

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062772.D
 Acq On : 15 Jan 2025 17:11
 Operator : MD/SY
 Sample : Q1071-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:50:01 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)

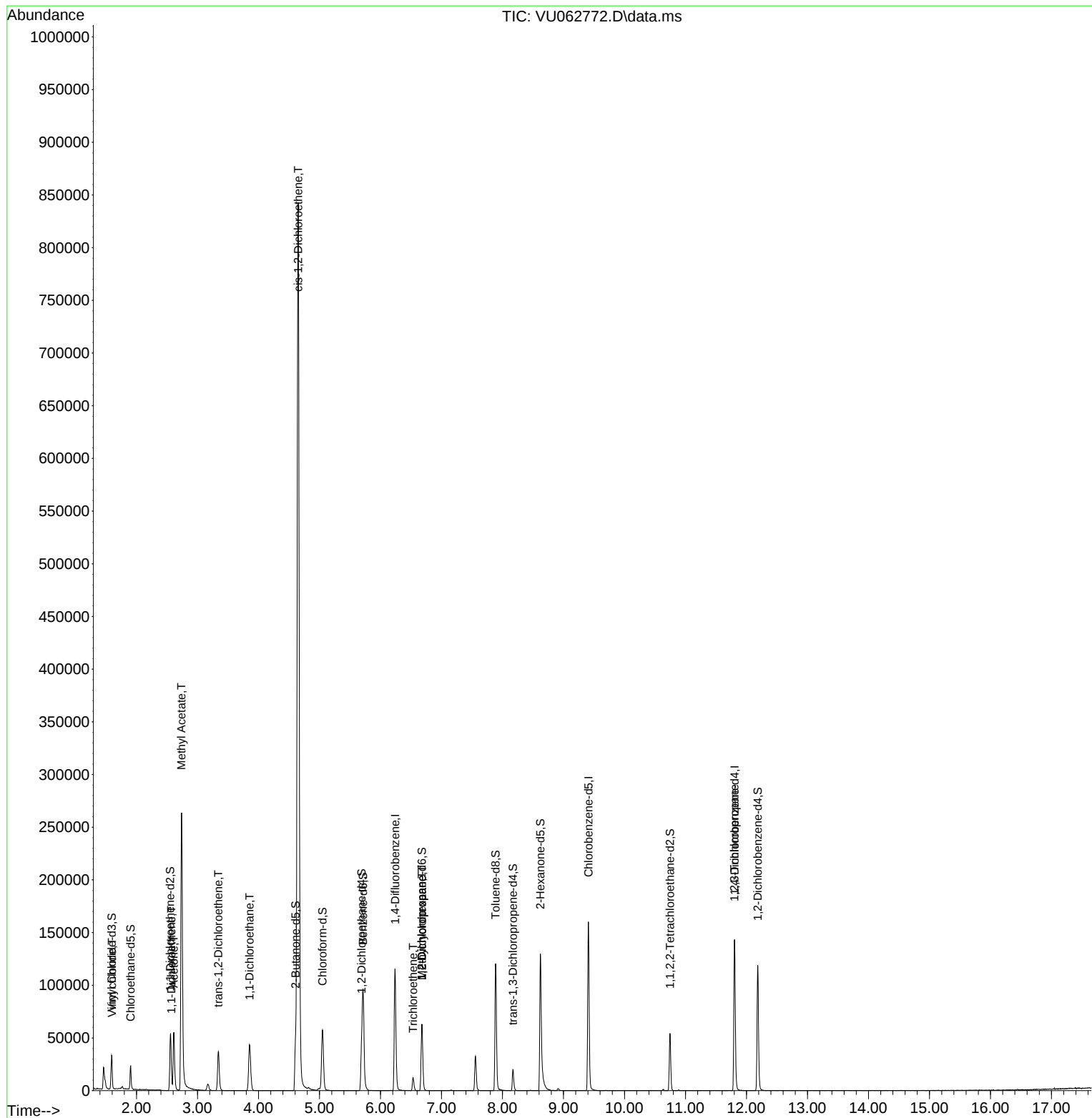
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16110	3.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.904	69	15698	3.760	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.554	65	9180	3.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.608	46	58773	55.407	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.820%
24) Chloroform-d	5.049	84	57304	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.688	65	33723	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.714	84	90723	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	27811	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.888	98	83396	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.171	79	12743	4.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.621	63	44882	47.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25670	5.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	34153	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2367	0.351	ug/L #	26
12) 1,1-Dichloroethene	2.570	96	3507	0.603	ug/L #	1
13) Acetone	2.611	43	61214	72.847	ug/L	99
15) Methyl Acetate	2.737	43	72122	39.639	ug/L #	44
18) trans-1,2-Dichloroethene	3.341	96	16528	2.652	ug/L	98
19) 1,1-Dichloroethane	3.853	63	48773	4.377	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	461718	68.028	ug/L	99
34) Trichloroethene	6.534	95	4517	0.518	ug/L	95
35) Methylcyclohexane	6.679	83	8087	0.754	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3770	0.626	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	4250	1.131	ug/L #	57

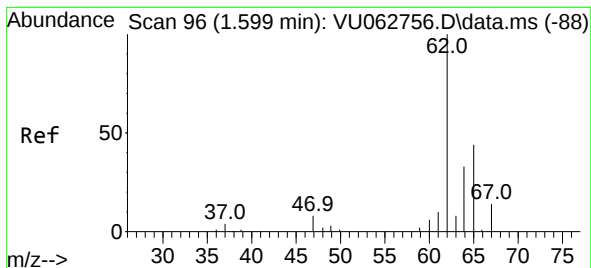
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.351 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

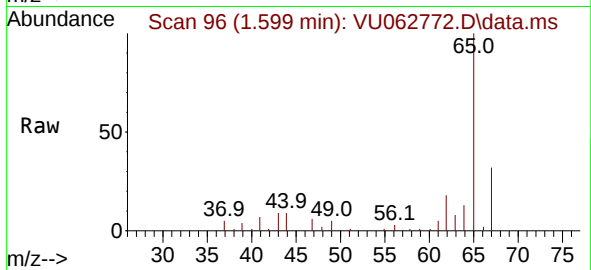
Lab File: VU062772.D

Acq: 15 Jan 2025 17:11

Instrument :

MSVOA_U

ClientSampleId :

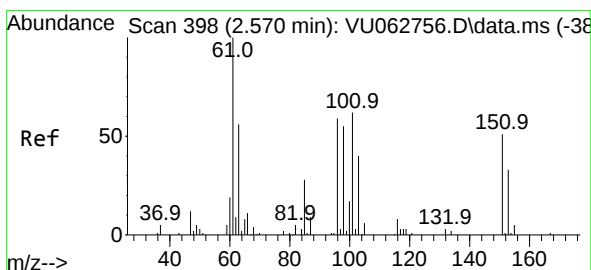
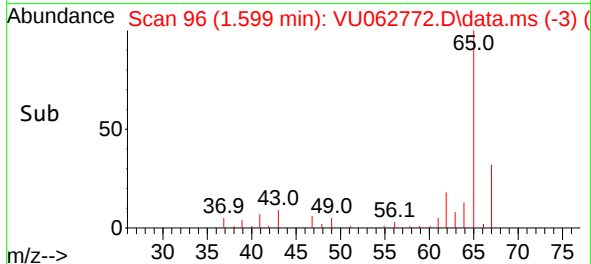
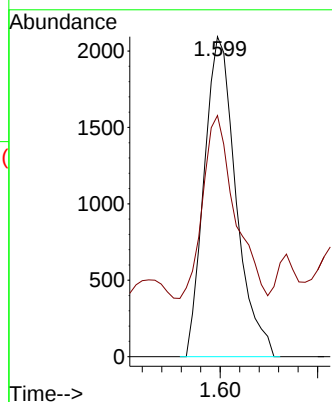


Tgt Ion: 62 Resp: 2367

Ion Ratio Lower Upper

62 100

64 75.4 23.4 43.4#



#12

1,1-Dichloroethene

Concen: 0.603 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU062772.D

Acq: 15 Jan 2025 17:11

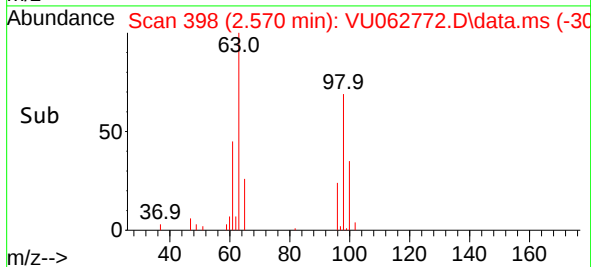
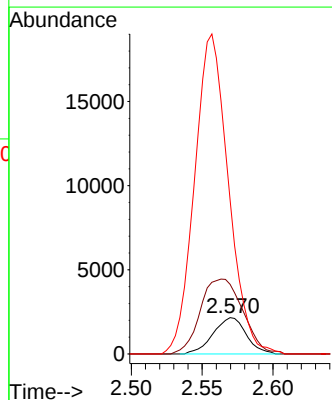
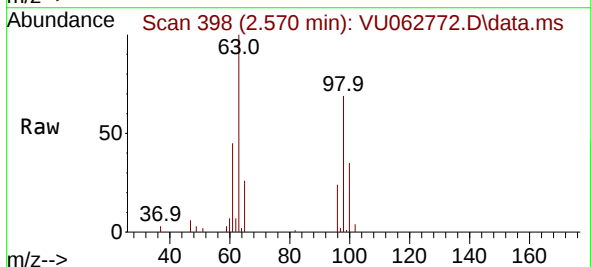
Tgt Ion: 96 Resp: 3507

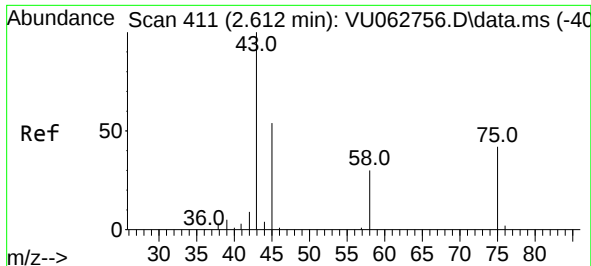
Ion Ratio Lower Upper

96 100

61 191.7 120.4 223.6

63 423.1 82.3 152.9#





#13

Acetone

Concen: 72.847 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU062772.D

Acq: 15 Jan 2025 17:11

Instrument :

MSVOA_U

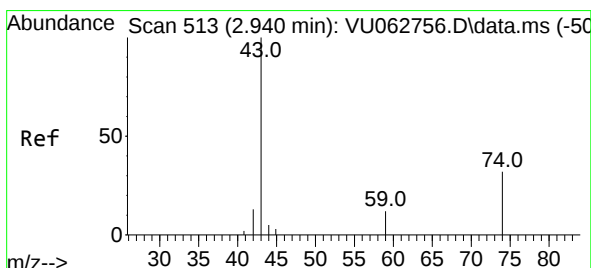
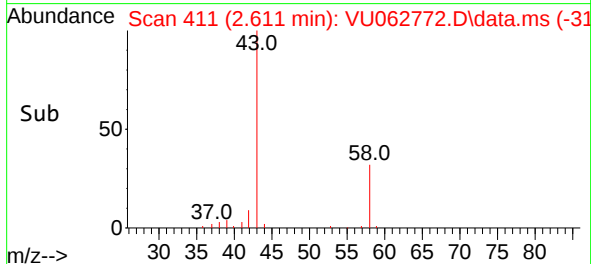
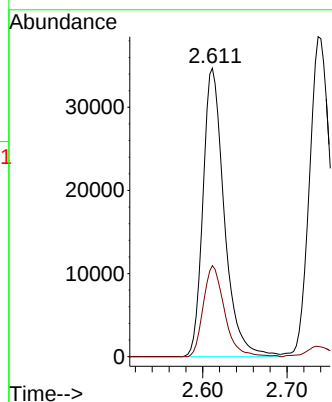
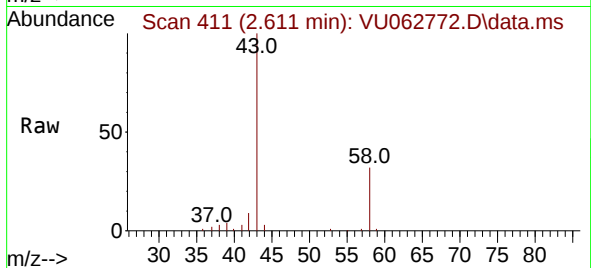
ClientSampleId :

Tgt Ion: 43 Resp: 61214

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.4



#15

Methyl Acetate

Concen: 39.639 ug/L

RT: 2.737 min Scan# 450

Delta R.T. -0.203 min

Lab File: VU062772.D

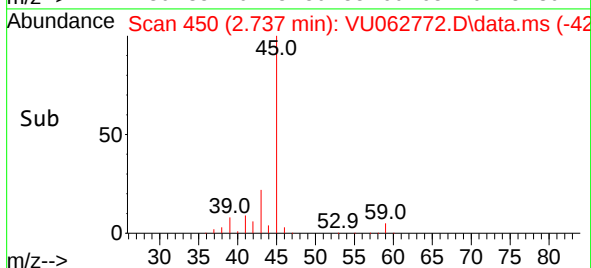
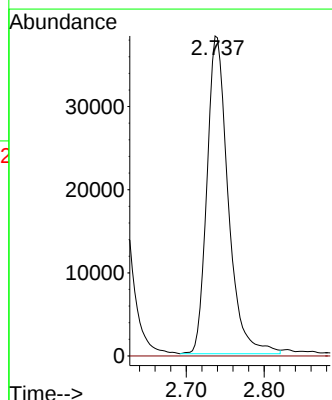
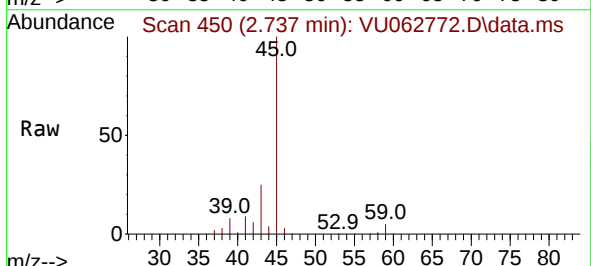
Acq: 15 Jan 2025 17:11

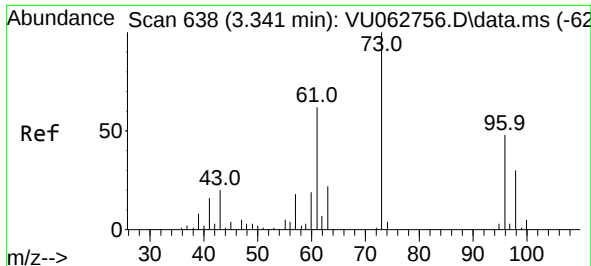
Tgt Ion: 43 Resp: 72122

Ion Ratio Lower Upper

43 100

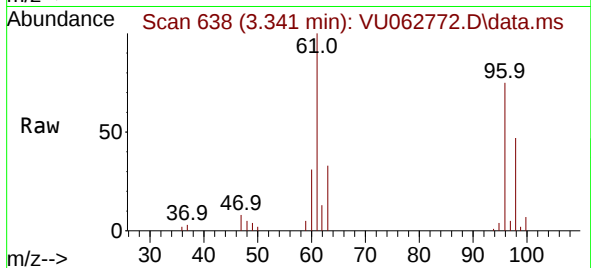
74 0.0 24.4 36.6#





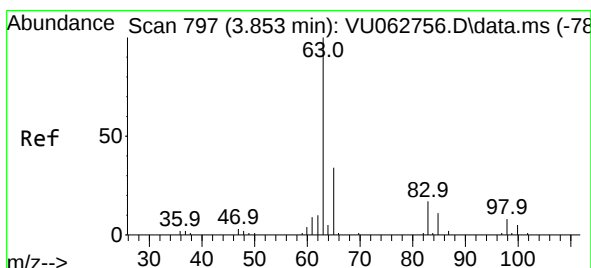
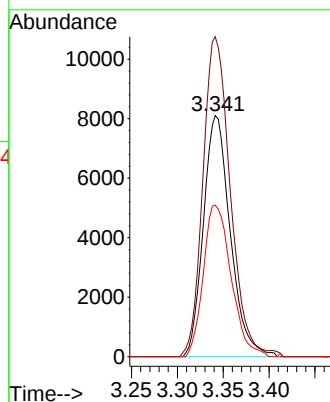
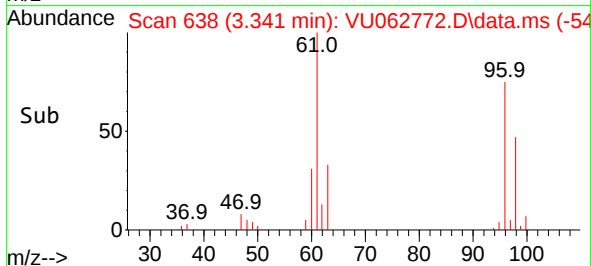
#18
 trans-1,2-Dichloroethene
 Concen: 2.652 ug/L
 RT: 3.341 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VU062772.D
 Acq: 15 Jan 2025 17:11

Instrument :
 MSVOA_U
 ClientSampleId :

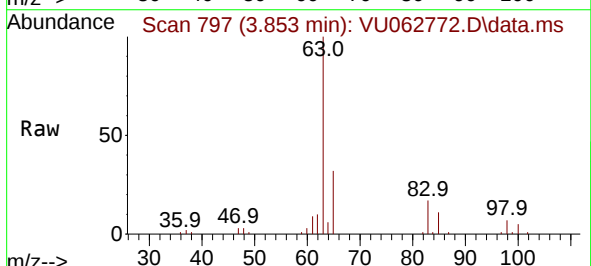


Tgt Ion: 96 Resp: 16528

Ion	Ratio	Lower	Upper
96	100		
61	132.7	94.4	175.2
98	62.8	42.8	79.4

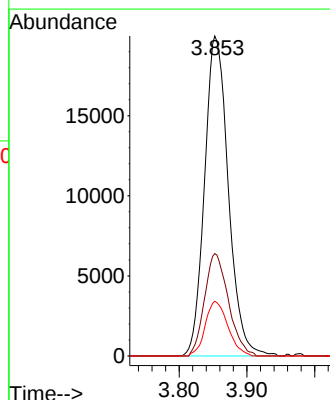
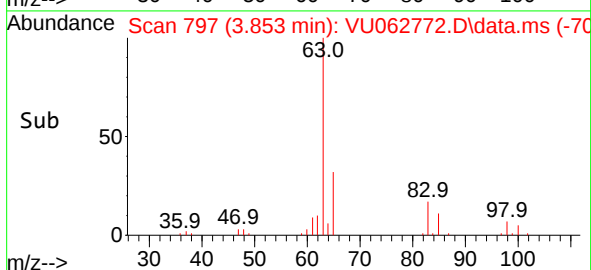


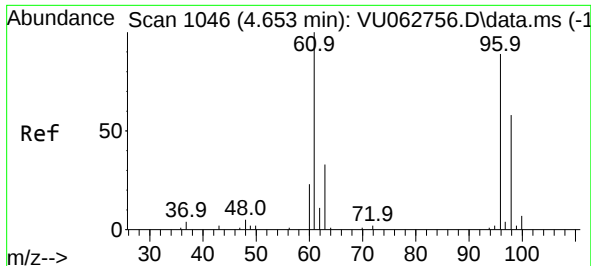
#19
 1,1-Dichloroethane
 Concen: 4.377 ug/L
 RT: 3.853 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VU062772.D
 Acq: 15 Jan 2025 17:11



Tgt Ion: 63 Resp: 48773

Ion	Ratio	Lower	Upper
63	100		
65	32.0	20.7	38.5
83	17.1	10.5	19.5





#22

cis-1,2-Dichloroethene

Concen: 68.028 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062772.D

Acq: 15 Jan 2025 17:11

Instrument :

MSVOA_U

ClientSampleId :

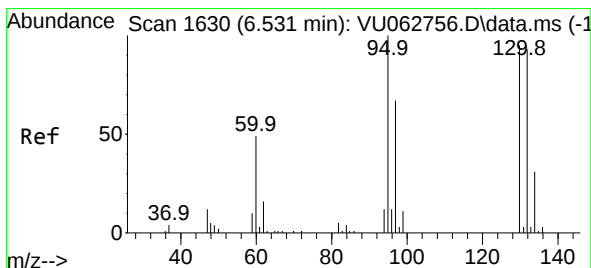
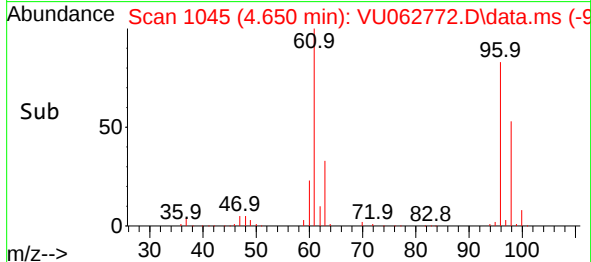
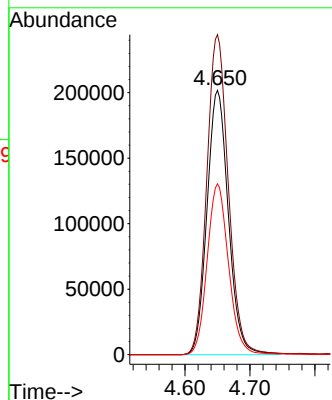
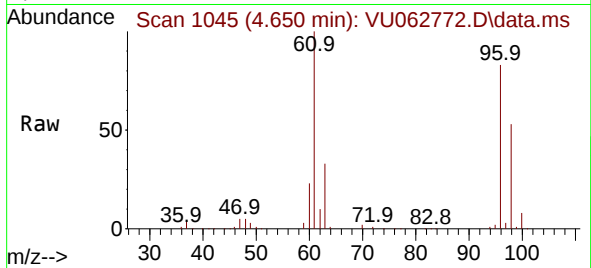
Tgt Ion: 96 Resp: 461718

Ion Ratio Lower Upper

96 100

61 121.0 84.8 157.6

98 64.7 43.1 80.1



#34

Trichloroethene

Concen: 0.518 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.003 min

Lab File: VU062772.D

Acq: 15 Jan 2025 17:11

Tgt Ion: 95 Resp: 4517

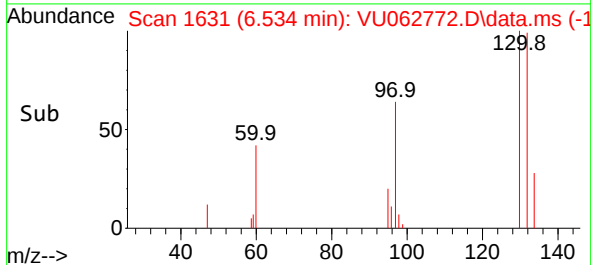
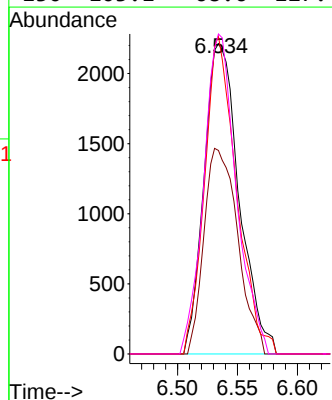
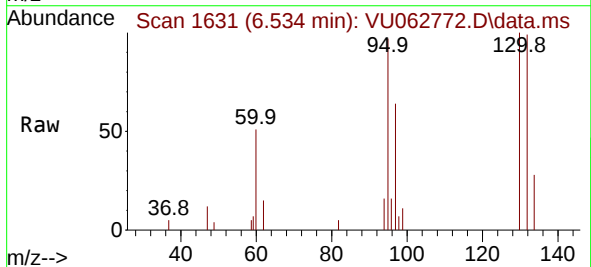
Ion Ratio Lower Upper

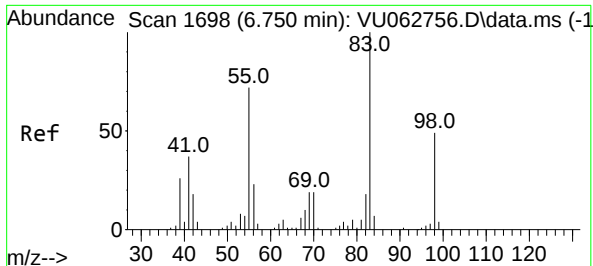
95 100

97 65.6 47.5 88.3

132 102.3 66.9 124.3

130 103.1 68.6 127.4

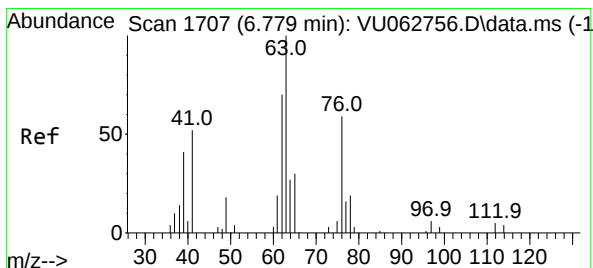
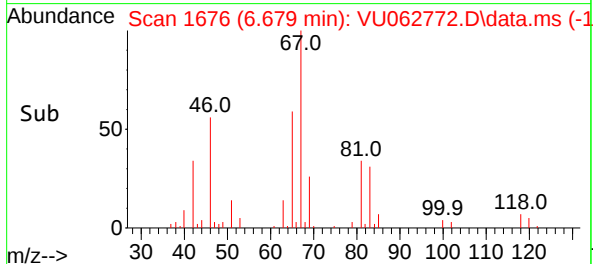
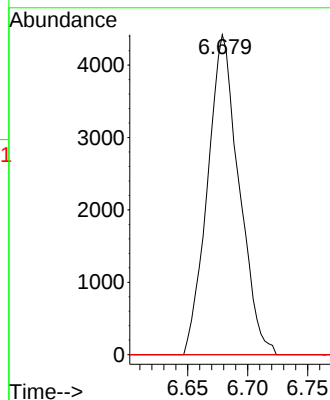
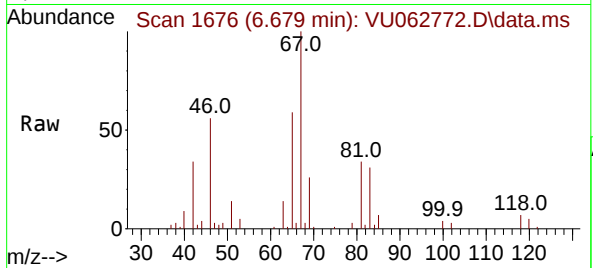




#35
Methylcyclohexane
Concen: 0.754 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062772.D
Acq: 15 Jan 2025 17:11

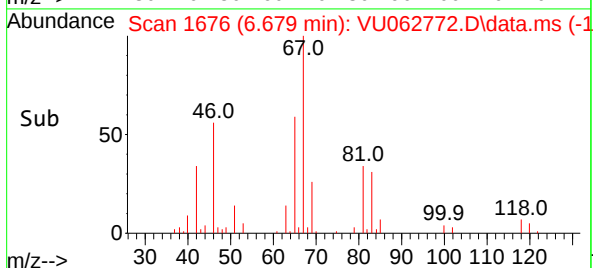
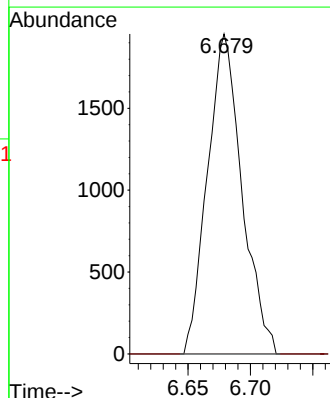
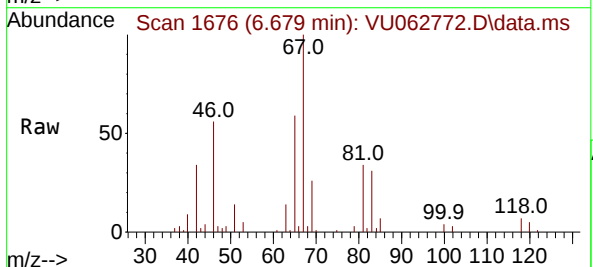
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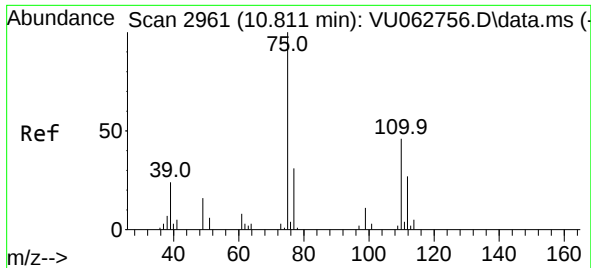
Tgt Ion: 83 Resp: 8087
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.7 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062772.D
Acq: 15 Jan 2025 17:11

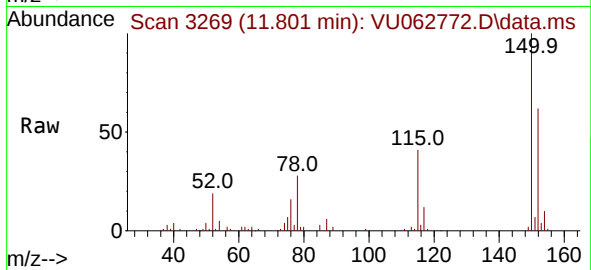
Tgt Ion: 63 Resp: 3770
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 1.131 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062772.D
Acq: 15 Jan 2025 17:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	39.7	25.9	38.9#

