

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062769.D
 Acq On : 15 Jan 2025 15:59
 Operator : MD/SY
 Sample : Q1071-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:48:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

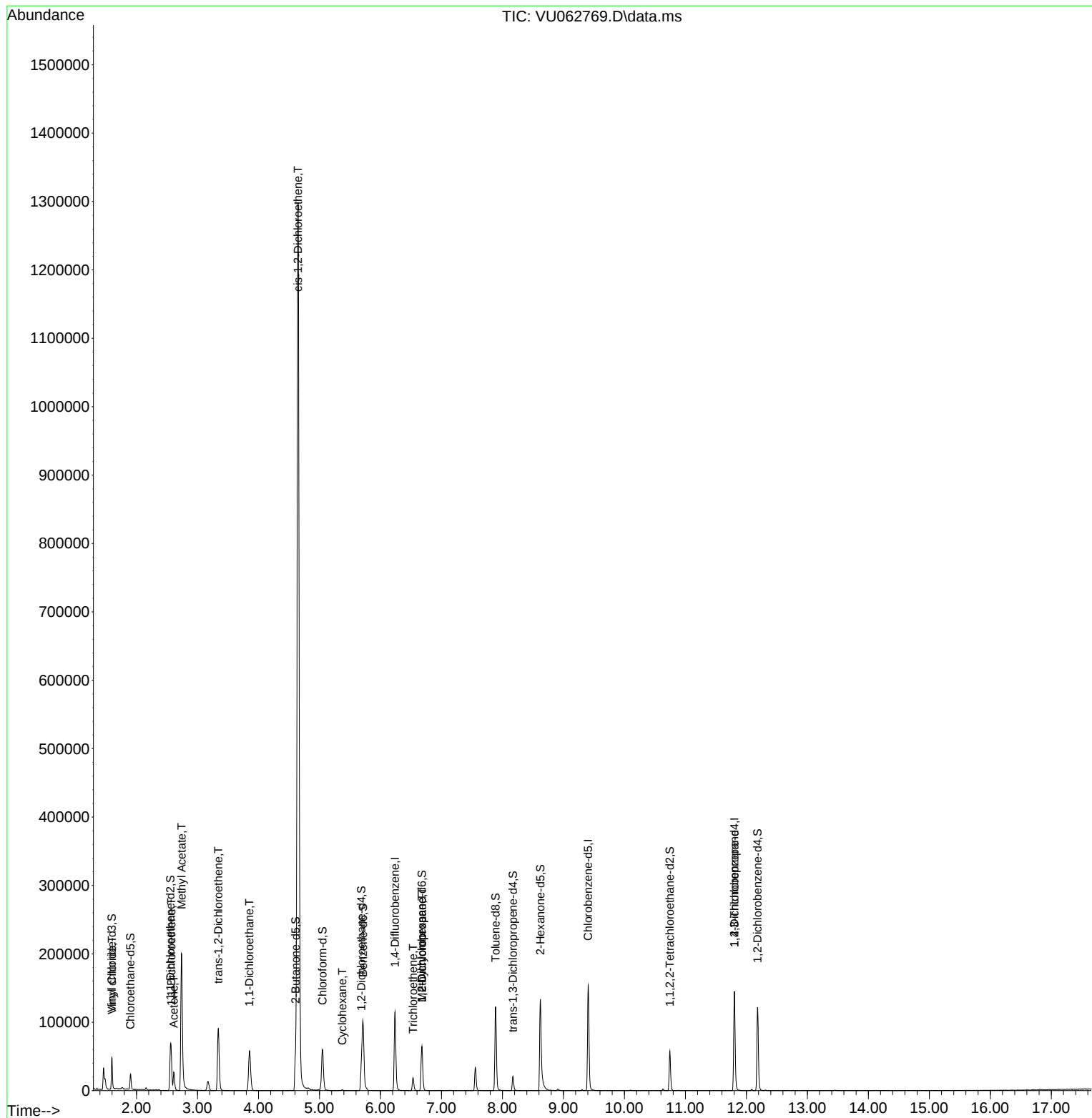
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93507	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	87320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16825	3.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.901	69	16154	3.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.557	65	9037	3.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.608	46	60821	57.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	5.049	84	58563	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.689	65	34999	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.714	84	96330	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.679	67	28286	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	85050	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.174	79	13017	4.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.621	63	48776	52.571	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26564	5.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	34688	4.882	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	11005	1.635	ug/L	85
12) 1,1-Dichloroethene	2.570	96	12483	2.151	ug/L #	81
13) Acetone	2.611	43	29118	34.727	ug/L	100
15) Methyl Acetate	2.740	43	55395	30.512	ug/L #	44
18) trans-1,2-Dichloroethene	3.341	96	40222	6.468	ug/L	98
19) 1,1-Dichloroethane	3.853	63	64544	5.805	ug/L	93
22) cis-1,2-Dichloroethene	4.650	96	707477	104.465	ug/L	98
30) Cyclohexane	5.373	56	746	0.086	ug/L #	69
34) Trichloroethene	6.537	95	6825	0.796	ug/L	96
35) Methylcyclohexane	6.679	83	7815	0.741	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3772	0.637	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3697	0.976	ug/L #	57

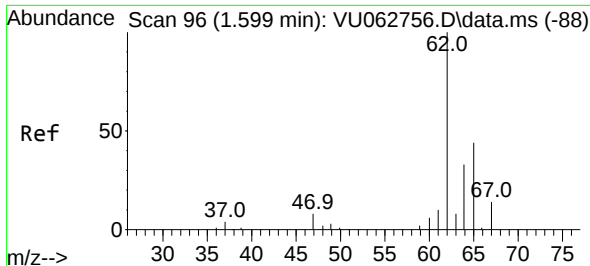
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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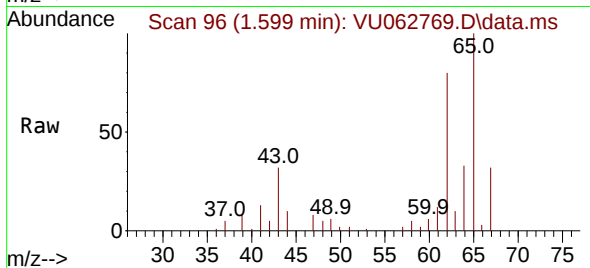
Quant Time: Jan 16 00:48:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
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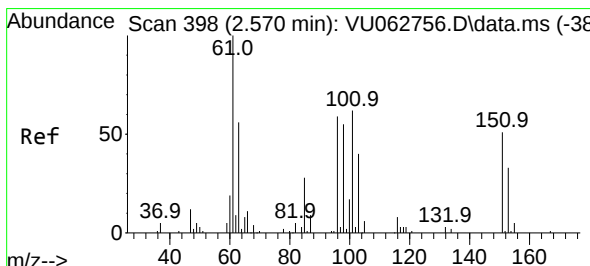
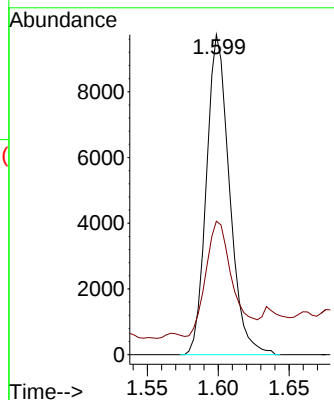
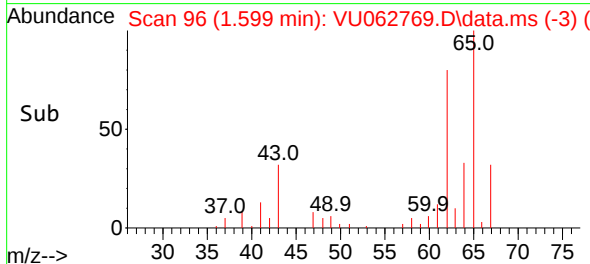


#5
 Vinyl chloride
 Concen: 1.635 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062769.D
 Acq: 15 Jan 2025 15:59

Instrument :
 MSVOA_U
 ClientSampleId :

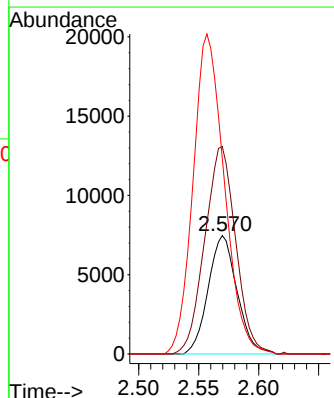
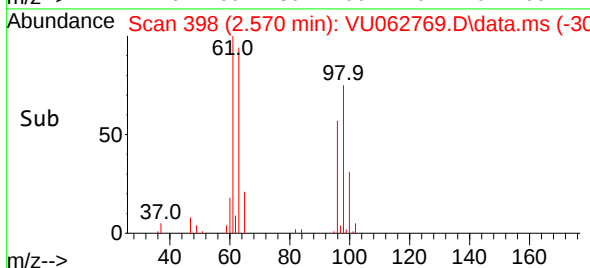
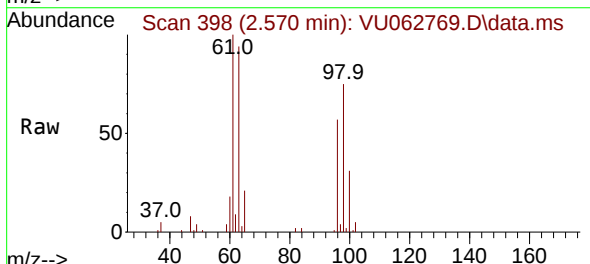


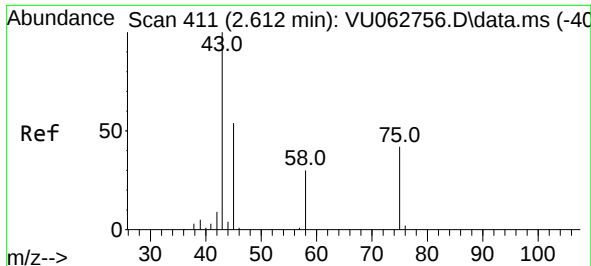
Tgt Ion: 62 Resp: 11005
 Ion Ratio Lower Upper
 62 100
 64 41.7 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 2.151 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062769.D
 Acq: 15 Jan 2025 15:59

Tgt Ion: 96 Resp: 12483
 Ion Ratio Lower Upper
 96 100
 61 175.3 120.4 223.6
 63 165.4 82.3 152.9





#13

Acetone

Concen: 34.727 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

Instrument :

MSVOA_U

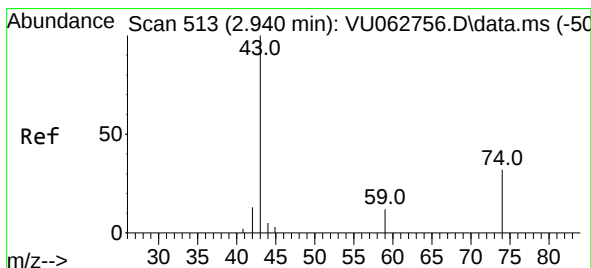
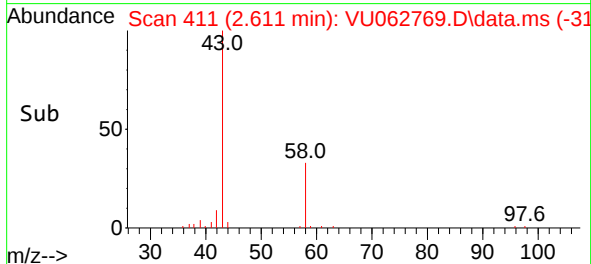
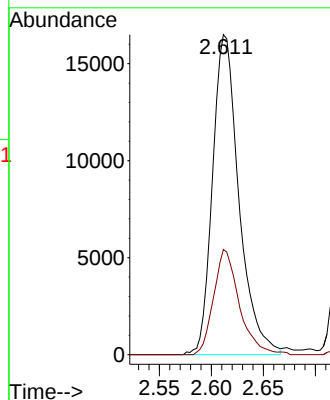
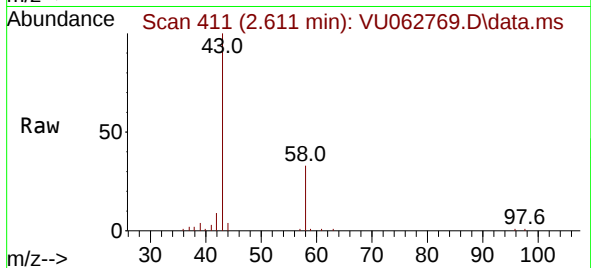
ClientSampleId :

Tgt Ion: 43 Resp: 29118

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.4



#15

Methyl Acetate

Concen: 30.512 ug/L

RT: 2.740 min Scan# 451

Delta R.T. -0.199 min

Lab File: VU062769.D

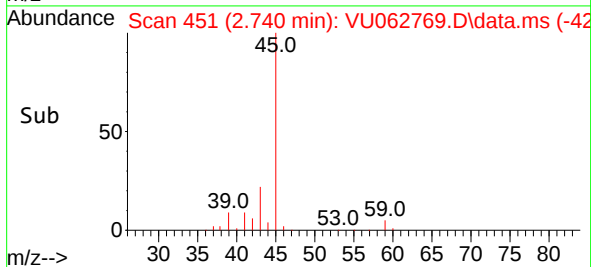
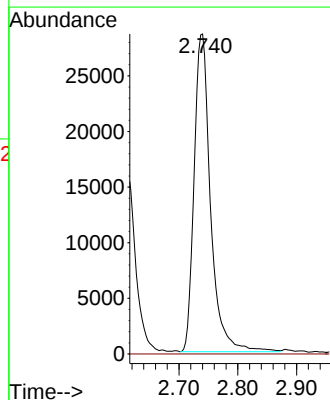
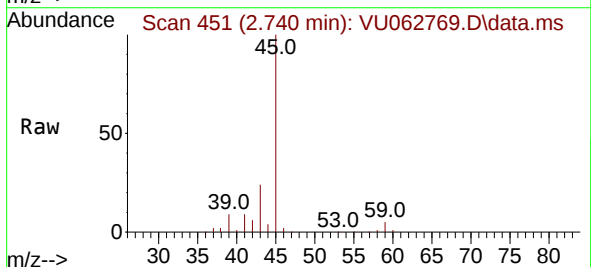
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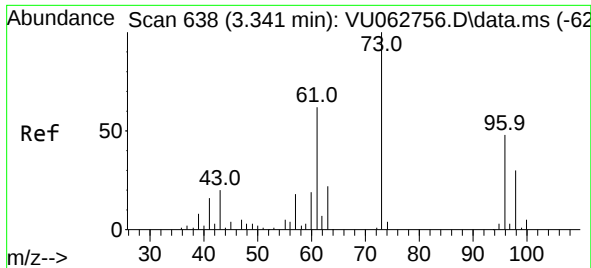
Tgt Ion: 43 Resp: 55395

Ion Ratio Lower Upper

43 100

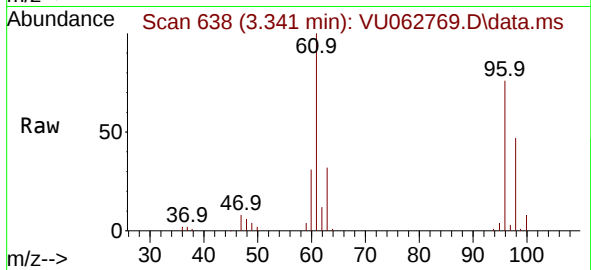
74 0.0 24.4 36.6#





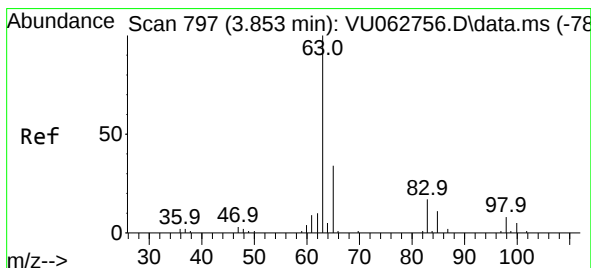
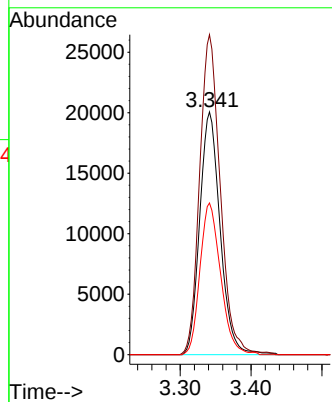
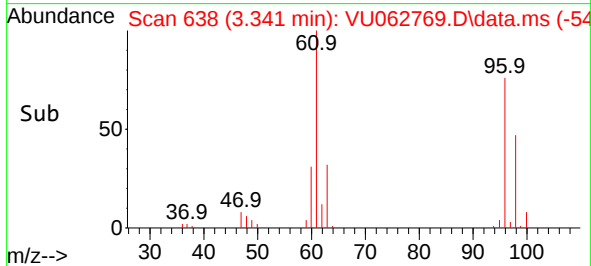
#18
 trans-1,2-Dichloroethene
 Concen: 6.468 ug/L
 RT: 3.341 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VU062769.D
 Acq: 15 Jan 2025 15:59

Instrument :
 MSVOA_U
 ClientSampleId :

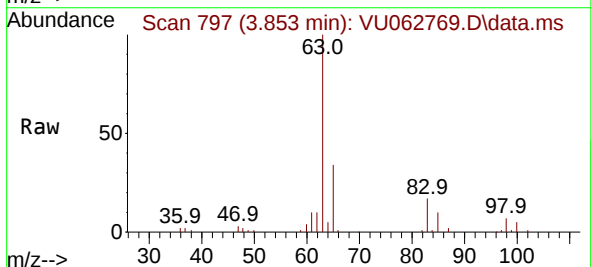


Tgt Ion: 96 Resp: 40222

Ion	Ratio	Lower	Upper
96	100		
61	131.8	94.4	175.2
98	62.5	42.8	79.4

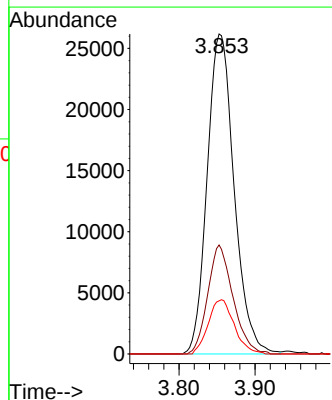
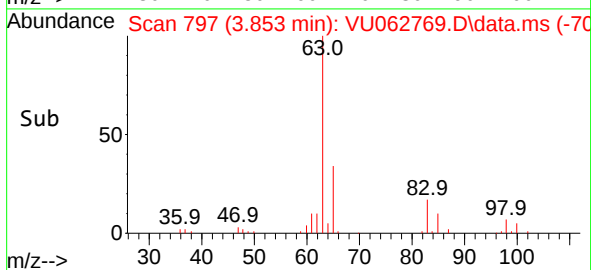


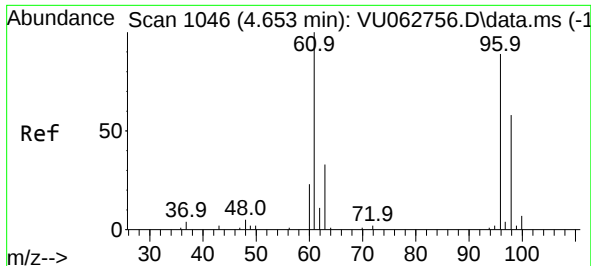
#19
 1,1-Dichloroethane
 Concen: 5.805 ug/L
 RT: 3.853 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VU062769.D
 Acq: 15 Jan 2025 15:59



Tgt Ion: 63 Resp: 64544

Ion	Ratio	Lower	Upper
63	100		
65	34.0	20.7	38.5
83	16.6	10.5	19.5

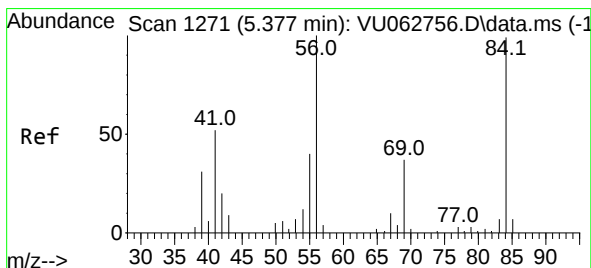
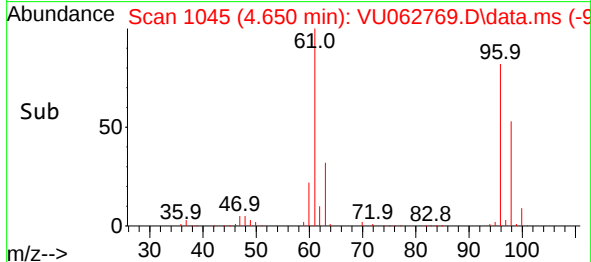
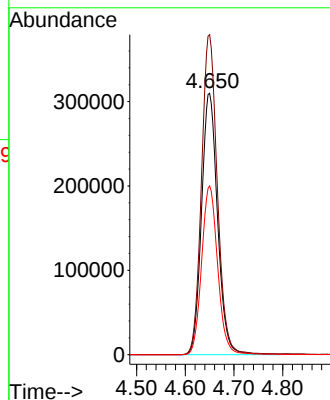
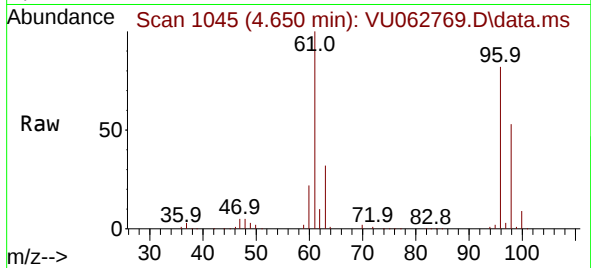




#22
 cis-1,2-Dichloroethene
 Concen: 104.465 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062769.D
 Acq: 15 Jan 2025 15:59

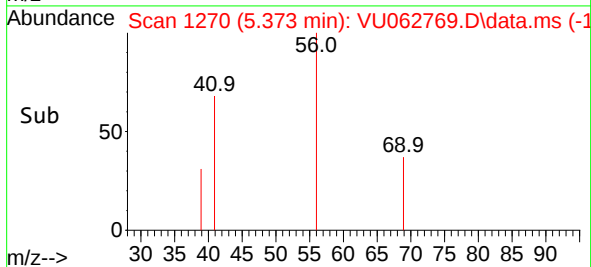
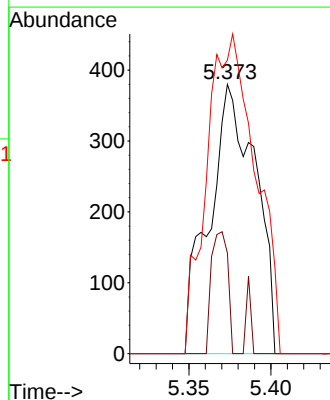
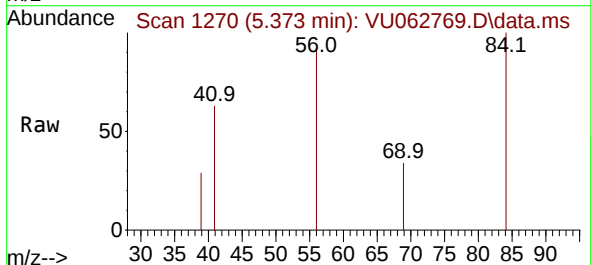
Instrument :
 MSVOA_U
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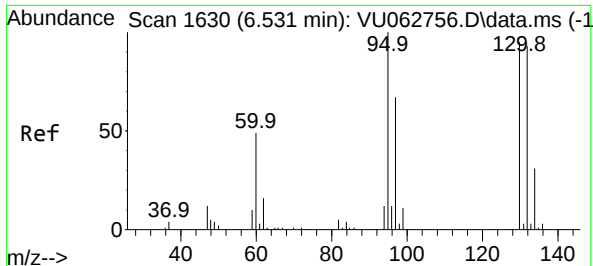
Tgt Ion: 96 Resp: 707477
 Ion Ratio Lower Upper
 96 100
 61 122.4 84.8 157.6
 98 64.6 43.1 80.1



#30
 Cyclohexane
 Concen: 0.086 ug/L
 RT: 5.373 min Scan# 1270
 Delta R.T. -0.003 min
 Lab File: VU062769.D
 Acq: 15 Jan 2025 15:59

Tgt Ion: 56 Resp: 746
 Ion Ratio Lower Upper
 56 100
 69 16.0 28.3 42.5#
 84 125.3 76.5 114.7#





#34

Trichloroethene

Concen: 0.796 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6825

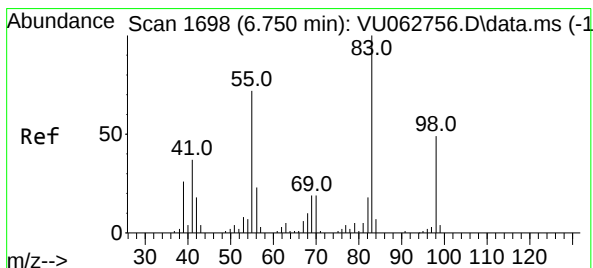
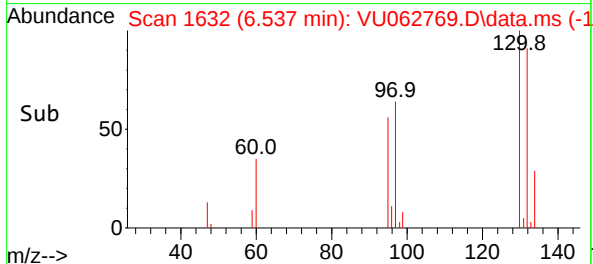
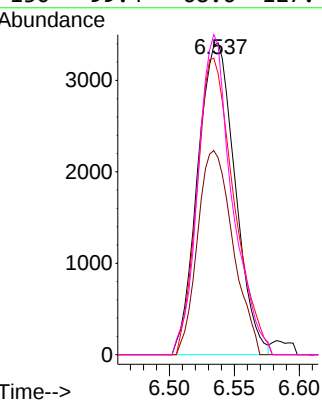
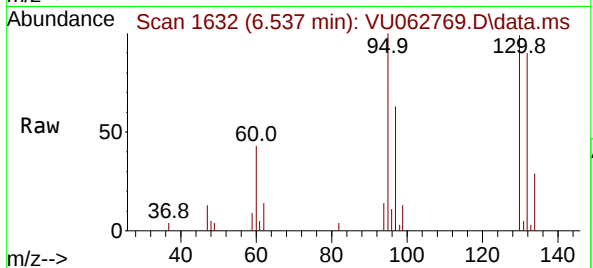
Ion Ratio Lower Upper

95 100

97 63.1 47.5 88.3

132 90.1 66.9 124.3

130 99.4 68.6 127.4



#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

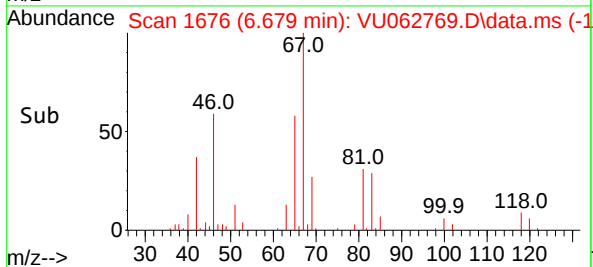
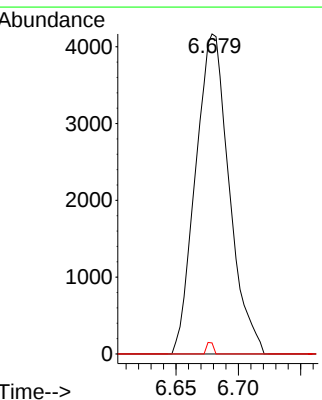
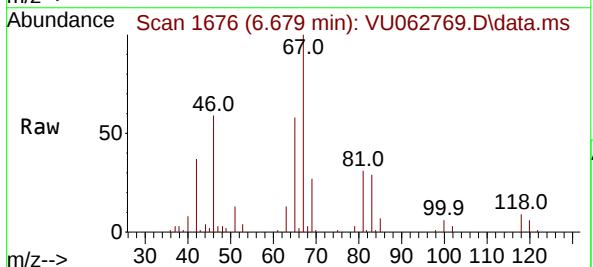
Tgt Ion: 83 Resp: 7815

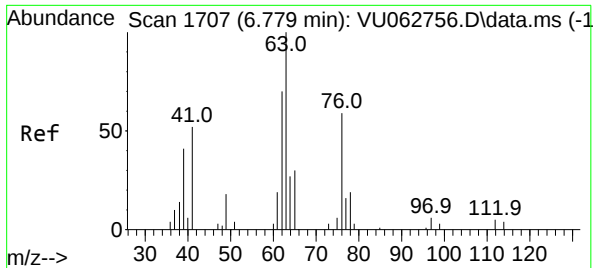
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.7 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

Instrument :

MSVOA_U

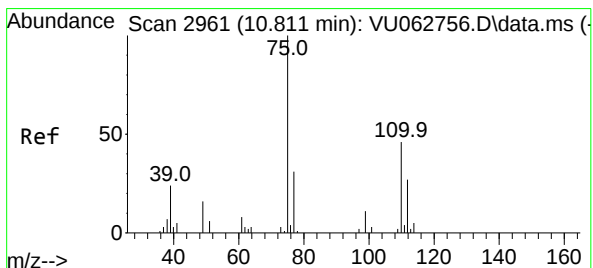
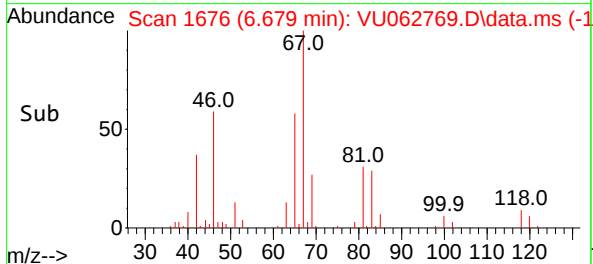
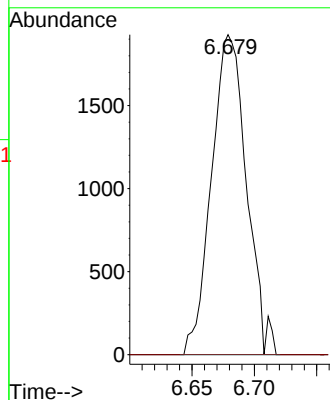
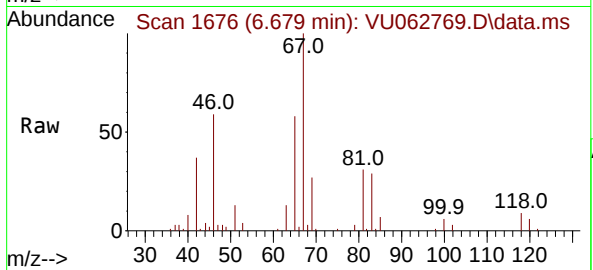
ClientSampleId :

Tgt Ion: 63 Resp: 3772

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 0.976 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.993 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

Tgt Ion: 75 Resp: 3697

Ion Ratio Lower Upper

75 100

110 1.6 33.2 49.8#

77 41.3 25.9 38.9#

