

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062771.D
 Acq On : 15 Jan 2025 16:46
 Operator : MD/SY
 Sample : Q1071-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:49:42 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)

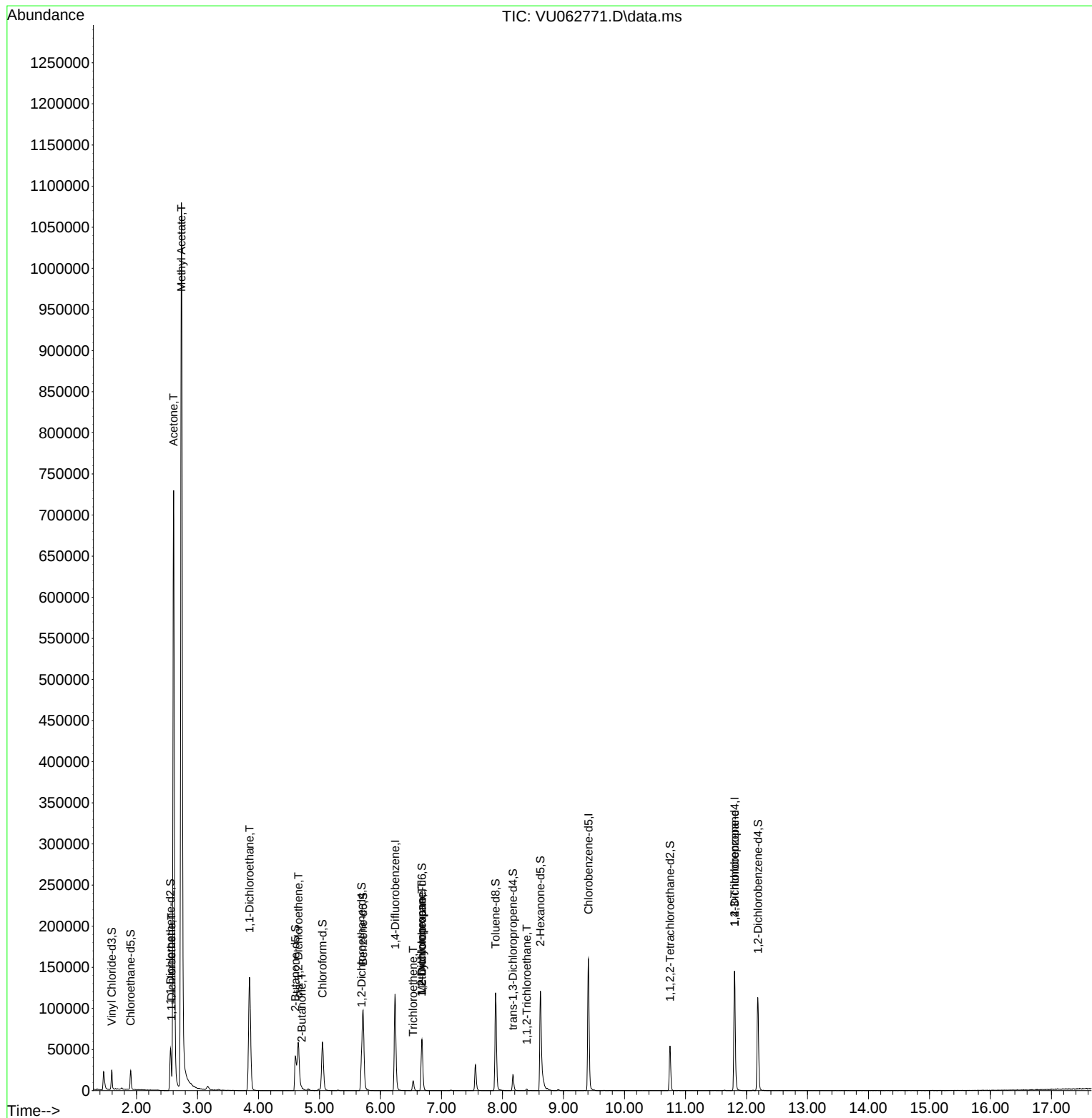
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15819	2.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.904	69	16016	3.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.557	65	9445	3.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.605	46	57377	52.462	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.920%
24) Chloroform-d	5.049	84	57073	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.689	65	32800	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.714	84	90753	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.679	67	26961	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.888	98	82050	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.171	79	12341	4.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.621	63	45208	47.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25490	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	33122	4.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	2310	0.385	ug/L #	1
13) Acetone	2.608	43	779423	899.620	ug/L	99
15) Methyl Acetate	2.737	43	280444	149.496	ug/L #	44
19) 1,1-Dichloroethane	3.853	63	150883	13.133	ug/L	94
21) 2-Butanone	4.708	43	4552	3.945	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	29782	4.256	ug/L	97
34) Trichloroethene	6.534	95	4379	0.499	ug/L	88
35) Methylcyclohexane	6.679	83	7054	0.653	ug/L #	22
37) 1,2-Dichloropropane	6.676	63	3919	0.647	ug/L #	85
45) 1,1,2-Trichloroethane	8.399	97	671	0.136	ug/L	88
61) 1,2,3-Trichloropropane	11.804	75	4565	1.205	ug/L #	62

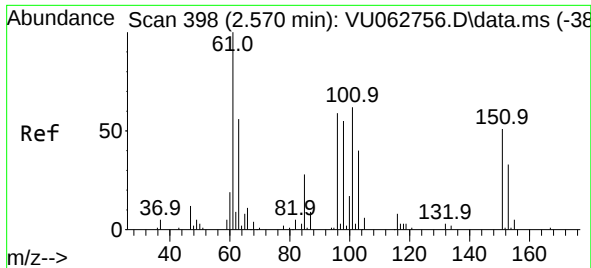
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.385 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

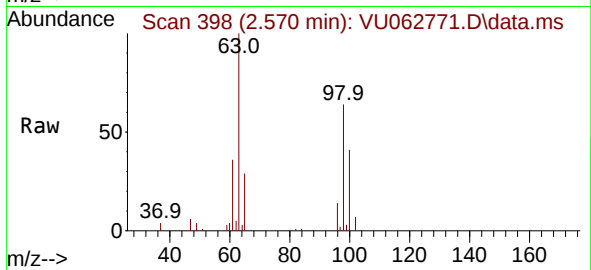
Lab File: VU062771.D

Acq: 15 Jan 2025 16:46

Instrument :

MSVOA_U

ClientSampleId :



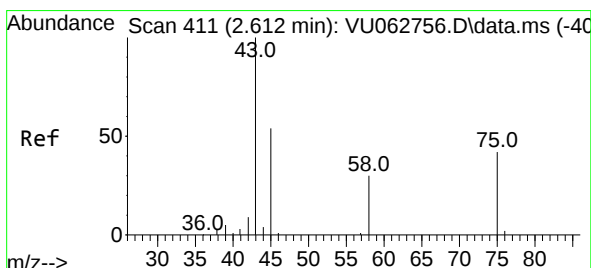
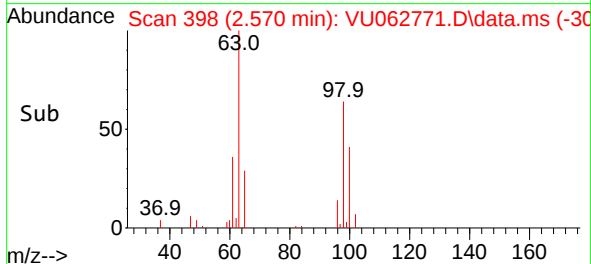
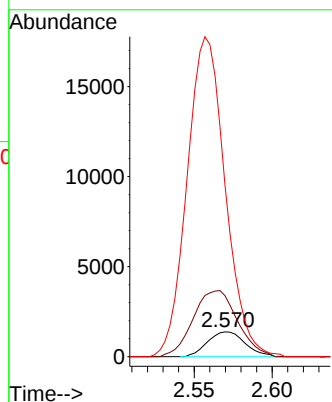
Tgt Ion: 96 Resp: 2310

Ion Ratio Lower Upper

96 100

61 246.3 120.4 223.6#

63 691.8 82.3 152.9#



#13

Acetone

Concen: 899.620 ug/L

RT: 2.608 min Scan# 410

Delta R.T. -0.003 min

Lab File: VU062771.D

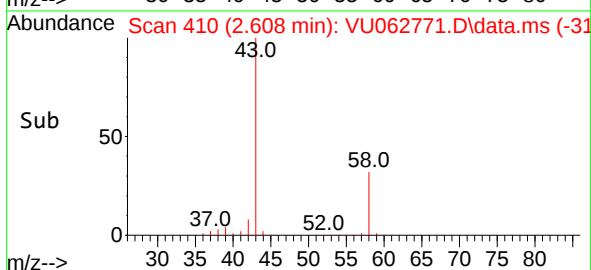
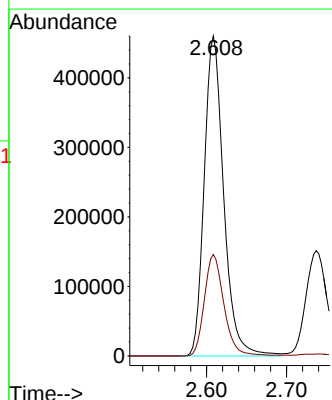
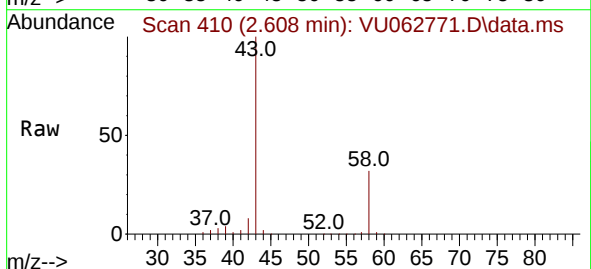
Acq: 15 Jan 2025 16:46

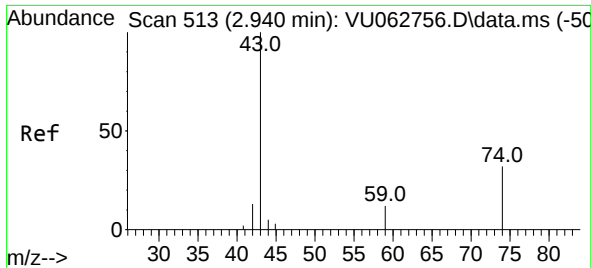
Tgt Ion: 43 Resp: 779423

Ion Ratio Lower Upper

43 100

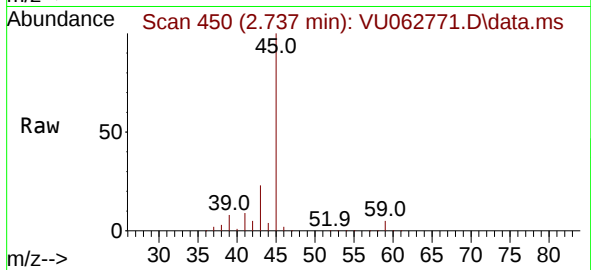
58 31.9 0.0 64.4



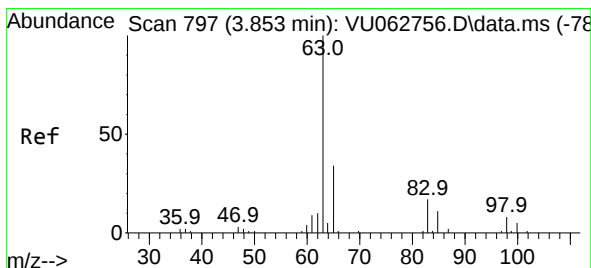
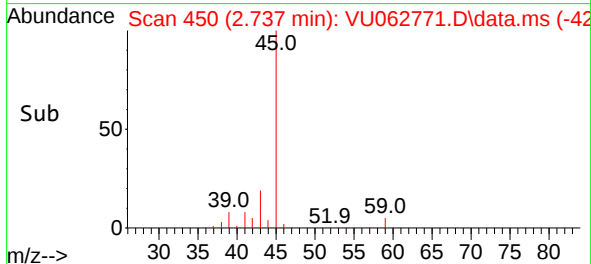
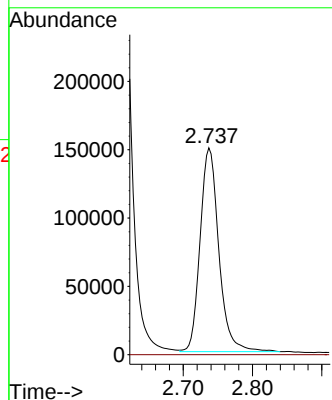


#15
Methyl Acetate
Concen: 149.496 ug/L
RT: 2.737 min Scan# 41
Delta R.T. -0.203 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

Instrument :
MSVOA_U
ClientSampleId :

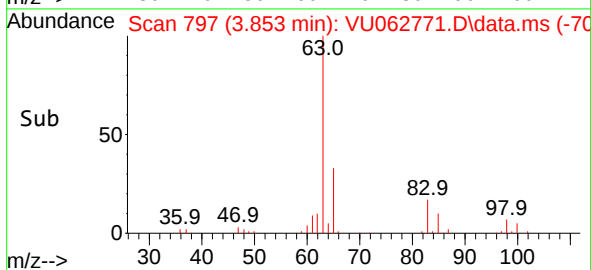
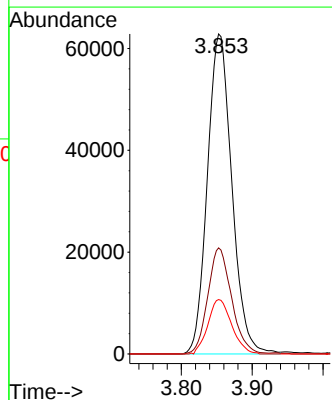
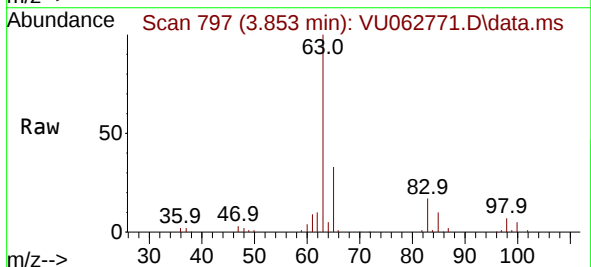


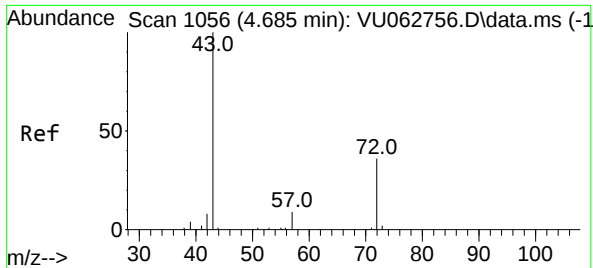
Tgt Ion: 43 Resp: 280444
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#19
1,1-Dichloroethane
Concen: 13.133 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

Tgt Ion: 63 Resp: 150883
Ion Ratio Lower Upper
63 100
65 33.1 20.7 38.5
83 17.0 10.5 19.5

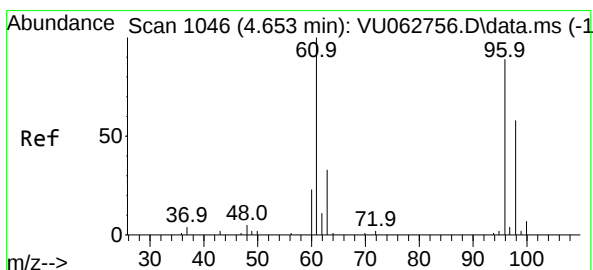
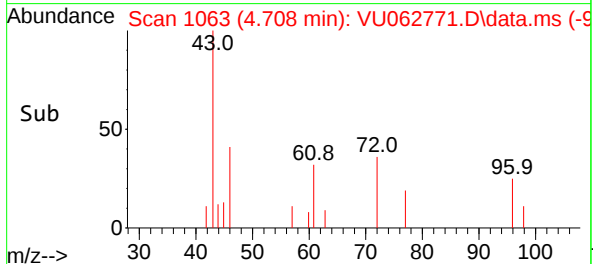
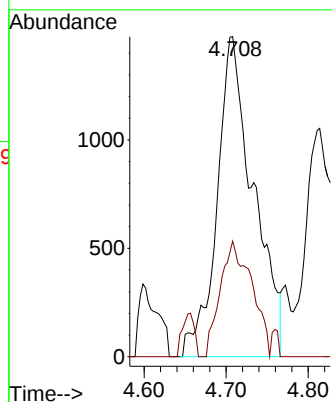
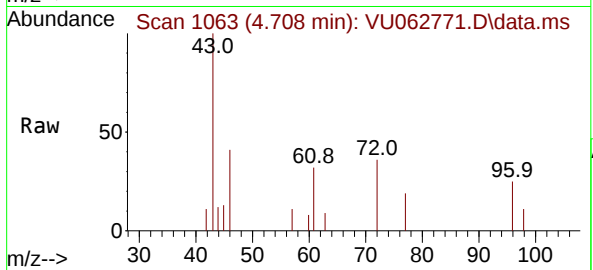




#21
2-Butanone
Concen: 3.945 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.022 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

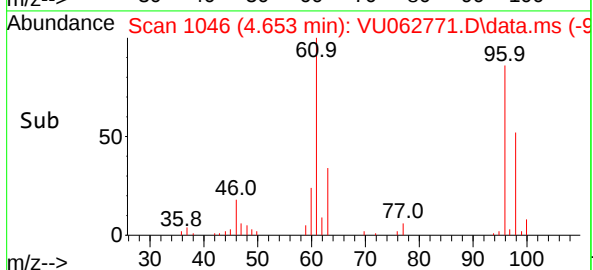
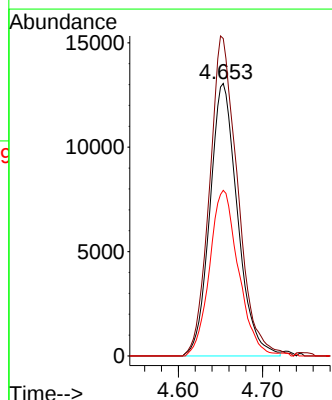
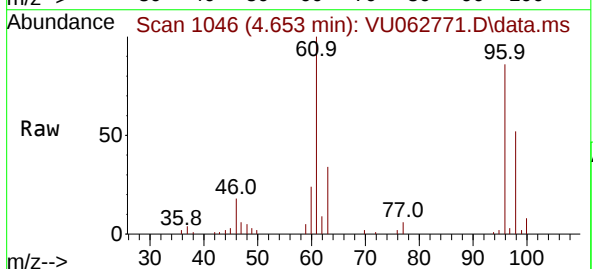
Instrument :
MSVOA_U
ClientSampleId :

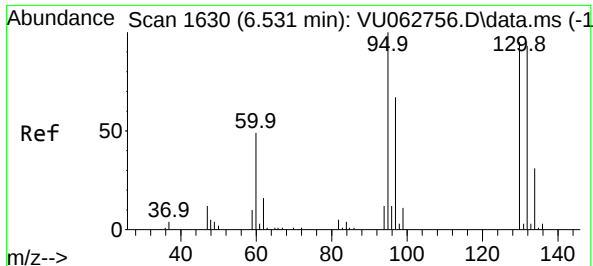
Tgt Ion: 43 Resp: 4552
Ion Ratio Lower Upper
43 100
72 31.3 17.1 51.2



#22
cis-1,2-Dichloroethene
Concen: 4.256 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

Tgt Ion: 96 Resp: 29782
Ion Ratio Lower Upper
96 100
61 116.5 84.8 157.6
98 60.8 43.1 80.1





#34

Trichloroethene

Concen: 0.499 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062771.D

Acq: 15 Jan 2025 16:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4379

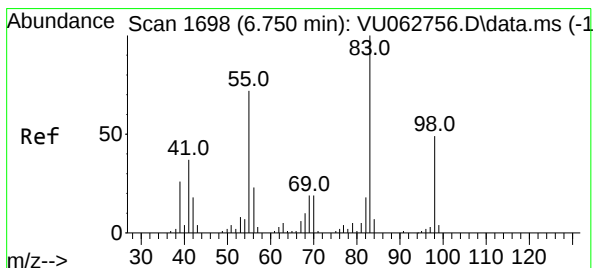
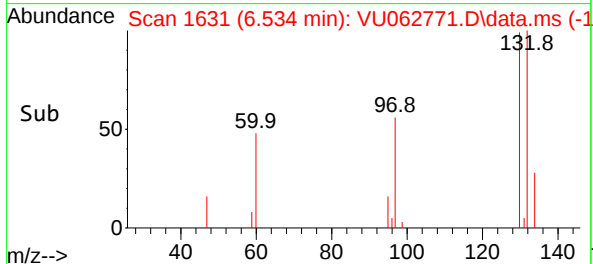
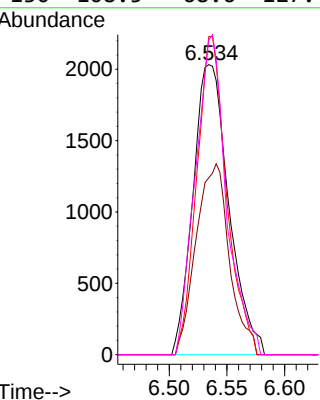
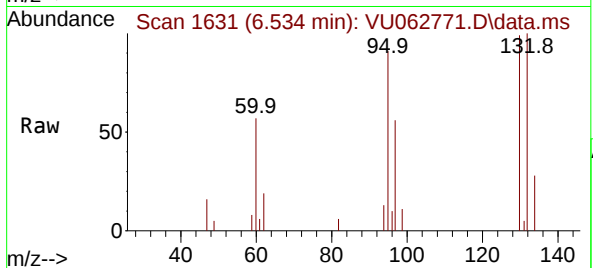
Ion Ratio Lower Upper

95 100

97 61.0 47.5 88.3

132 109.7 66.9 124.3

130 108.5 68.6 127.4



#35

Methylcyclohexane

Concen: 0.653 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062771.D

Acq: 15 Jan 2025 16:46

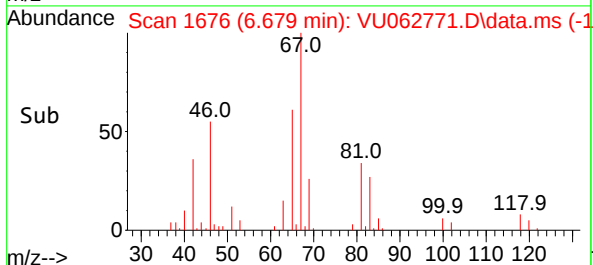
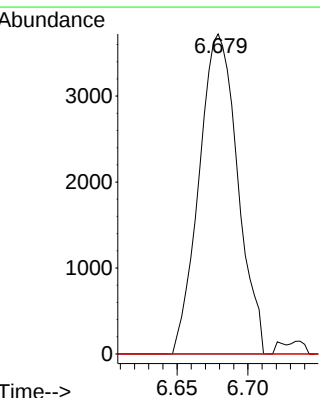
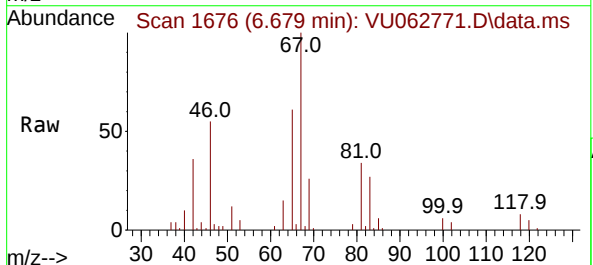
Tgt Ion: 83 Resp: 7054

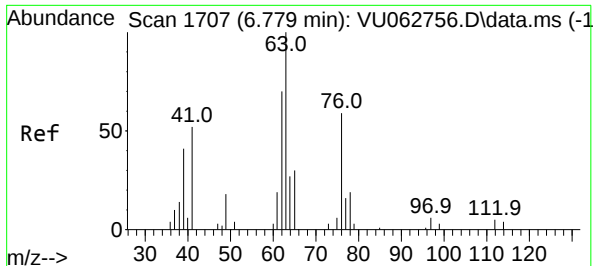
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 2.9 36.6 55.0#

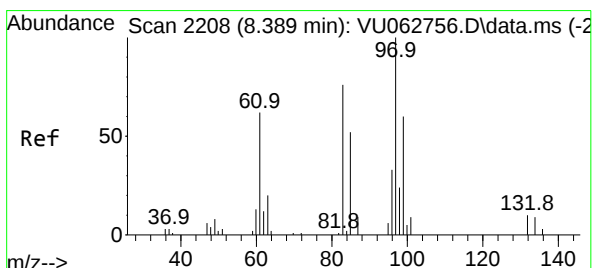
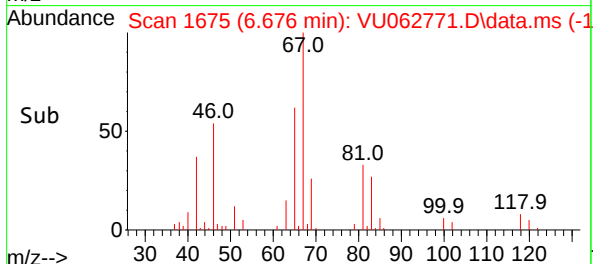
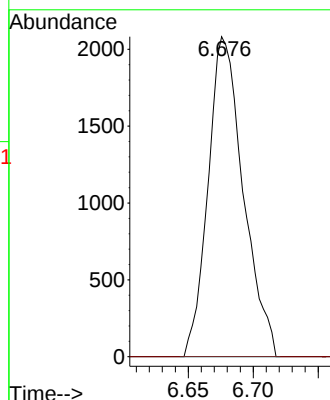
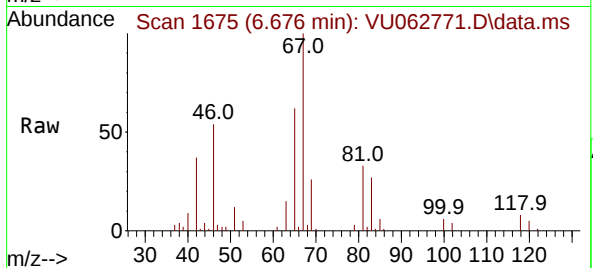




#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

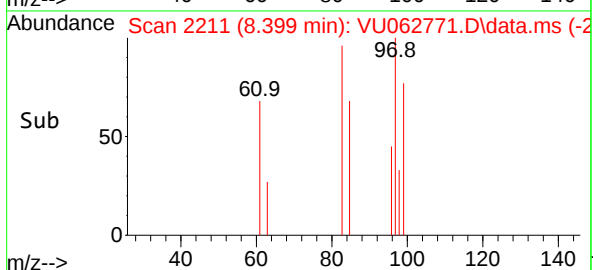
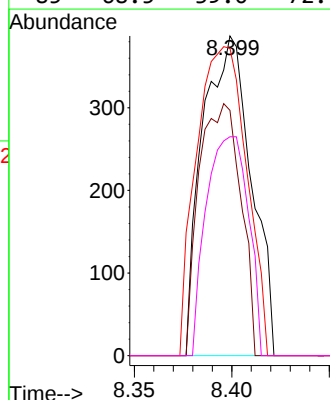
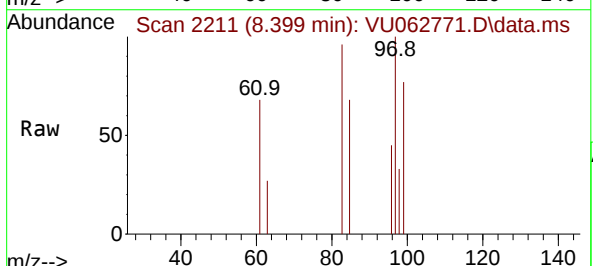
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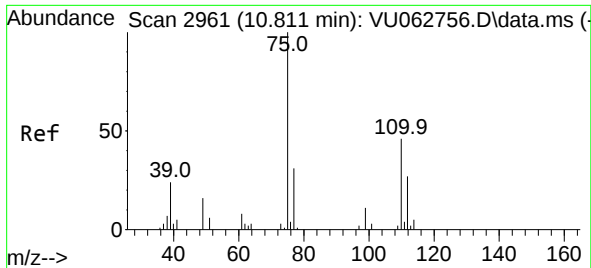
Tgt Ion: 63 Resp: 3919
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#45
1,1,2-Trichloroethane
Concen: 0.136 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

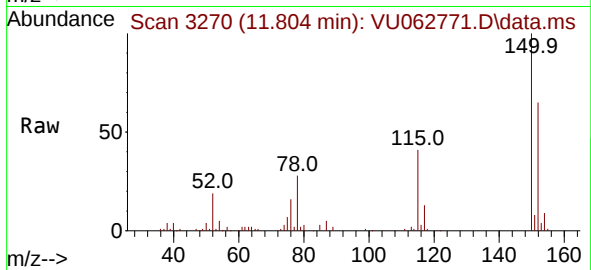
Tgt Ion: 97 Resp: 671
Ion Ratio Lower Upper
97 100
99 76.7 45.6 84.6
83 96.1 63.0 117.0
85 68.5 39.0 72.4





#61
 1,2,3-Trichloropropane
 Concen: 1.205 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU062771.D
 Acq: 15 Jan 2025 16:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4565
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 30.9 25.9 38.9

