

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062863.D
 Acq On : 17 Jan 2025 11:45
 Operator : MD/SY
 Sample : Q1072-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 21:56:20 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)

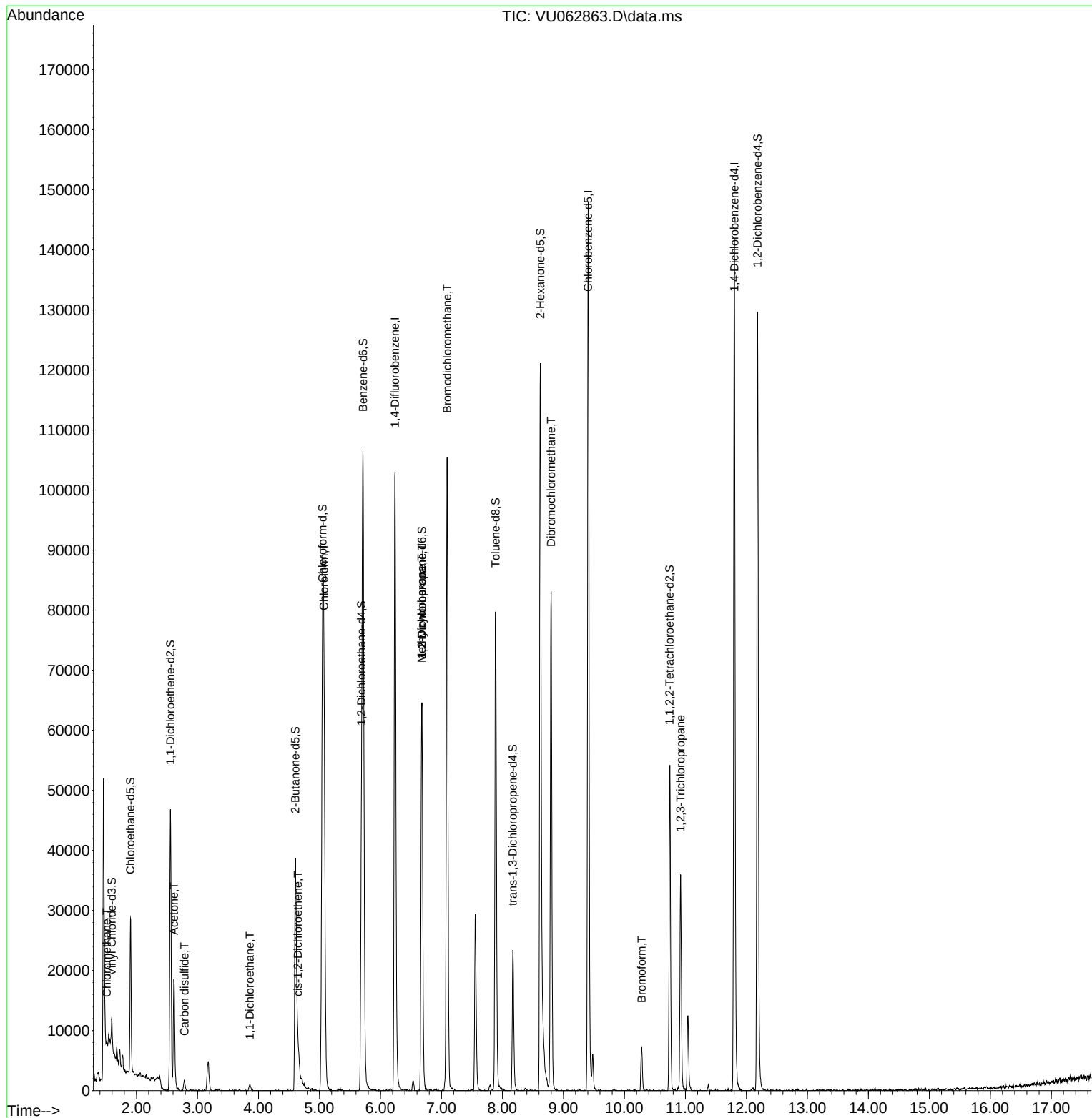
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87696	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	82291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3116	0.642	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	12.800%#
7) Chloroethane-d5	1.901	69	19250	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.557	65	8812	3.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.605	46	53699	54.096	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.200%
24) Chloroform-d	5.049	84	62959	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.689	65	36683	5.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	5.714	84	99986	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.679	67	27668	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.888	98	55551	2.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.600%#
43) trans-1,3-Dichloroprop...	8.171	79	11589	4.169	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.621	63	42284	48.359	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.720%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24237	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	36122	5.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1179	0.210	ug/L	87
13) Acetone	2.615	43	20777	26.421	ug/L	99
14) Carbon disulfide	2.785	76	2295	0.132	ug/L #	76
19) 1,1-Dichloroethane	3.859	63	1667	0.160	ug/L #	80
22) cis-1,2-Dichloroethene	4.650	96	795	0.125	ug/L	94
25) Chloroform	5.074	83	57355	4.469	ug/L	97
35) Methylcyclohexane	6.676	83	8062	0.811	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	4008	0.719	ug/L #	85
38) Bromodichloromethane	7.094	83	68625	7.651	ug/L	99
49) Dibromochloromethane	8.798	129	44201	7.268	ug/L	94
59) Bromoform	10.283	173	3631	1.043	ug/L	98
61) 1,2,3-Trichloropropane	10.920	75	533	0.151	ug/L #	47

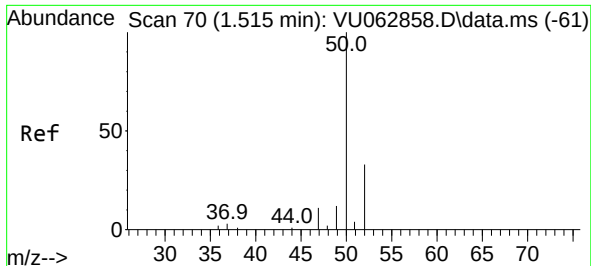
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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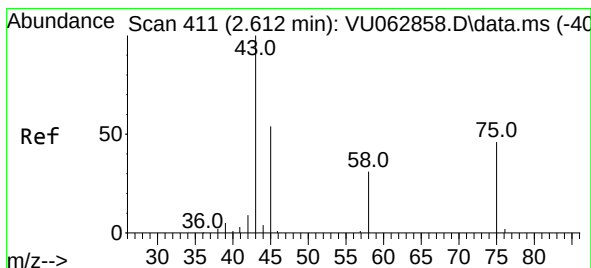
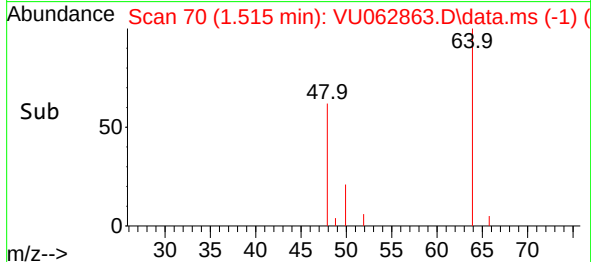
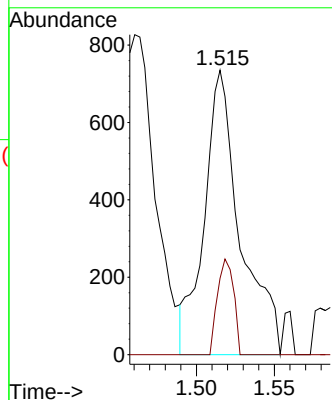
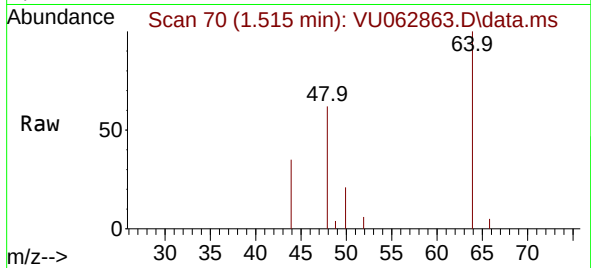




#3
Chloromethane
Concen: 0.210 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062863.D
Acq: 17 Jan 2025 11:45

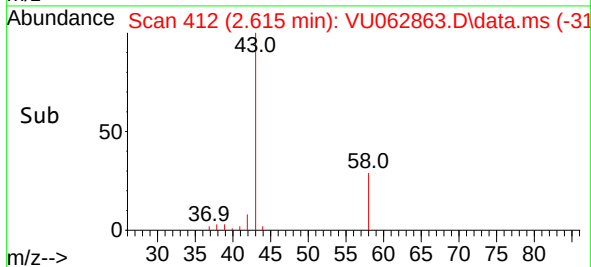
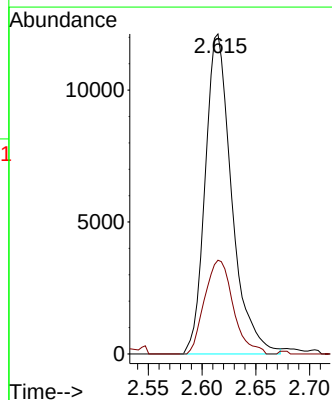
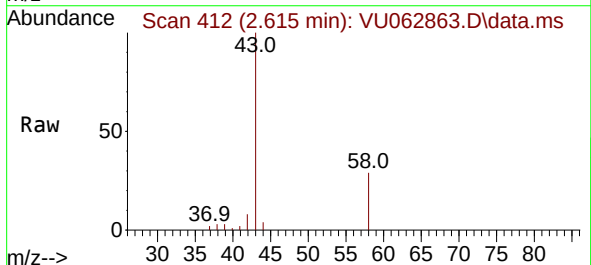
Instrument :
MSVOA_U
ClientSampleId :

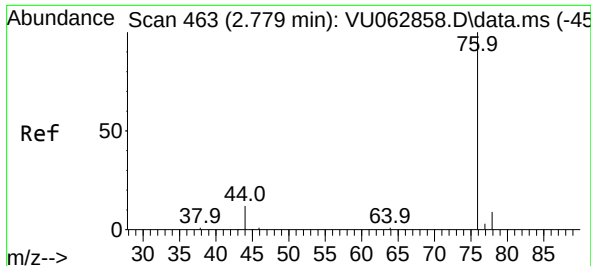
Tgt Ion: 50 Resp: 1179
Ion Ratio Lower Upper
50 100
52 26.8 24.1 44.7



#13
Acetone
Concen: 26.421 ug/L
RT: 2.615 min Scan# 412
Delta R.T. 0.003 min
Lab File: VU062863.D
Acq: 17 Jan 2025 11:45

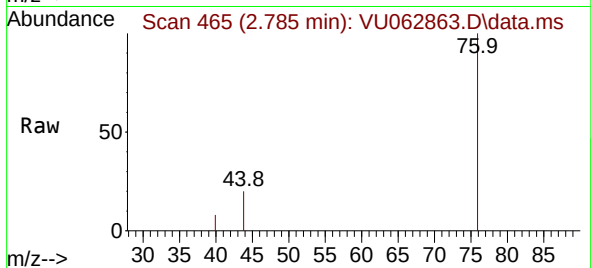
Tgt Ion: 43 Resp: 20777
Ion Ratio Lower Upper
43 100
58 31.5 0.0 64.4



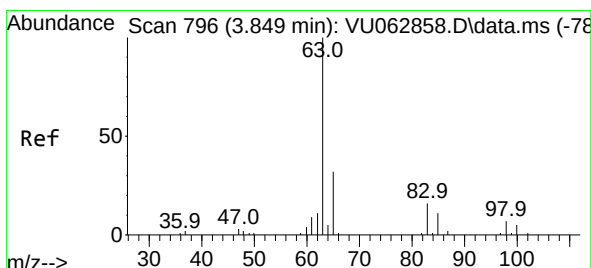
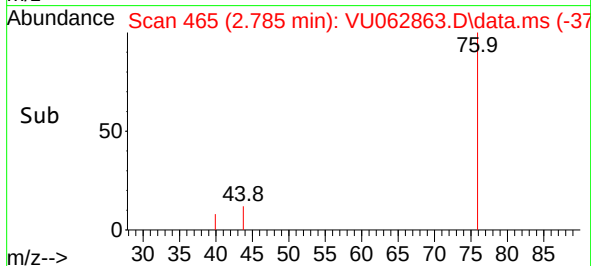
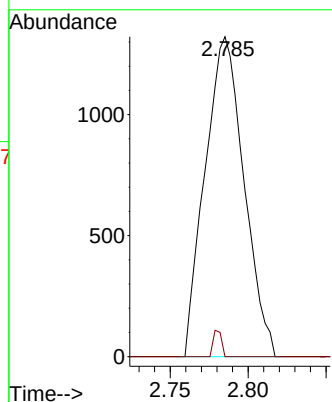


#14
Carbon disulfide
Concen: 0.132 ug/L
RT: 2.785 min Scan# 4
Delta R.T. 0.006 min
Lab File: VU062863.D
Acq: 17 Jan 2025 11:45

Instrument :
MSVOA_U
ClientSampleId :

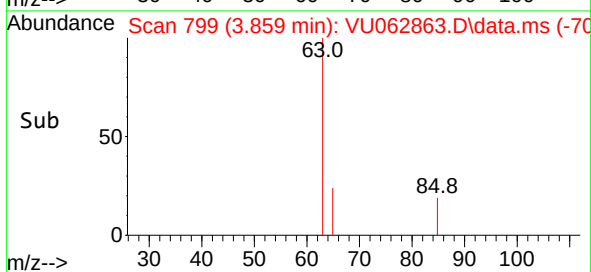
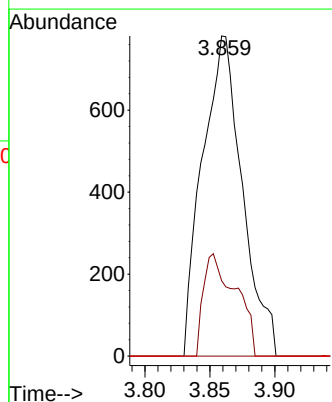
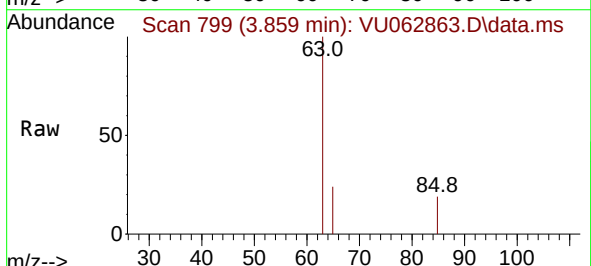


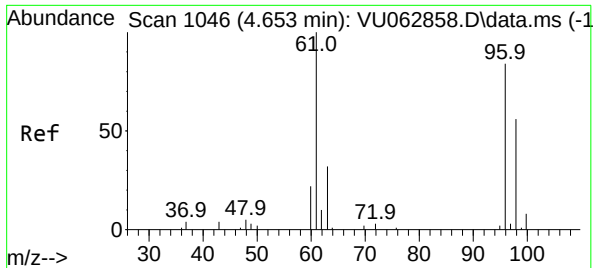
Tgt Ion: 76 Resp: 2295
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#19
1,1-Dichloroethane
Concen: 0.160 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.010 min
Lab File: VU062863.D
Acq: 17 Jan 2025 11:45

Tgt Ion: 63 Resp: 1667
Ion Ratio Lower Upper
63 100
65 23.6 20.7 38.5
83 0.0 10.5 19.5#



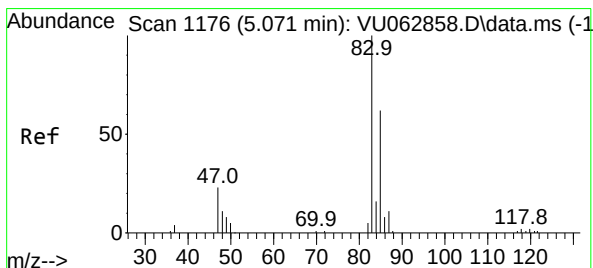
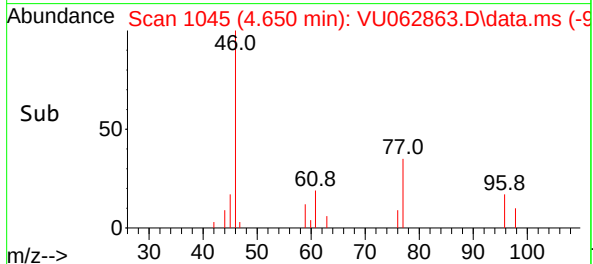
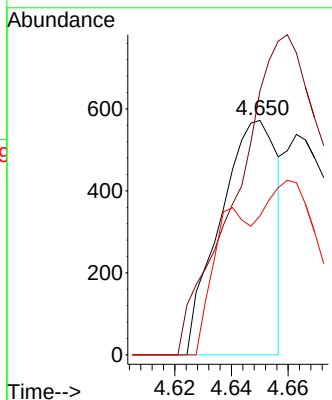
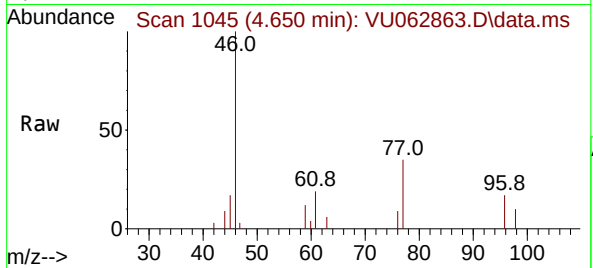


#22
 cis-1,2-Dichloroethene
 Concen: 0.125 ug/L
 RT: 4.650 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU062863.D
 Acq: 17 Jan 2025 11:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 795

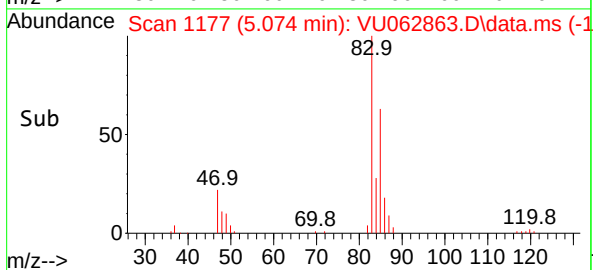
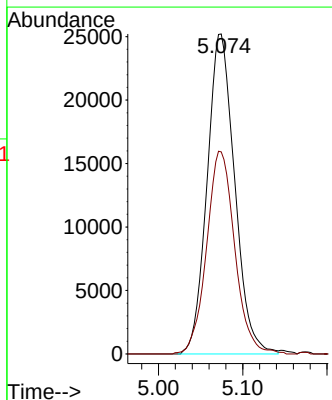
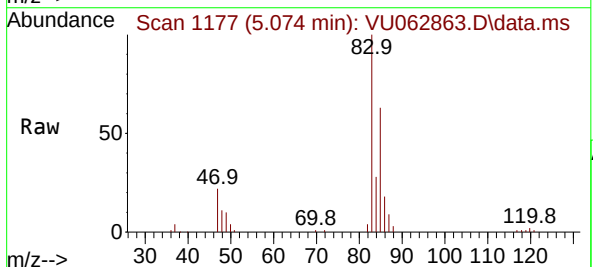
Ion	Ratio	Lower	Upper
96	100		
61	112.6	84.8	157.6
98	59.3	43.1	80.1

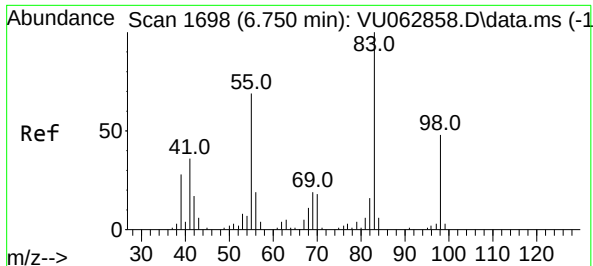


#25
 Chloroform
 Concen: 4.469 ug/L
 RT: 5.074 min Scan# 1177
 Delta R.T. 0.003 min
 Lab File: VU062863.D
 Acq: 17 Jan 2025 11:45

Tgt Ion: 83 Resp: 57355

Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.8	85.2





#35

Methylcyclohexane

Concen: 0.811 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062863.D

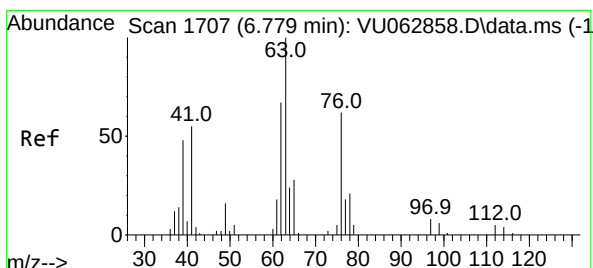
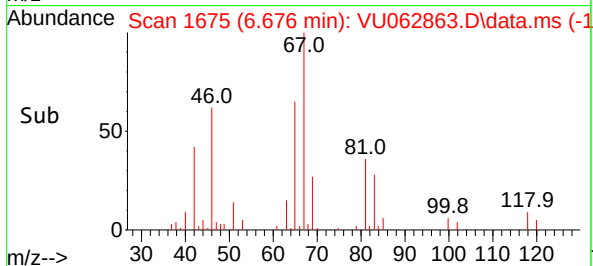
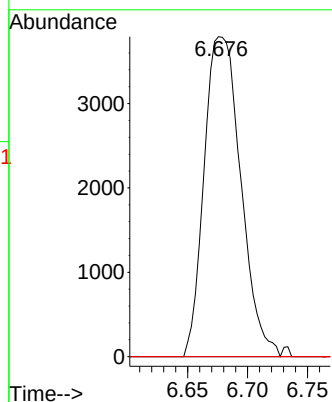
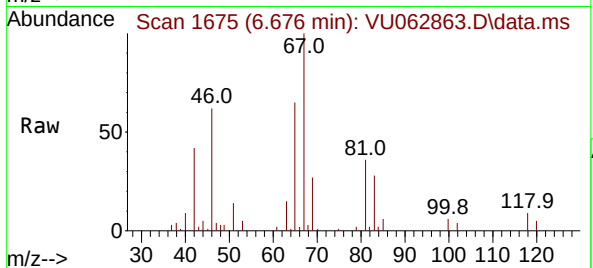
Acq: 17 Jan 2025 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 8062
Ion Ratio	Lower Upper
83	100
55	0.0 57.2 85.8#
98	0.0 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.719 ug/L

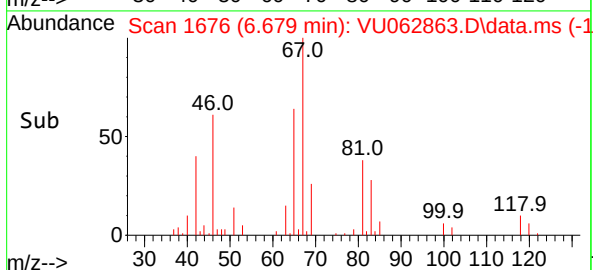
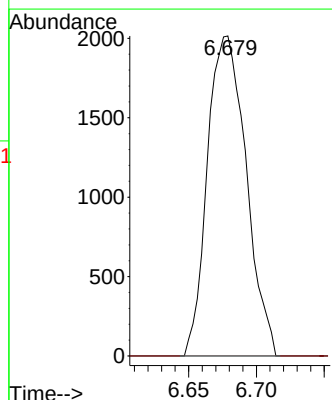
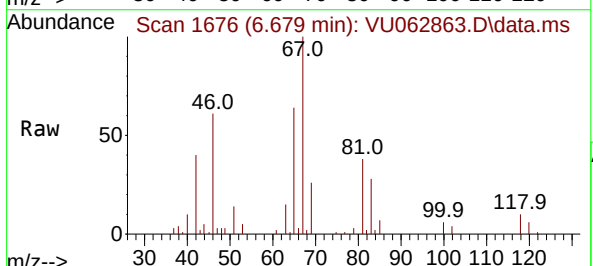
RT: 6.679 min Scan# 1676

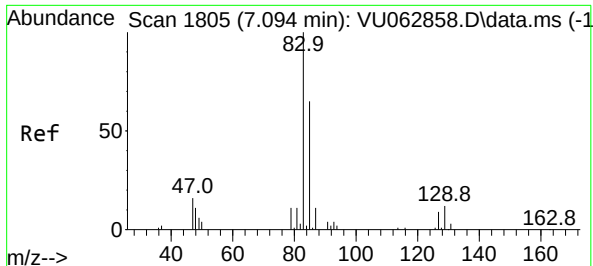
Delta R.T. -0.100 min

Lab File: VU062863.D

Acq: 17 Jan 2025 11:45

Tgt Ion: 63	Resp: 4008
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.8#

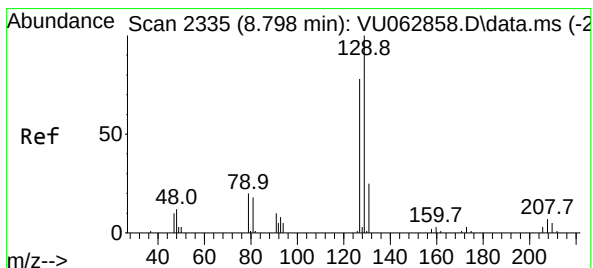
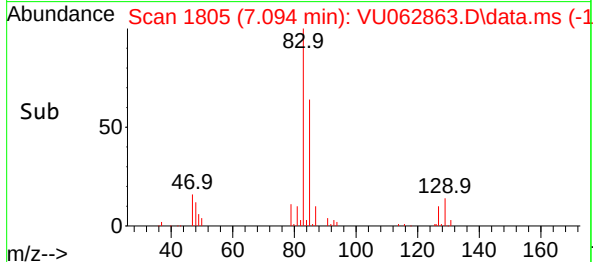
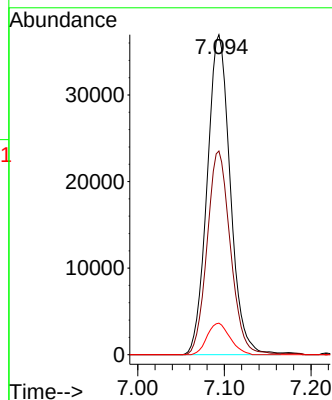
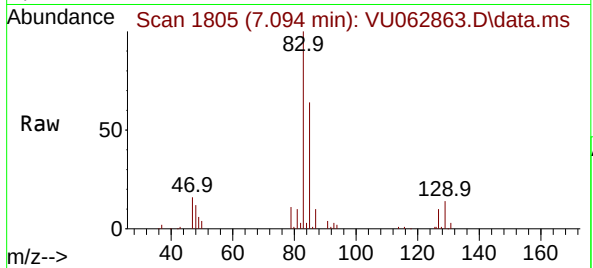




#38
Bromodichloromethane
Concen: 7.651 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU062863.D
Acq: 17 Jan 2025 11:45

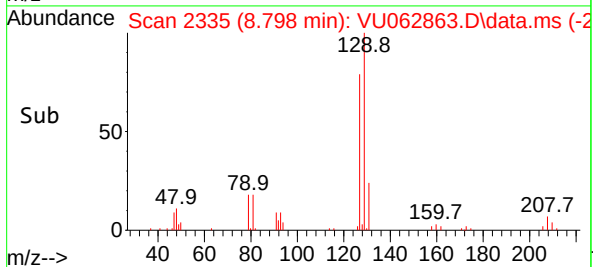
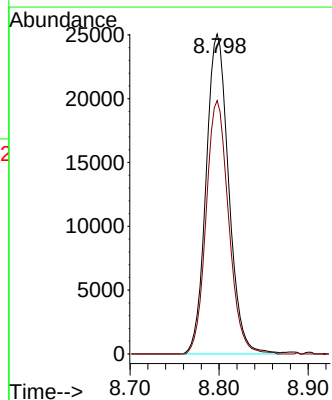
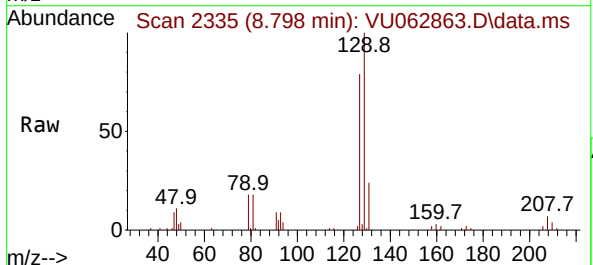
Instrument :
MSVOA_U
ClientSampleId :

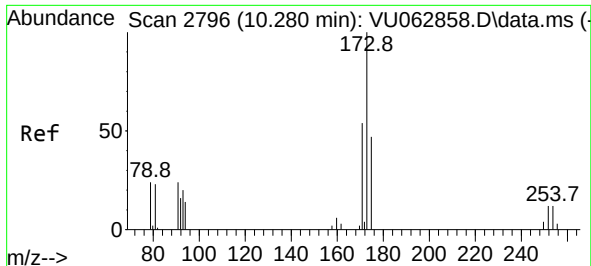
Tgt Ion: 83 Resp: 68625
Ion Ratio Lower Upper
83 100
85 63.6 44.2 82.0
127 9.8 7.8 11.8



#49
Dibromochloromethane
Concen: 7.268 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062863.D
Acq: 17 Jan 2025 11:45

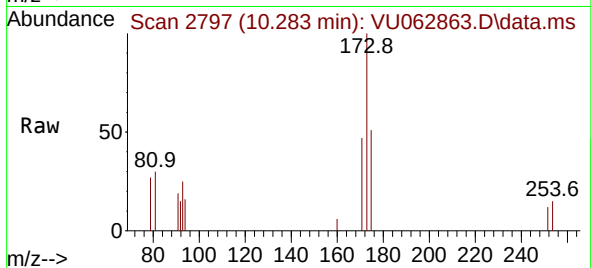
Tgt Ion: 129 Resp: 44201
Ion Ratio Lower Upper
129 100
127 79.2 52.1 96.9



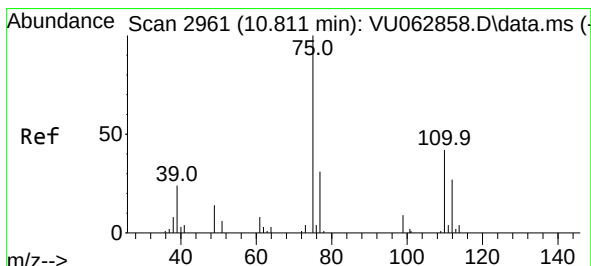
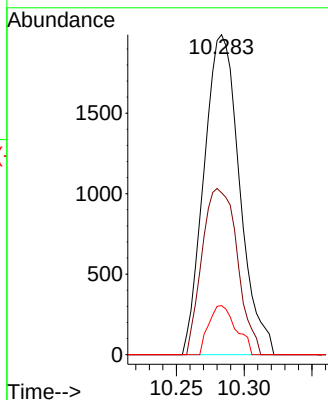
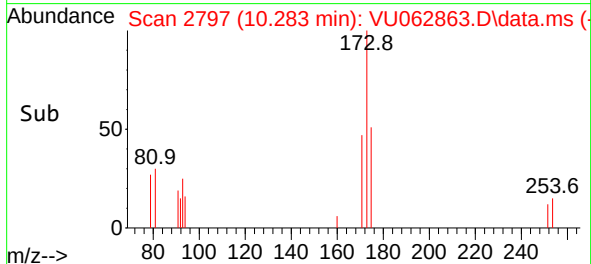


#59
Bromoform
Concen: 1.043 ug/L
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062863.D
Acq: 17 Jan 2025 11:45

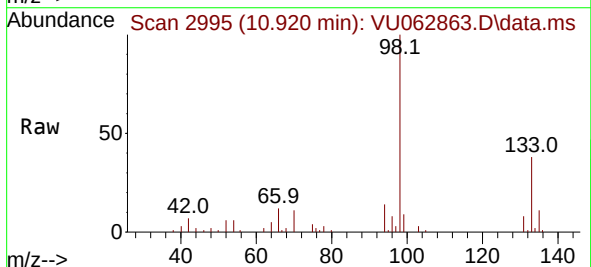
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:173 Resp: 3631
Ion Ratio Lower Upper
173 100
175 51.4 39.8 59.8
254 11.7 8.6 12.8



#61
1,2,3-Trichloropropane
Concen: 0.151 ug/L
RT: 10.920 min Scan# 2995
Delta R.T. 0.109 min
Lab File: VU062863.D
Acq: 17 Jan 2025 11:45



Tgt Ion: 75 Resp: 533
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 11.4 25.9 38.9#

