

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062937.D
 Acq On : 21 Jan 2025 12:34
 Operator : MD/SY
 Sample : Q1086-07DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 02:22:21 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)

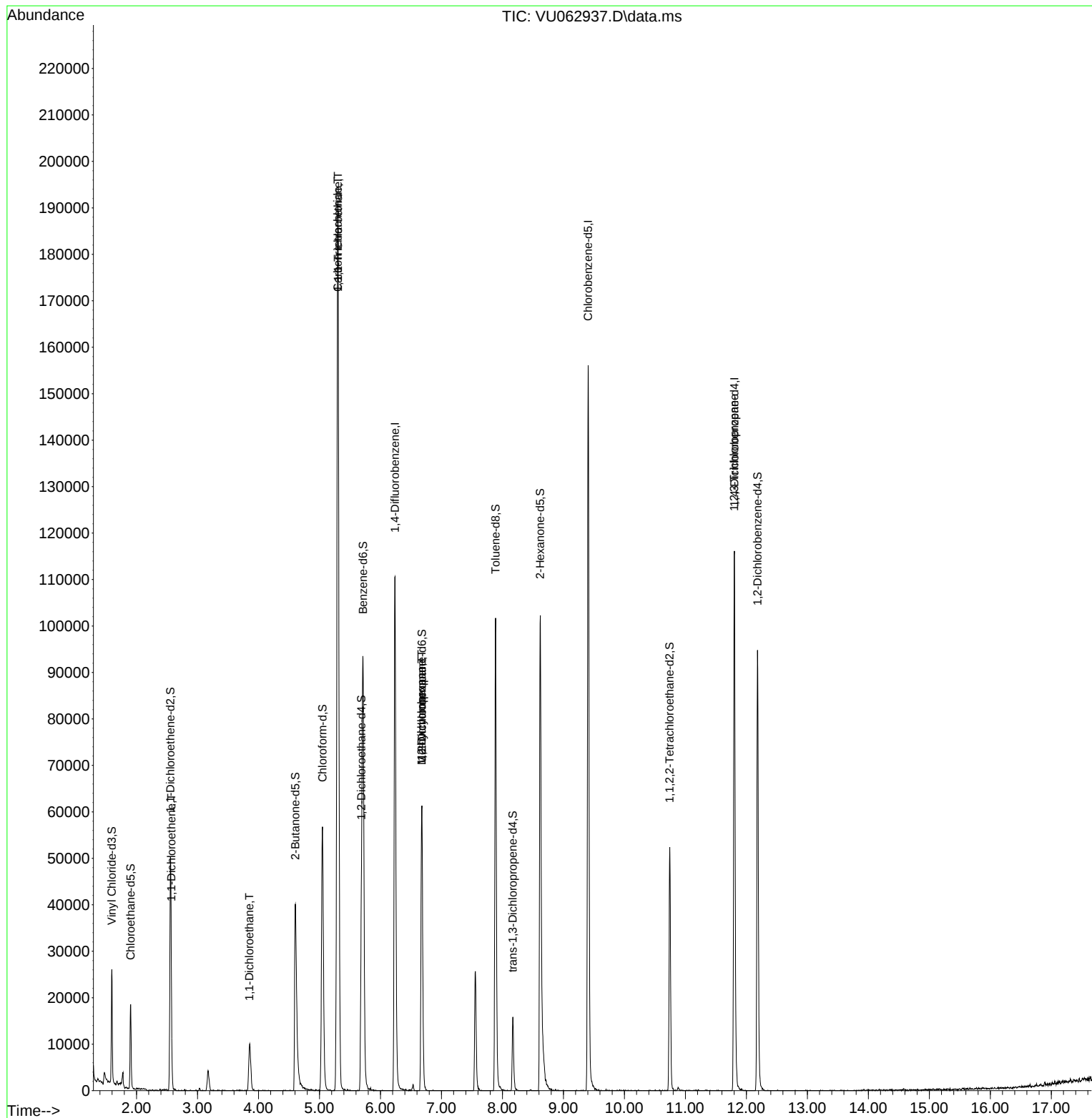
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	86344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16711	3.281	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.904	69	12338	3.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.200%#
11) 1,1-Dichloroethene-d2	2.557	65	9793	3.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.605	46	57270	55.010	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.020%
24) Chloroform-d	5.049	84	56242	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.689	65	32682	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.714	84	87242	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.679	67	27104	4.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.888	98	67410	3.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	8.171	79	10161	3.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.618	63	34408	37.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.000%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24380	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	27391	4.749	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1900	0.333	ug/L #	1
19) 1,1-Dichloroethane	3.853	63	12272	1.122	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	147018	11.225	ug/L	99
31) Carbon tetrachloride	5.299	117	17226	1.431	ug/L	98
35) Methylcyclohexane	6.676	83	7590	0.728	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3517	0.601	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	2882	0.937	ug/L #	53

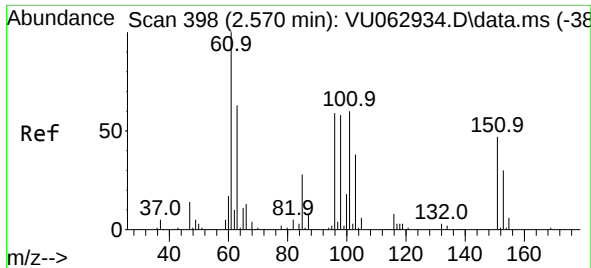
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:20:07 2025
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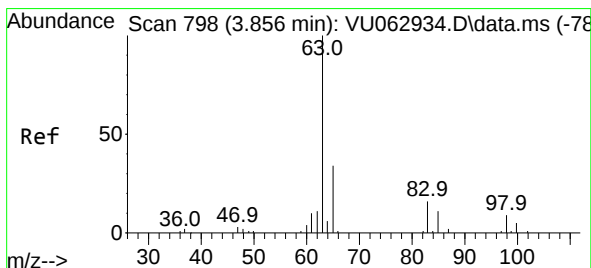
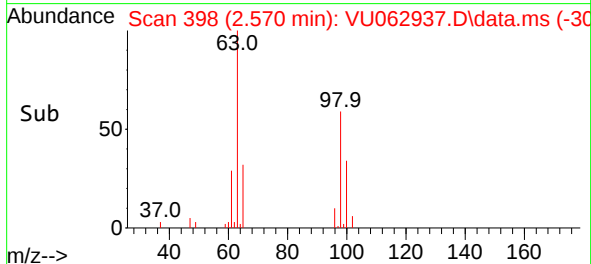
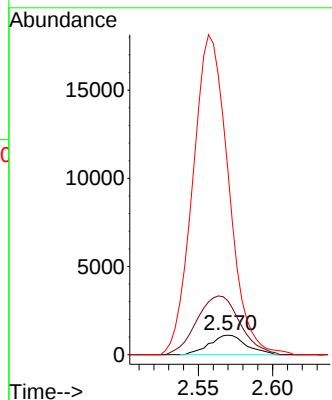
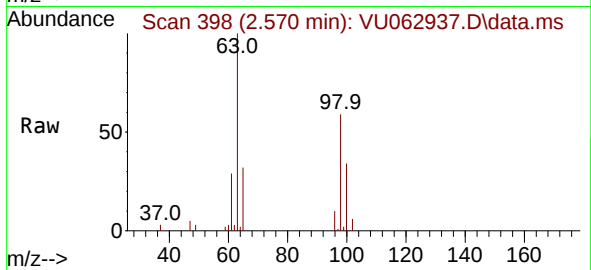




#12
1,1-Dichloroethene
Concen: 0.333 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062937.D
Acq: 21 Jan 2025 12:34

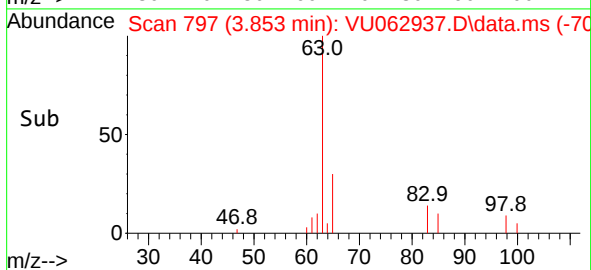
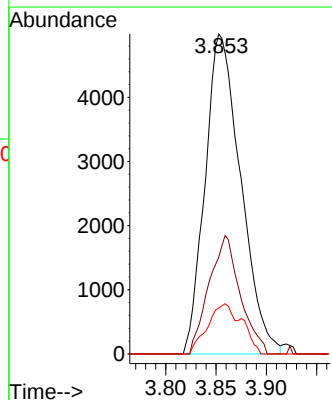
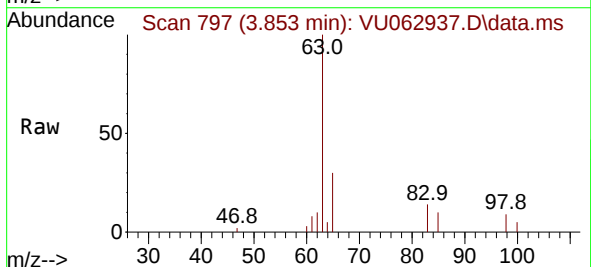
Instrument :
MSVOA_U
ClientSampleId :

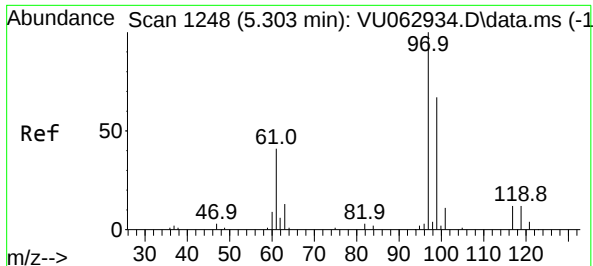
Tgt Ion: 96 Resp: 1900
Ion Ratio Lower Upper
96 100
61 277.6 120.4 223.6#
63 955.4 82.3 152.9#



#19
1,1-Dichloroethane
Concen: 1.122 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU062937.D
Acq: 21 Jan 2025 12:34

Tgt Ion: 63 Resp: 12272
Ion Ratio Lower Upper
63 100
65 30.2 20.7 38.5
83 14.4 10.5 19.5





#29

1,1,1-Trichloroethane

Concen: 11.225 ug/L

RT: 5.303 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU062937.D

Acq: 21 Jan 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

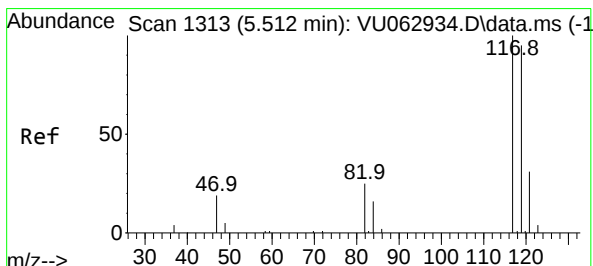
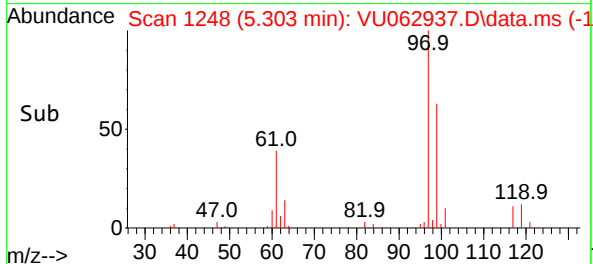
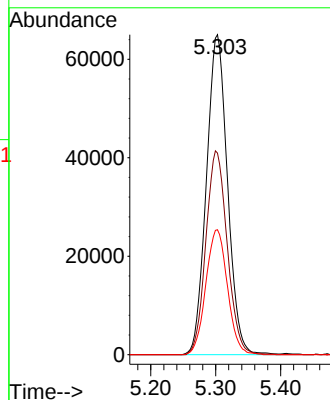
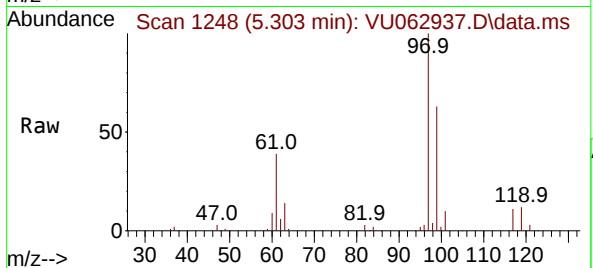
Tgt Ion: 97 Resp: 147018

Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 40.0 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.431 ug/L

RT: 5.299 min Scan# 1247

Delta R.T. -0.212 min

Lab File: VU062937.D

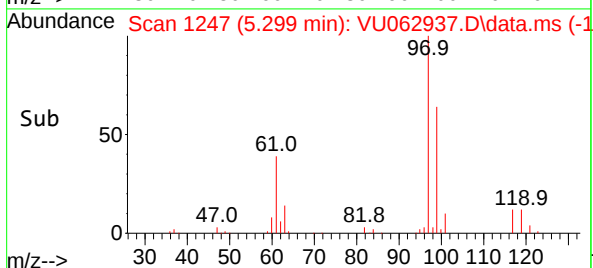
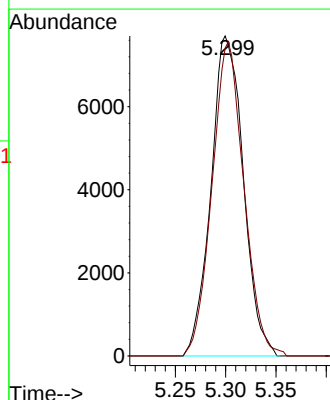
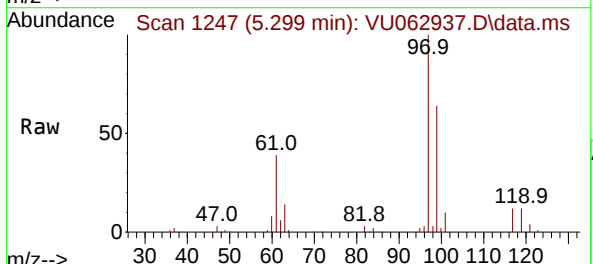
Acq: 21 Jan 2025 12:34

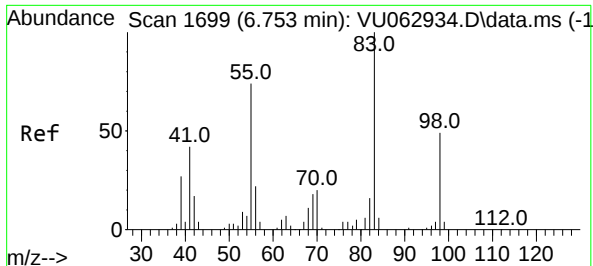
Tgt Ion: 117 Resp: 17226

Ion Ratio Lower Upper

117 100

119 96.4 78.6 118.0

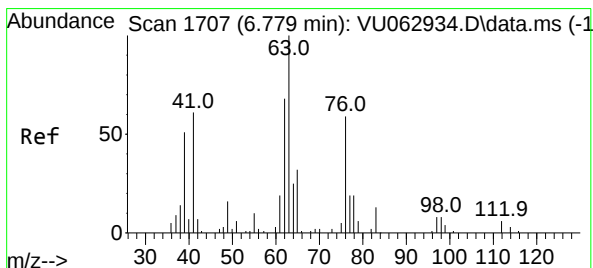
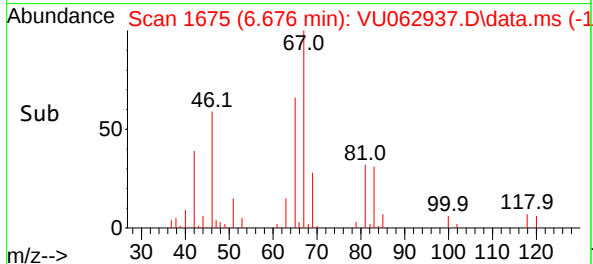
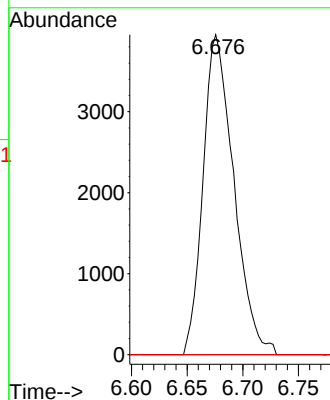
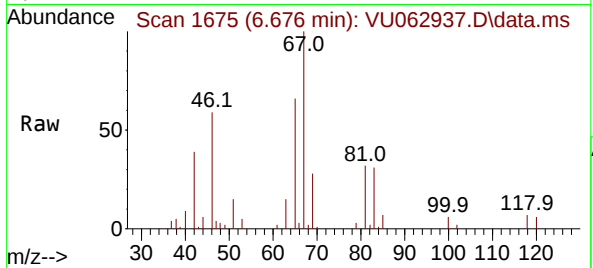




#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.077 min
Lab File: VU062937.D
Acq: 21 Jan 2025 12:34

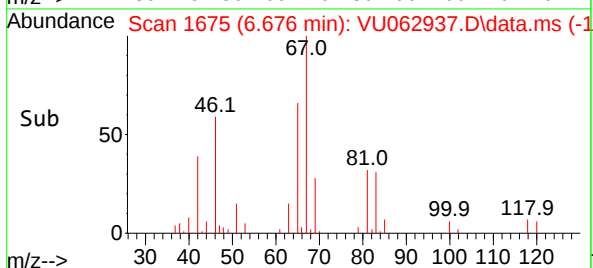
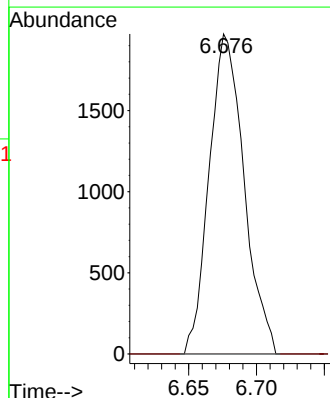
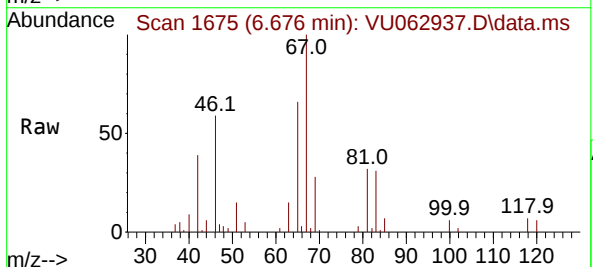
Instrument :
MSVOA_U
ClientSampleId :

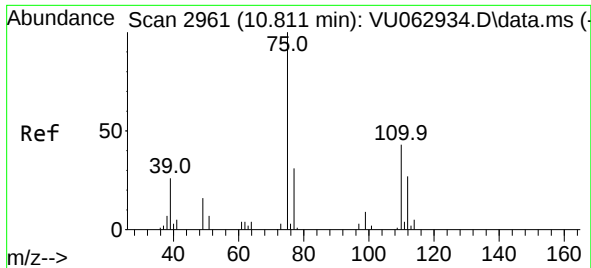
Tgt Ion: 83 Resp: 7590
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062937.D
Acq: 21 Jan 2025 12:34

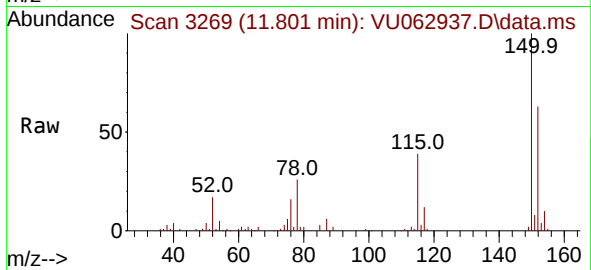
Tgt Ion: 63 Resp: 3517
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.937 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062937.D
 Acq: 21 Jan 2025 12:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.1	33.2	49.8#
77	48.9	25.9	38.9#

