

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062950.D
 Acq On : 21 Jan 2025 18:37
 Operator : MD/SY
 Sample : Q1086-15DL 400X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 02:25:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:20:07 2025
 Response via : Initial Calibration

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

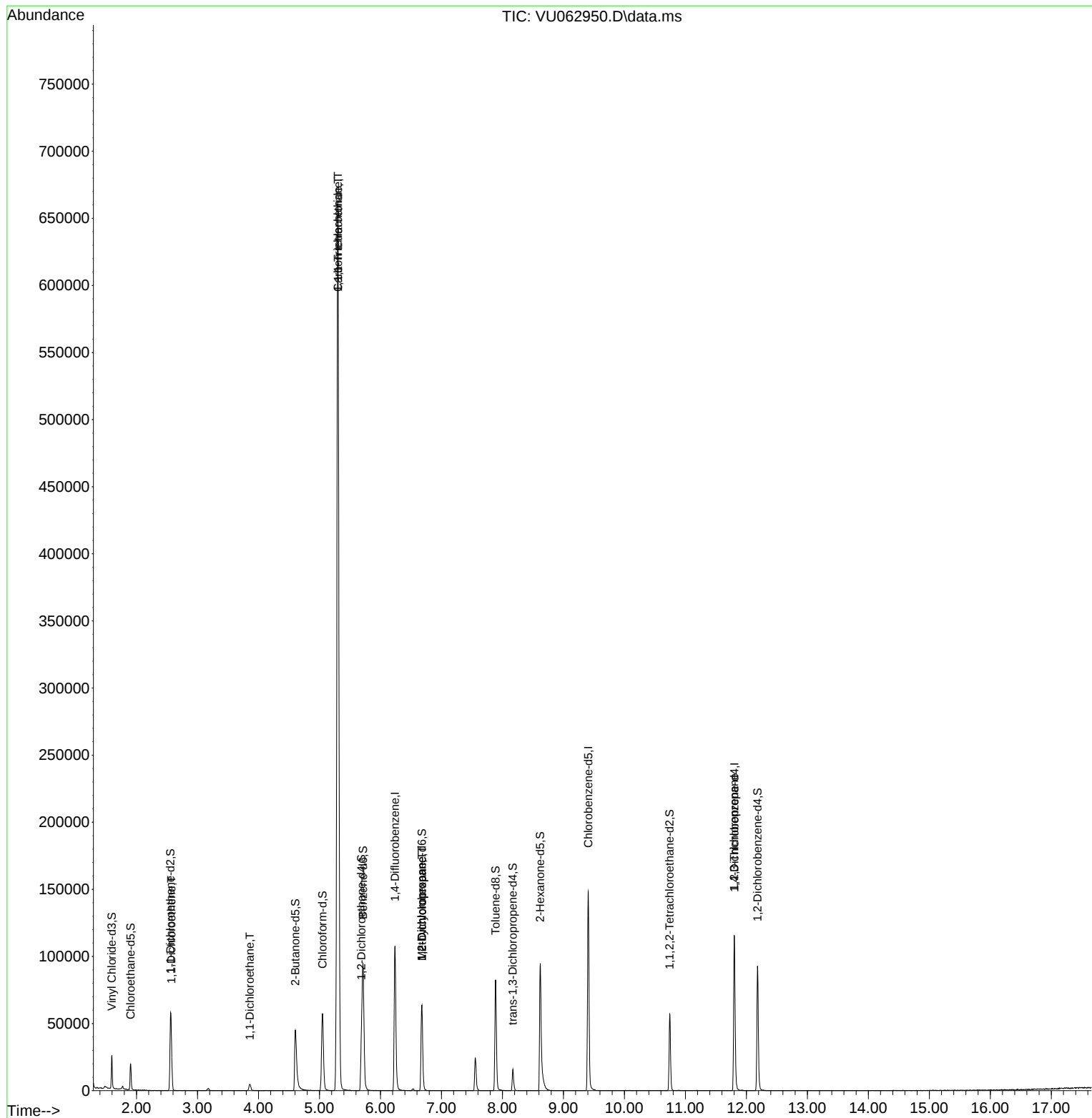
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90575	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16790	3.347	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.904	69	14040	3.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.557	65	9289	3.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.605	46	65492	63.879	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.760%
24) Chloroform-d	5.049	84	56423	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.689	65	34540	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.714	84	87621	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.679	67	28733	5.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.888	98	57708	2.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.800%#
43) trans-1,3-Dichloroprop...	8.171	79	9701	3.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.618	63	30441	34.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.300%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26101	5.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	27275	4.758	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	7126	1.267	ug/L #	17
19) 1,1-Dichloroethane	3.859	63	5973	0.555	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	511067	40.162	ug/L	99
31) Carbon tetrachloride	5.303	117	60033	5.133	ug/L	98
35) Methylcyclohexane	6.679	83	7907	0.780	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3605	0.634	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	2910	0.952	ug/L #	59

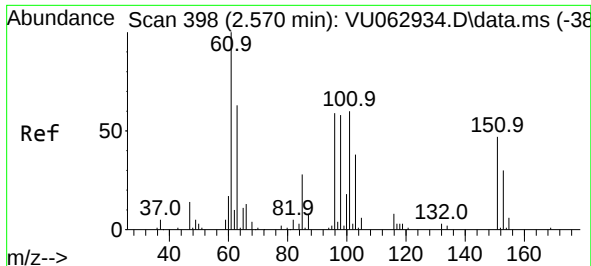
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.267 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

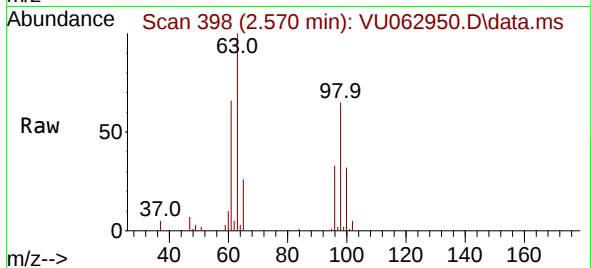
Lab File: VU062950.D

Acq: 21 Jan 2025 18:37

Instrument :

MSVOA_U

ClientSampleId :



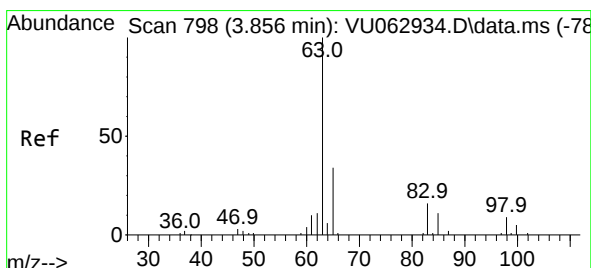
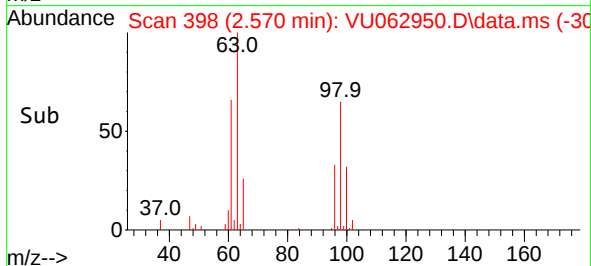
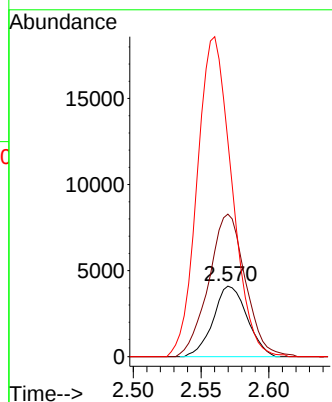
Tgt Ion: 96 Resp: 7126

Ion Ratio Lower Upper

96 100

61 202.3 120.4 223.6

63 305.8 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 0.555 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU062950.D

Acq: 21 Jan 2025 18:37

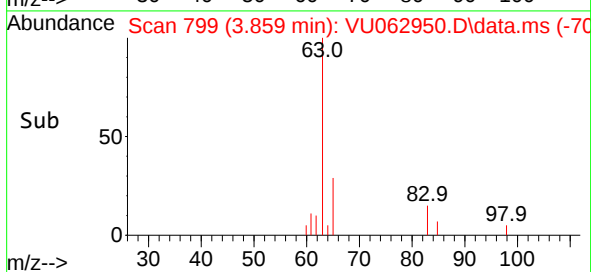
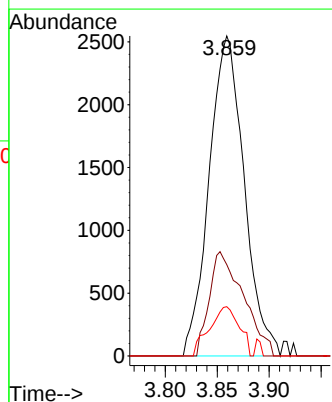
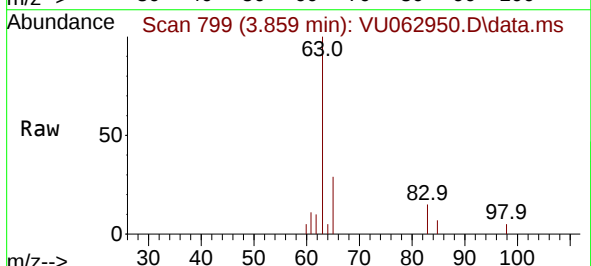
Tgt Ion: 63 Resp: 5973

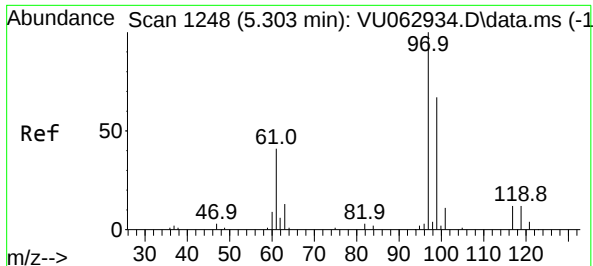
Ion Ratio Lower Upper

63 100

65 28.6 20.7 38.5

83 15.4 10.5 19.5





#29

1,1,1-Trichloroethane

Concen: 40.162 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU062950.D

Acq: 21 Jan 2025 18:37

Instrument :

MSVOA_U

ClientSampleId :

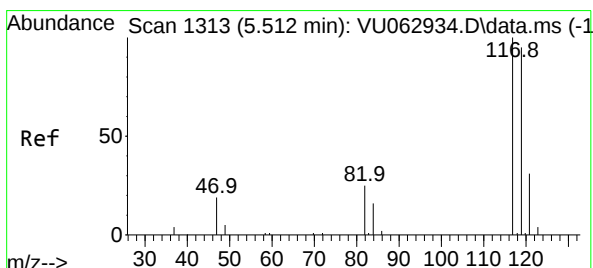
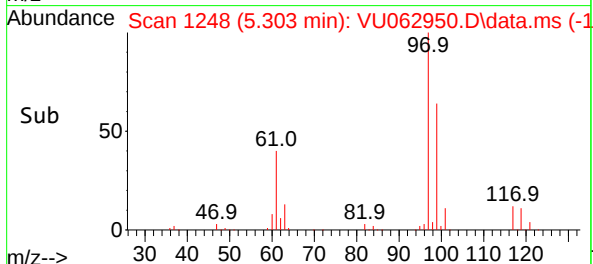
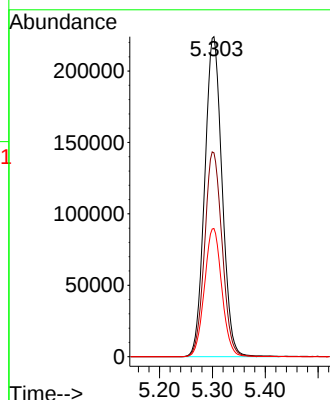
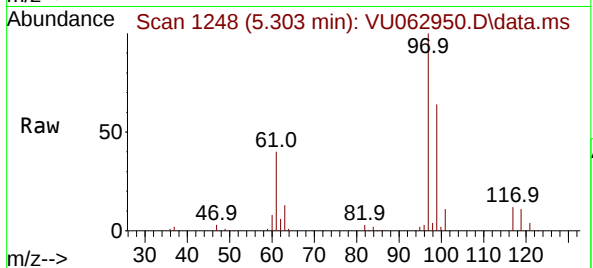
Tgt Ion: 97 Resp: 511067

Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 40.0 32.2 48.4



#31

Carbon tetrachloride

Concen: 5.133 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.209 min

Lab File: VU062950.D

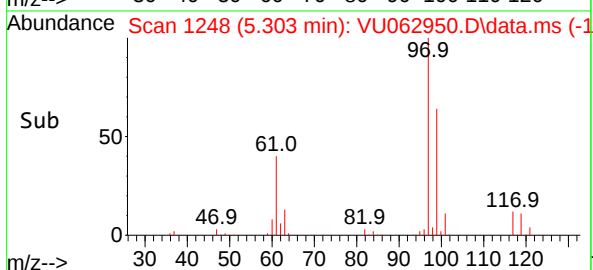
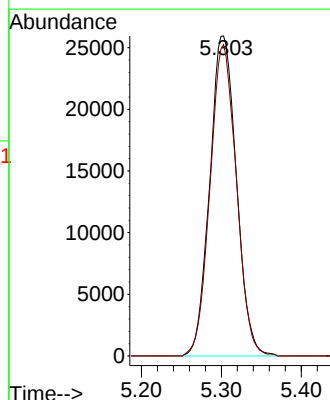
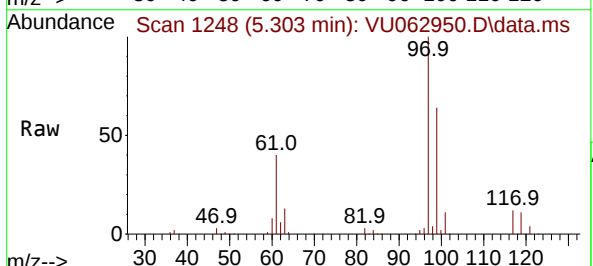
Acq: 21 Jan 2025 18:37

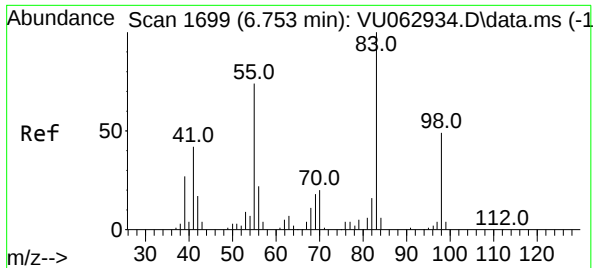
Tgt Ion: 117 Resp: 60033

Ion Ratio Lower Upper

117 100

119 96.0 78.6 118.0

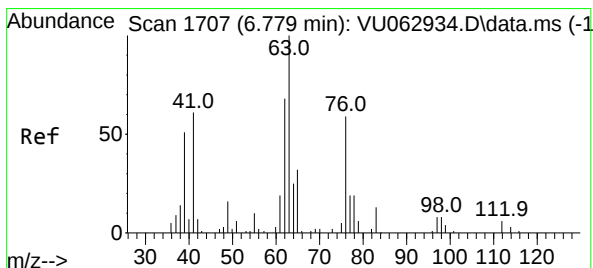
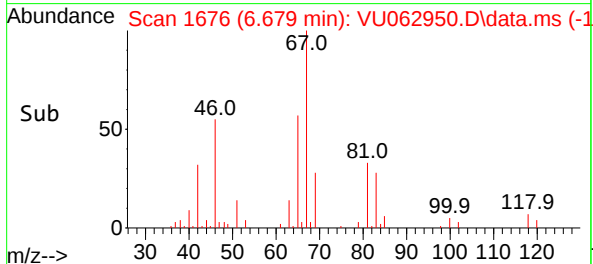
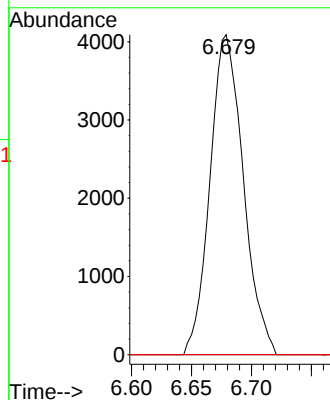
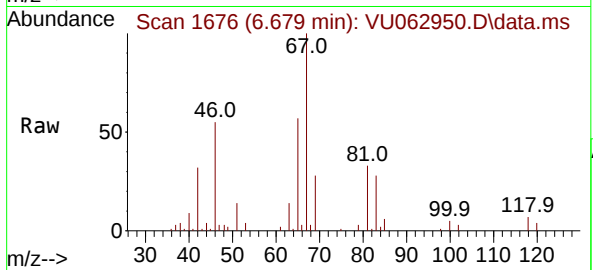




#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062950.D
Acq: 21 Jan 2025 18:37

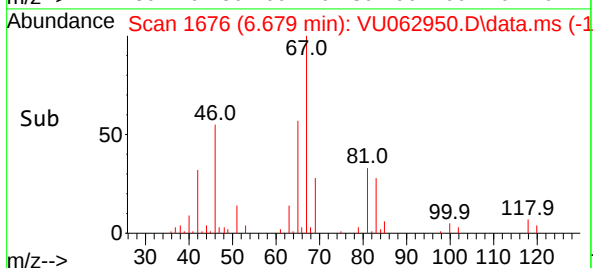
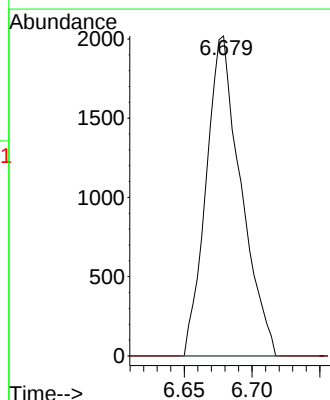
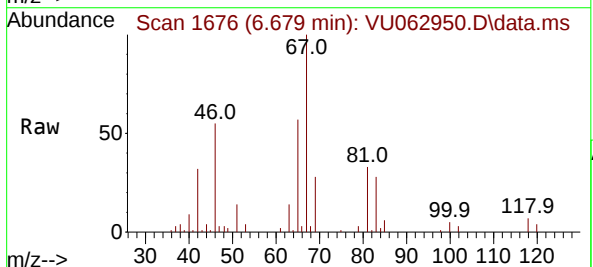
Instrument :
MSVOA_U
ClientSampleId :

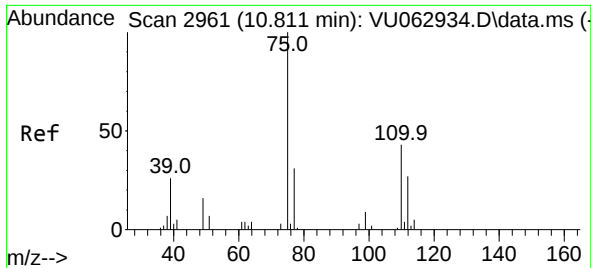
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.0	36.6	55.0#



#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062950.D
Acq: 21 Jan 2025 18:37

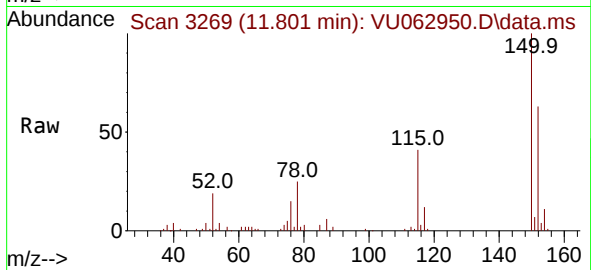
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.952 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062950.D
 Acq: 21 Jan 2025 18:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 2910
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 37.6 25.9 38.9

