

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062697.D
 Acq On : 10 Jan 2025 21:48
 Operator : MD/SY
 Sample : Q1059-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:33:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

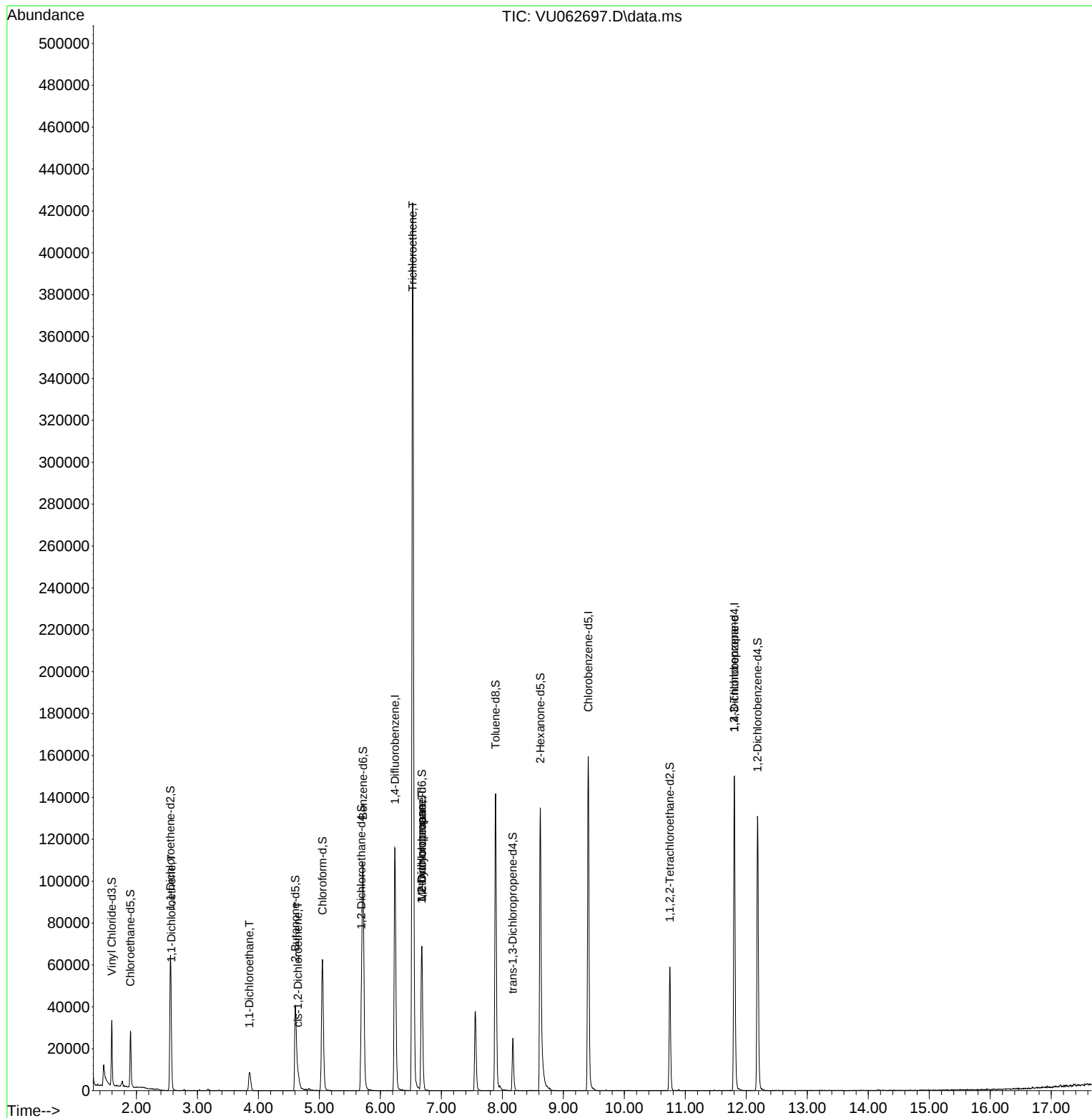
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96128	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21241	3.990	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.901	69	19355	4.519	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.557	65	11650	4.224	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	4.605	46	57640	52.972	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.940%	
24) Chloroform-d	5.049	84	61808	4.719	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.689	65	35967	5.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.715	84	103180	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.679	67	30466	5.006	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.888	98	98079	4.586	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	8.171	79	15117	4.983	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.600%	
46) 2-Hexanone-d5	8.621	63	48627	50.962	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.920%	
56) 1,1,2,2-Tetrachloroeth...	10.747	84	26908	5.279	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.600%	
66) 1,2-Dichlorobenzene-d4	12.184	152	36911	5.177	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	3538	0.593	ug/L #	1
19) 1,1-Dichloroethane	3.853	63	10861	0.950	ug/L #	83
22) cis-1,2-Dichloroethene	4.650	96	1979	0.284	ug/L	73
34) Trichloroethene	6.528	95	147351	16.718	ug/L	99
35) Methylcyclohexane	6.679	83	8674	0.800	ug/L #	22
37) 1,2-Dichloropropane	6.676	63	3922	0.644	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	4178	1.099	ug/L #	57

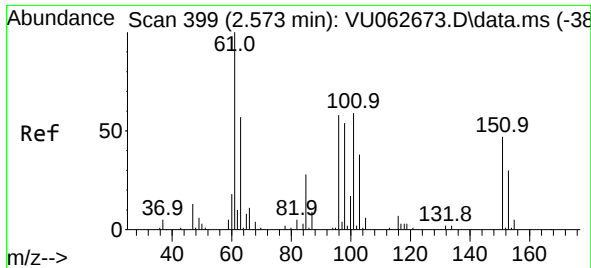
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 10 22:42:03 2025
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#12

1,1-Dichloroethene

Concen: 0.593 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU062697.D

Acq: 10 Jan 2025 21:48

Instrument :

MSVOA_U

ClientSampleId :

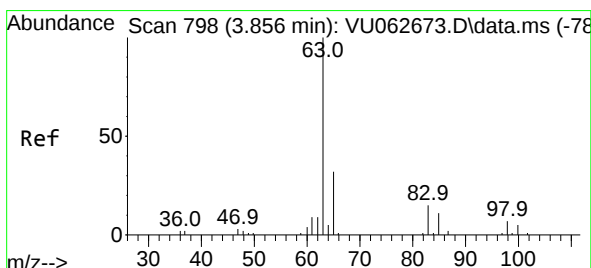
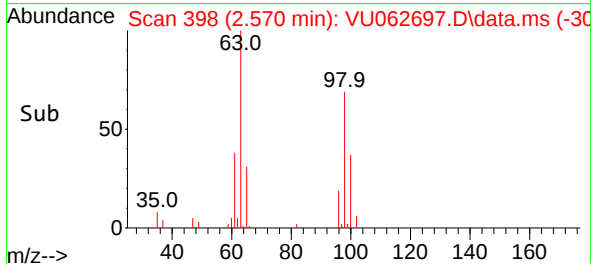
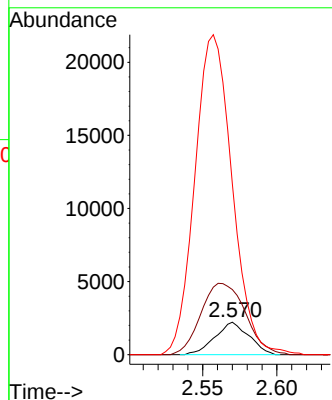
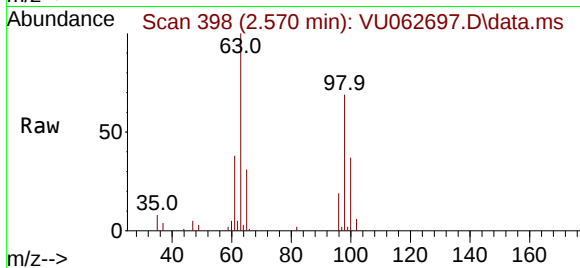
Tgt Ion: 96 Resp: 3538

Ion Ratio Lower Upper

96 100

61 200.5 120.4 223.6

63 525.7 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 0.950 ug/L

RT: 3.853 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU062697.D

Acq: 10 Jan 2025 21:48

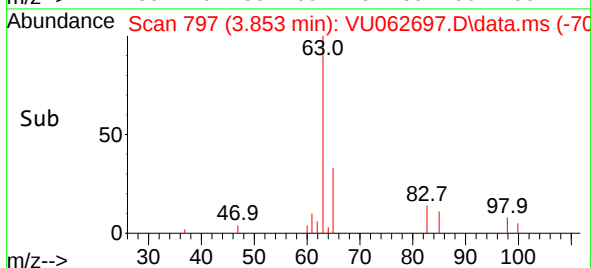
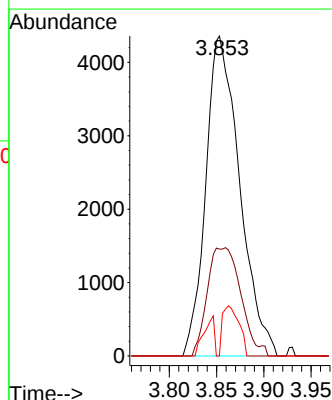
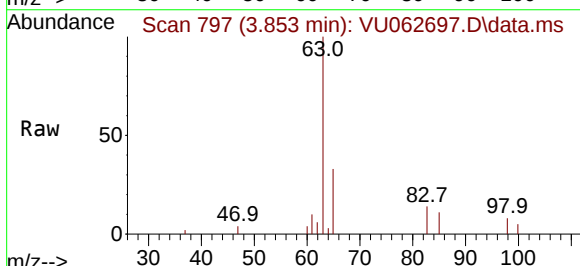
Tgt Ion: 63 Resp: 10861

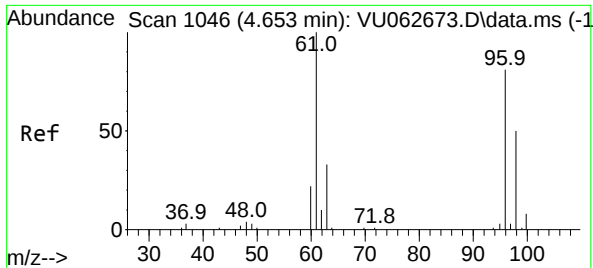
Ion Ratio Lower Upper

63 100

65 33.4 20.7 38.5

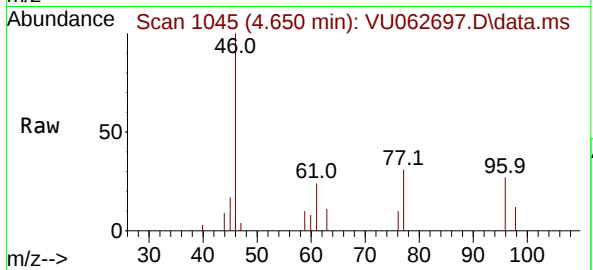
83 0.0 10.5 19.5#



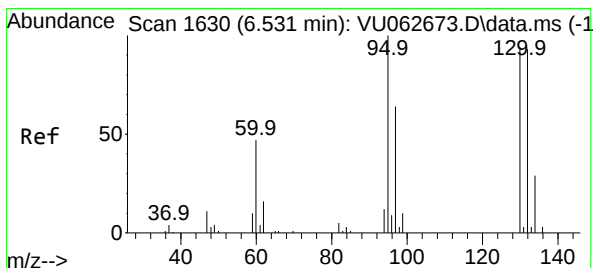
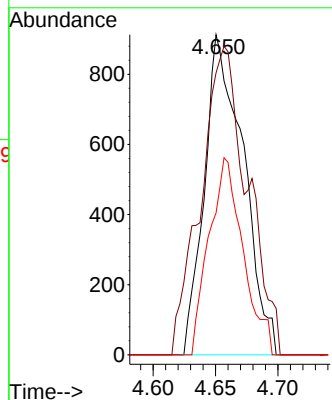
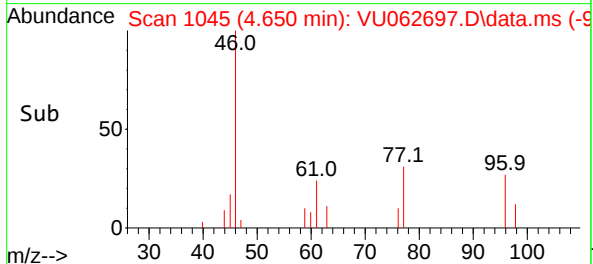


#22
 cis-1,2-Dichloroethene
 Concen: 0.284 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062697.D
 Acq: 10 Jan 2025 21:48

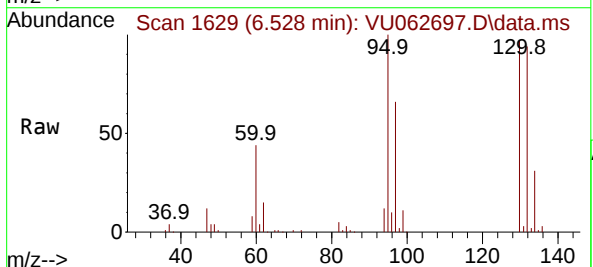
Instrument :
 MSVOA_U
 ClientSampleId :



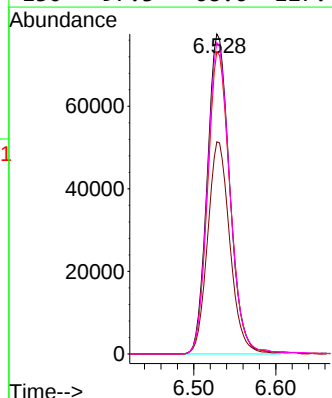
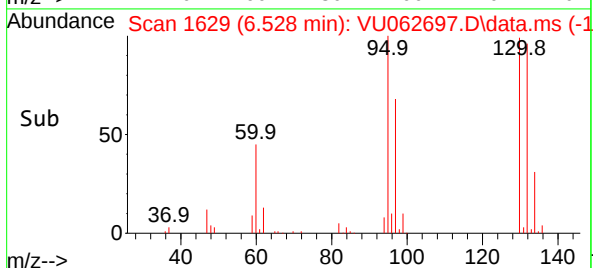
Tgt Ion: 96 Resp: 1979
 Ion Ratio Lower Upper
 96 100
 61 88.1 84.8 157.6
 98 44.2 43.1 80.1

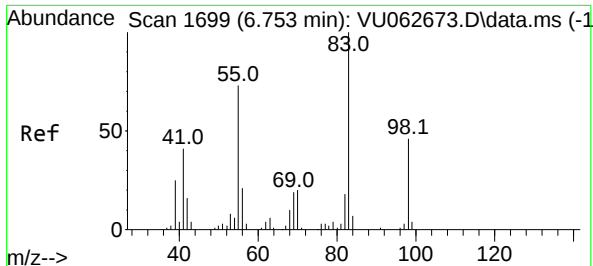


#34
 Trichloroethene
 Concen: 16.718 ug/L
 RT: 6.528 min Scan# 1629
 Delta R.T. -0.003 min
 Lab File: VU062697.D
 Acq: 10 Jan 2025 21:48



Tgt Ion: 95 Resp: 147351
 Ion Ratio Lower Upper
 95 100
 97 66.3 47.5 88.3
 132 94.4 66.9 124.3
 130 97.3 68.6 127.4

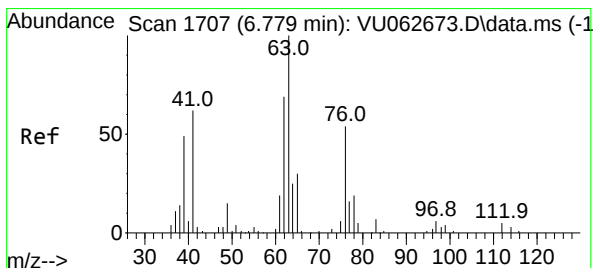
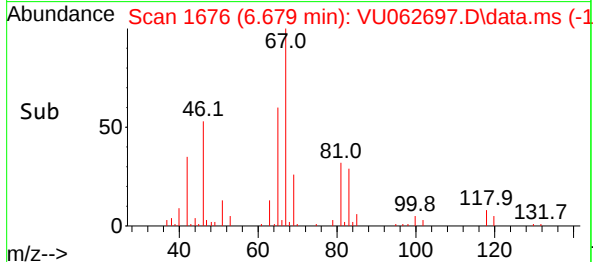
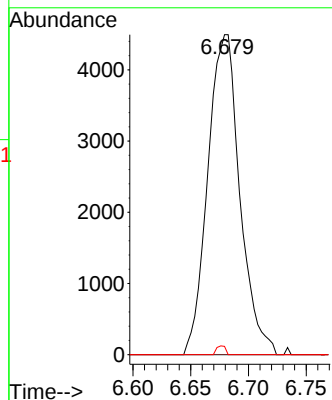
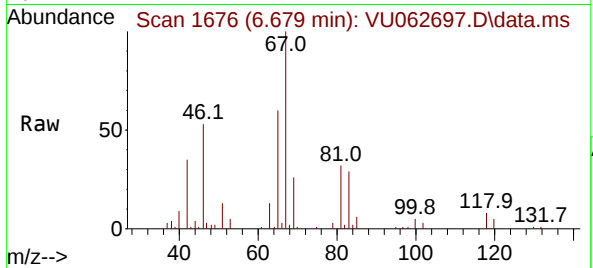




#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062697.D
Acq: 10 Jan 2025 21:48

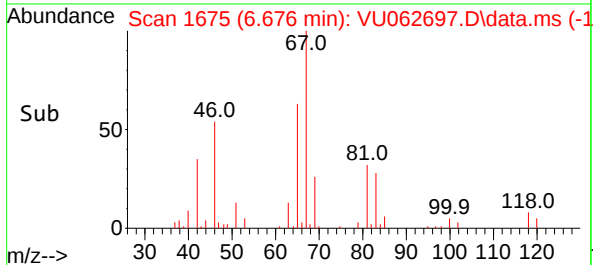
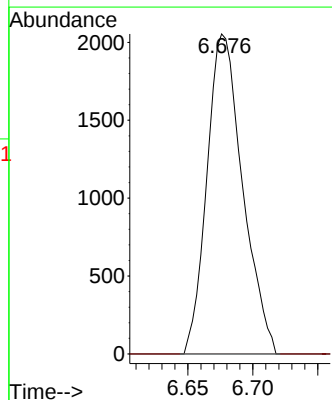
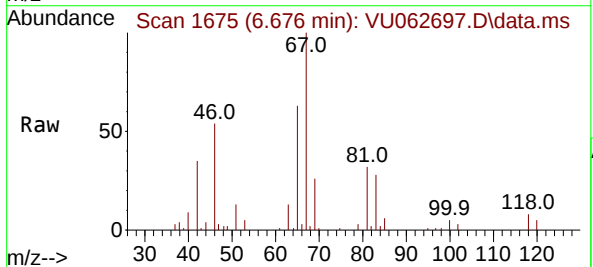
Instrument :
MSVOA_U
ClientSampleId :

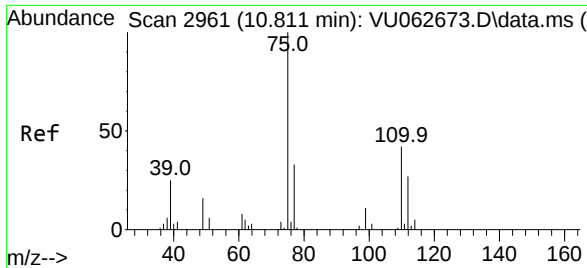
Tgt Ion: 83 Resp: 8674
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 3.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062697.D
Acq: 10 Jan 2025 21:48

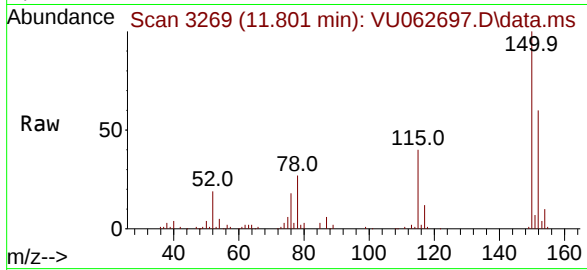
Tgt Ion: 63 Resp: 3922
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.099 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU062697.D
 Acq: 10 Jan 2025 21:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4178
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 40.3 25.9 38.9#

