

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062773.D
 Acq On : 15 Jan 2025 17:36
 Operator : MD/SY
 Sample : Q1071-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:50:23 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)

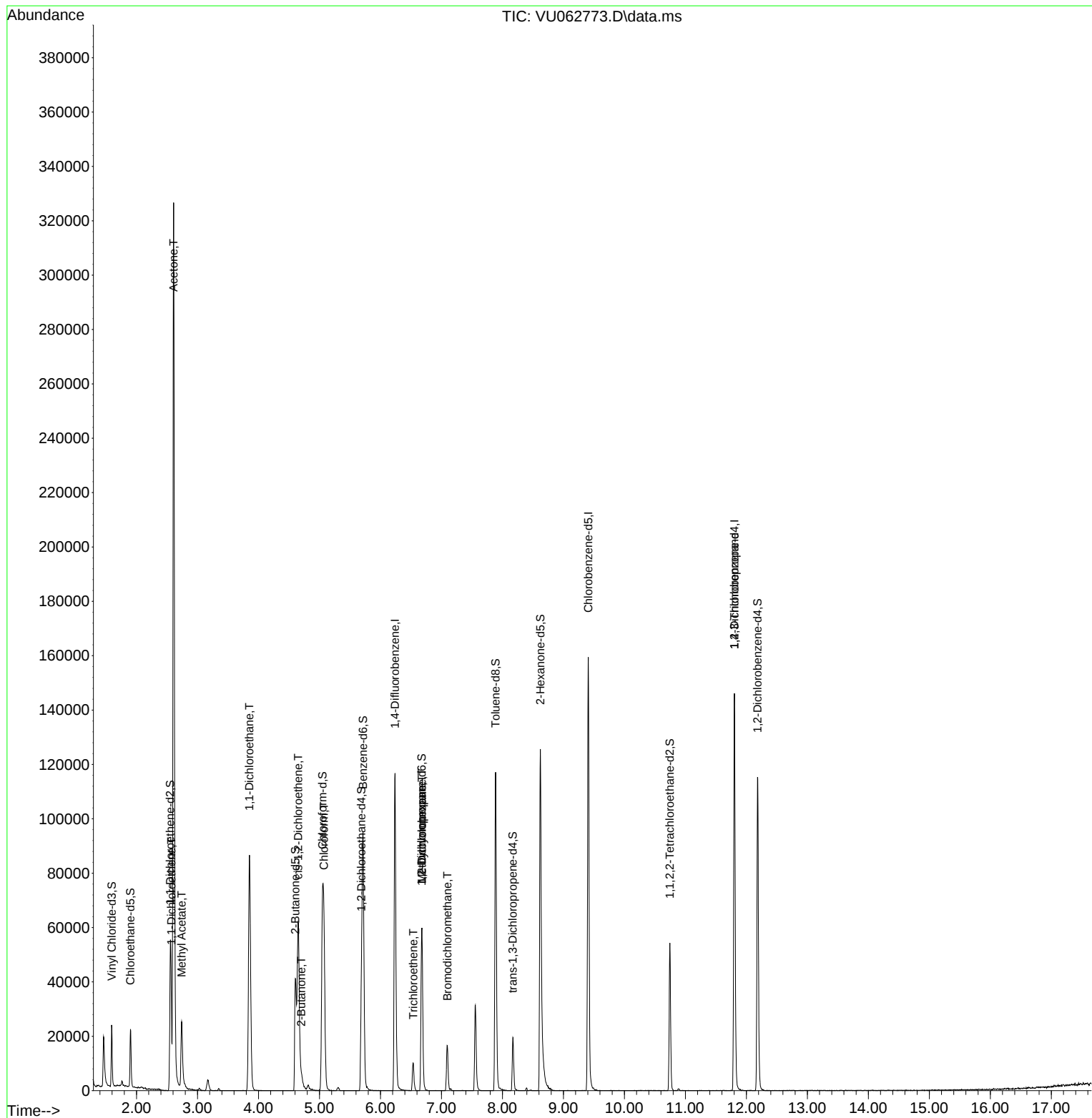
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96343	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15552	2.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.901	69	15542	3.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.554	65	9301	3.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.605	46	59852	54.883	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	5.049	84	59173	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.689	65	32842	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.714	84	89652	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.676	67	26377	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.888	98	80258	3.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.171	79	12575	4.114	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.621	63	45086	46.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24618	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	32703	4.588	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	5307	0.887	ug/L #	2
13) Acetone	2.608	43	351395	406.751	ug/L	99
15) Methyl Acetate	2.740	43	6568	3.511	ug/L #	44
19) 1,1-Dichloroethane	3.853	63	95553	8.341	ug/L	93
21) 2-Butanone	4.701	43	8395	7.296	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	32169	4.610	ug/L	97
25) Chloroform	5.074	83	50283	3.567	ug/L	94
34) Trichloroethene	6.541	95	3963	0.446	ug/L	86
35) Methylcyclohexane	6.679	83	7418	0.679	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	3721	0.607	ug/L #	85
38) Bromodichloromethane	7.097	83	12076	1.224	ug/L	99
61) 1,2,3-Trichloropropane	11.804	75	4035	1.062	ug/L #	58

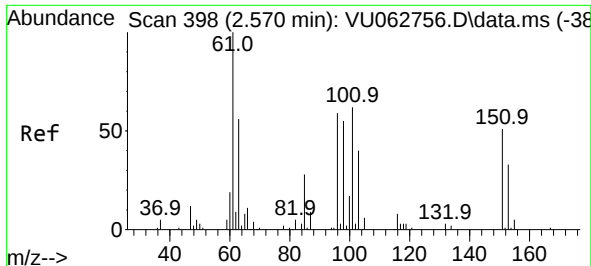
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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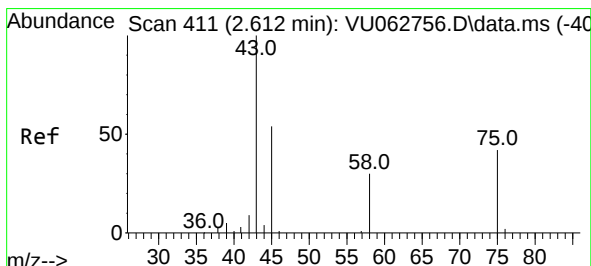
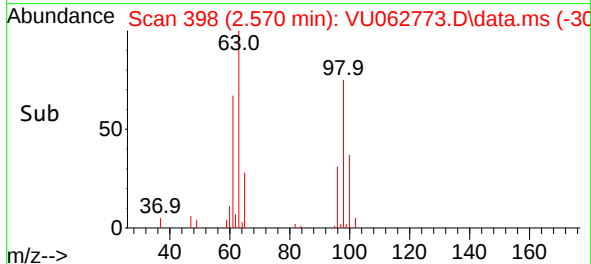
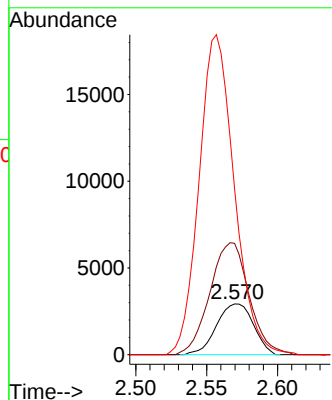
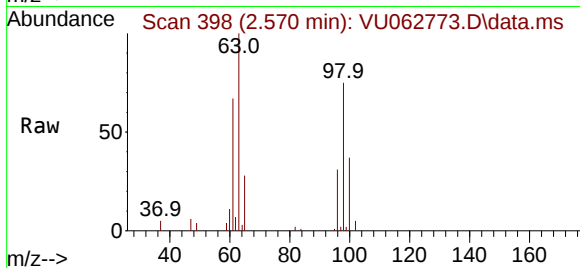




#12
1,1-Dichloroethene
Concen: 0.887 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

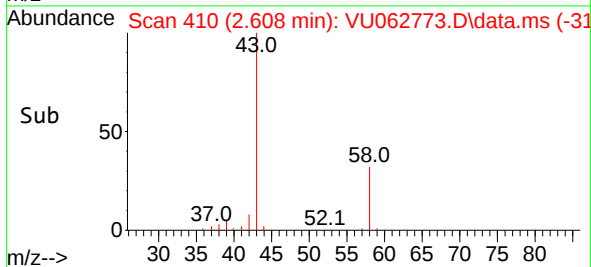
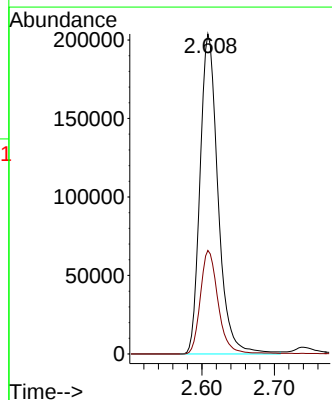
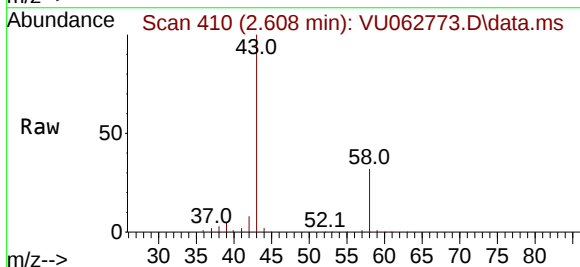
Instrument :
MSVOA_U
ClientSampleId :

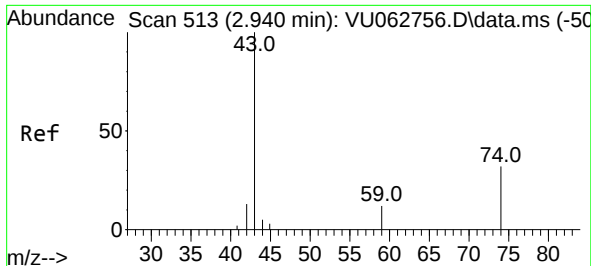
Tgt Ion: 96 Resp: 5307
Ion Ratio Lower Upper
96 100
61 219.8 120.4 223.6
63 327.0 82.3 152.9#



#13
Acetone
Concen: 406.751 ug/L
RT: 2.608 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

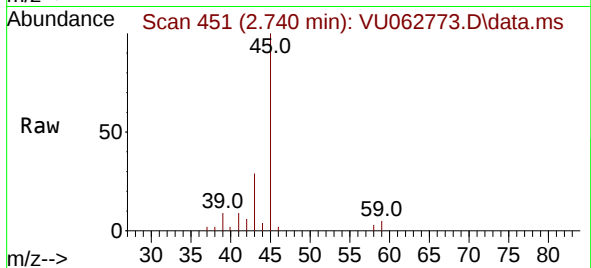
Tgt Ion: 43 Resp: 351395
Ion Ratio Lower Upper
43 100
58 31.6 0.0 64.4



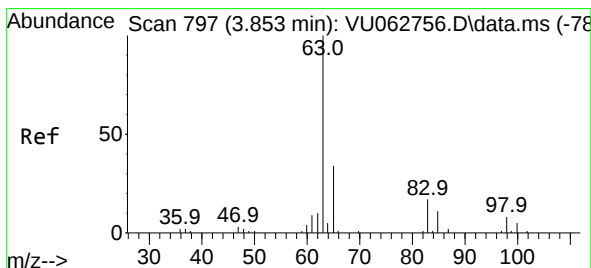
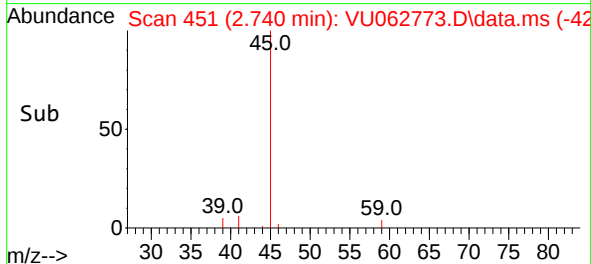
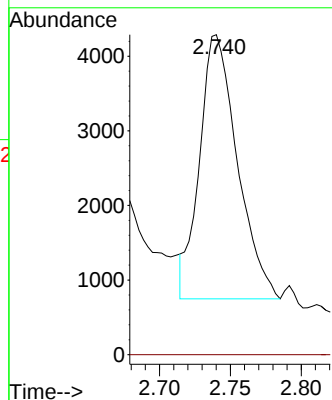


#15
Methyl Acetate
Concen: 3.511 ug/L
RT: 2.740 min Scan# 415
Delta R.T. -0.199 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

Instrument :
MSVOA_U
ClientSampleId :

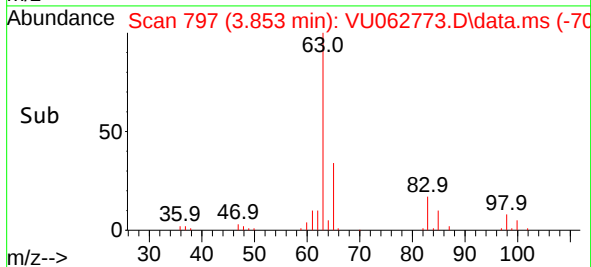
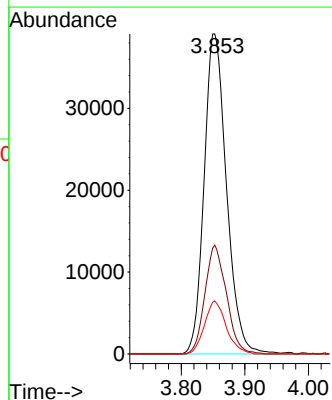
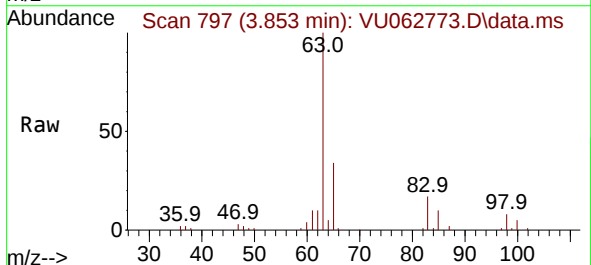


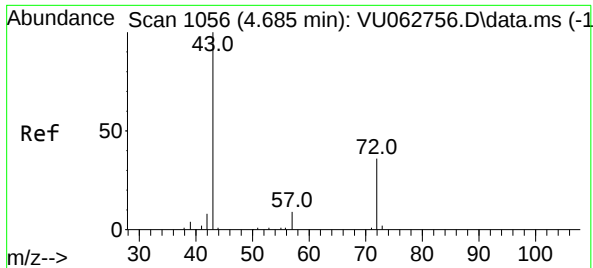
Tgt Ion: 43 Resp: 6568
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#19
1,1-Dichloroethane
Concen: 8.341 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

Tgt Ion: 63 Resp: 95553
Ion Ratio Lower Upper
63 100
65 34.0 20.7 38.5
83 16.5 10.5 19.5





#21

2-Butanone

Concen: 7.296 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. 0.016 min

Lab File: VU062773.D

Acq: 15 Jan 2025 17:36

Instrument :

MSVOA_U

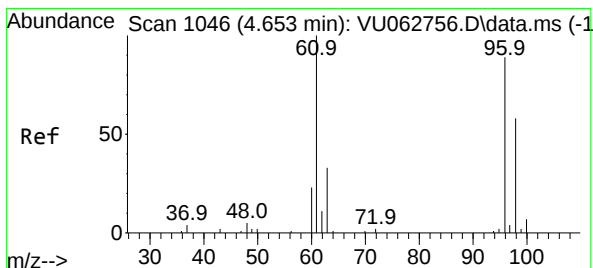
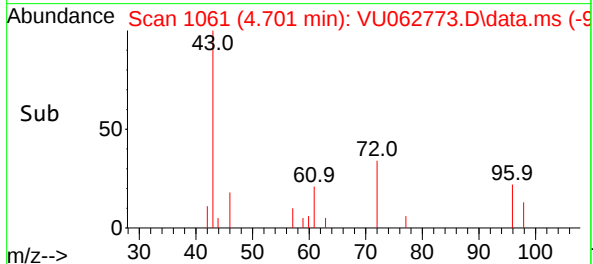
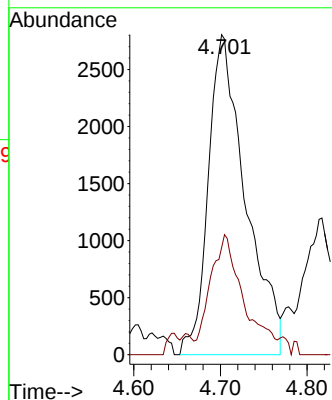
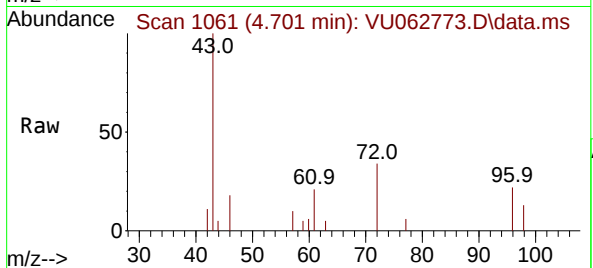
ClientSampleId :

Tgt Ion: 43 Resp: 8395

Ion Ratio Lower Upper

43 100

72 33.7 17.1 51.2



#22

cis-1,2-Dichloroethene

Concen: 4.610 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU062773.D

Acq: 15 Jan 2025 17:36

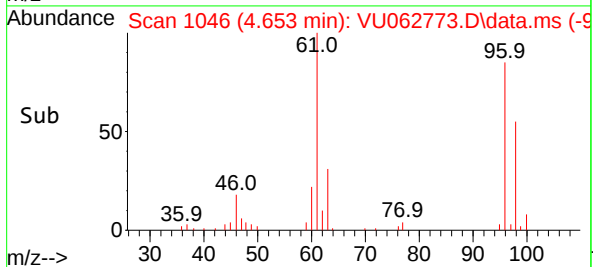
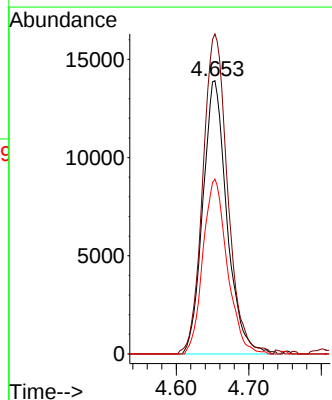
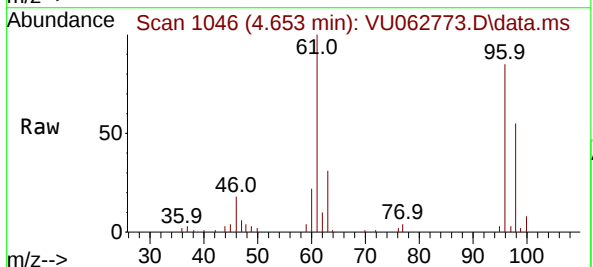
Tgt Ion: 96 Resp: 32169

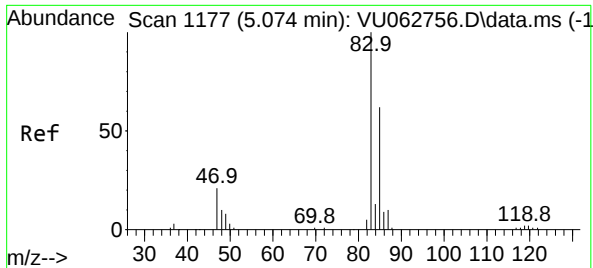
Ion Ratio Lower Upper

96 100

61 117.1 84.8 157.6

98 64.0 43.1 80.1

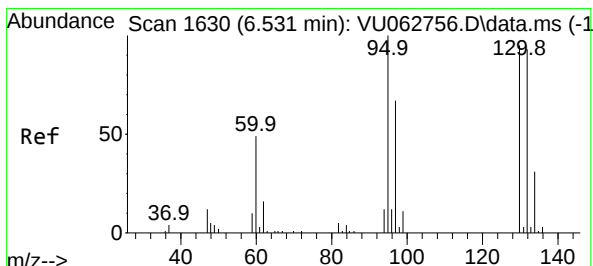
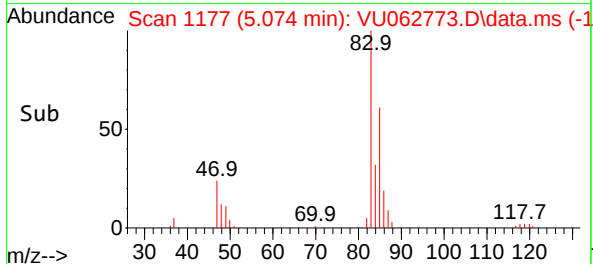
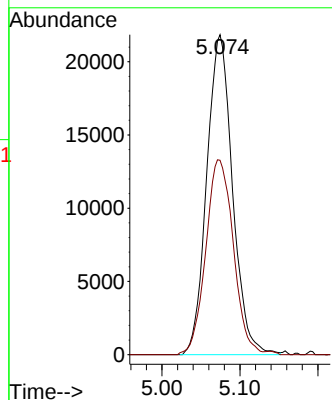
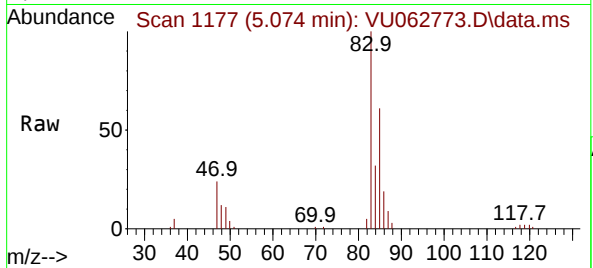




#25
Chloroform
Concen: 3.567 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

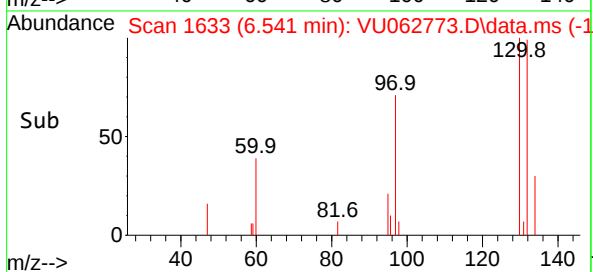
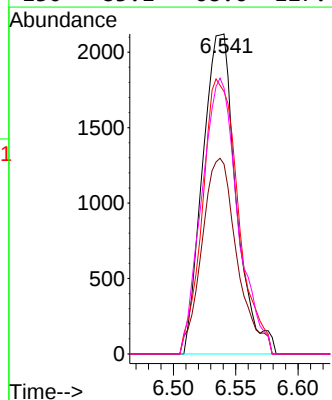
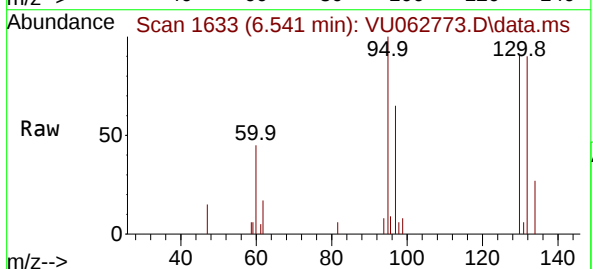
Instrument :
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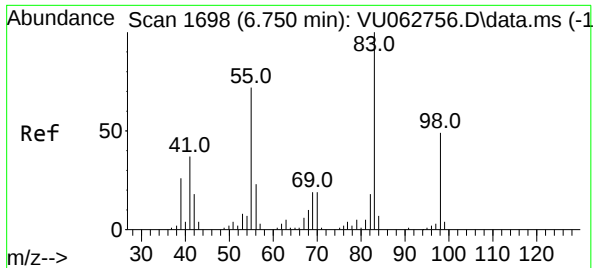
Tgt Ion: 83 Resp: 50283
Ion Ratio Lower Upper
83 100
85 60.7 45.8 85.2



#34
Trichloroethene
Concen: 0.446 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.010 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

Tgt Ion: 95 Resp: 3963
Ion Ratio Lower Upper
95 100
97 59.3 47.5 88.3
132 82.0 66.9 124.3
130 83.1 68.6 127.4

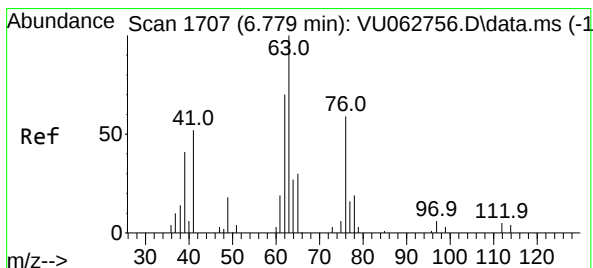
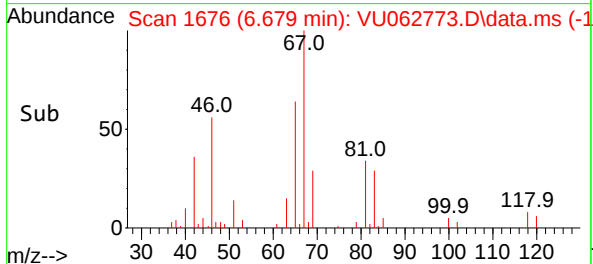
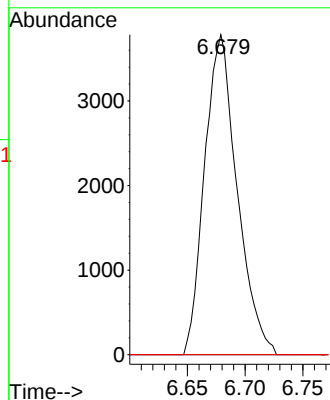
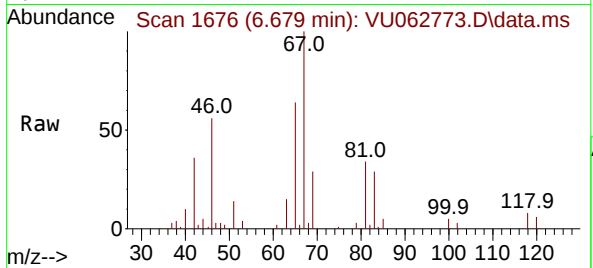




#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

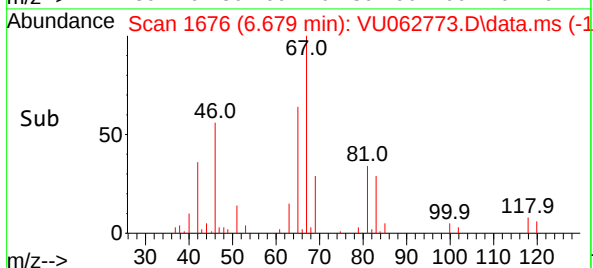
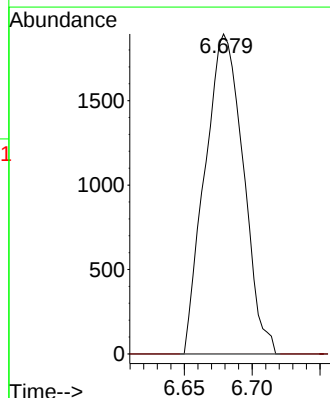
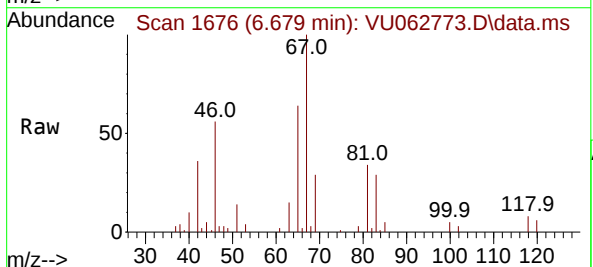
Instrument :
MSVOA_U
ClientSampleId :

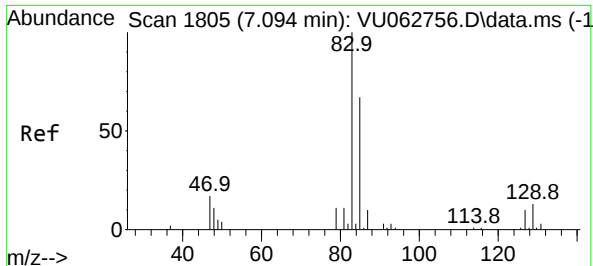
Tgt Ion	83	Resp	7418
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	3.2	36.6	55.0#



#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

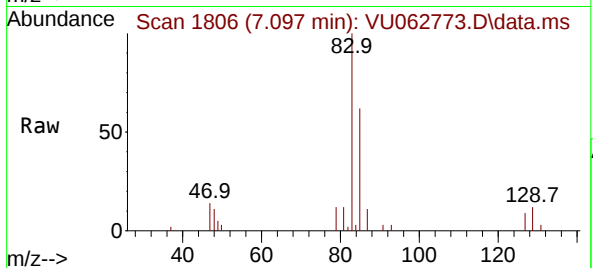
Tgt Ion	63	Resp	3721
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



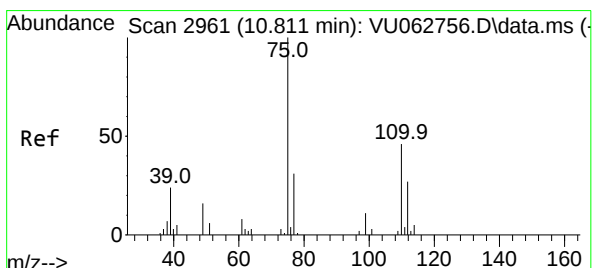
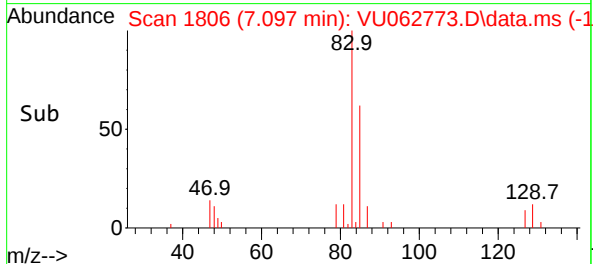
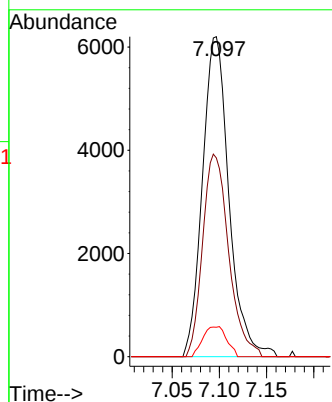


#38
 Bromodichloromethane
 Concen: 1.224 ug/L
 RT: 7.097 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU062773.D
 Acq: 15 Jan 2025 17:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 83 Resp: 12076
 Ion Ratio Lower Upper
 83 100
 85 62.1 44.2 82.0
 127 9.2 7.8 11.8



#61
 1,2,3-Trichloropropane
 Concen: 1.062 ug/L
 RT: 11.804 min Scan# 3270
 Delta R.T. 0.993 min
 Lab File: VU062773.D
 Acq: 15 Jan 2025 17:36

Tgt Ion: 75 Resp: 4035
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 38.8 25.9 38.9

