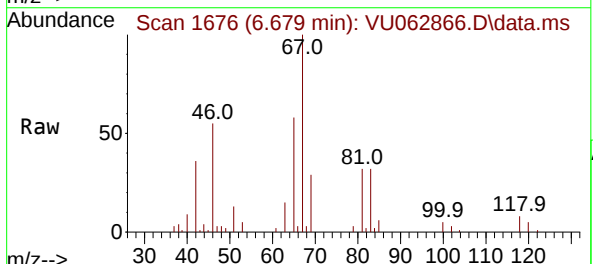
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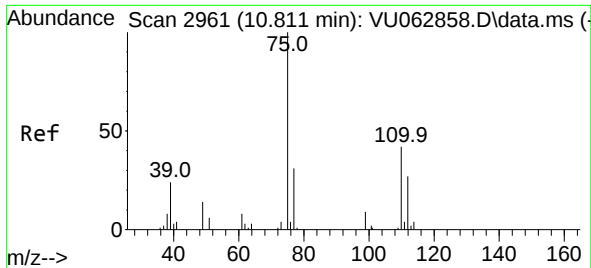
Tgt Ion: 83 Resp: 8528
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.2 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062866.D
Acq: 17 Jan 2025 12:59

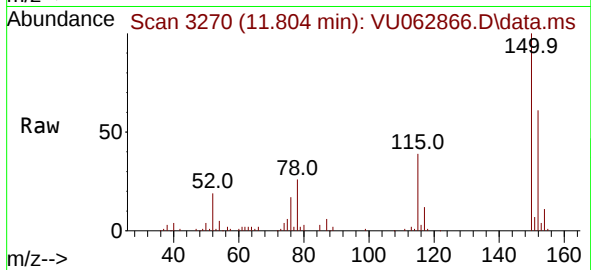
Tgt Ion: 63 Resp: 4012
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.071 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU062866.D
 Acq: 17 Jan 2025 12:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3923
 Ion Ratio Lower Upper
 75 100
 110 0.5 33.2 49.8#
 77 38.0 25.9 38.9

