

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062912.D
 Acq On : 20 Jan 2025 12:18
 Operator : MD/SY
 Sample : Q1072-01DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:40:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

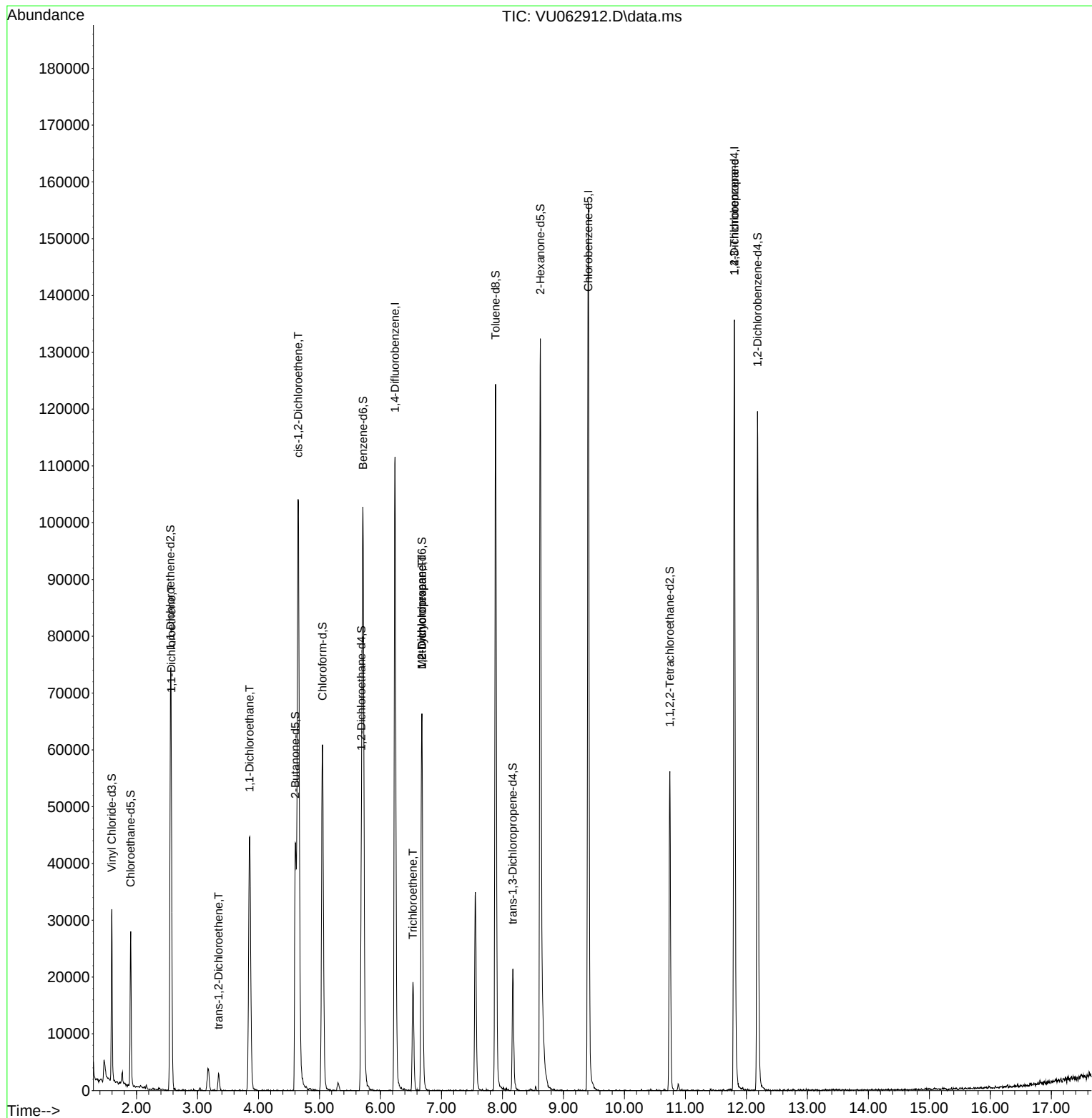
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93278	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87462	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18809	3.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.904	69	18646	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.557	65	10529	3.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.605	46	61253	58.013	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.020%
24) Chloroform-d	5.049	84	60310	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.689	65	35515	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.714	84	94586	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.679	67	28080	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.888	98	85309	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.171	79	13679	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.621	63	46848	50.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.820%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26322	5.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	34484	5.234	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	11845	2.046	ug/L #	67
18) trans-1,2-Dichloroethene	3.348	96	1453	0.234	ug/L	93
19) 1,1-Dichloroethane	3.856	63	50595	4.561	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	55666	8.240	ug/L	97
34) Trichloroethene	6.531	95	6631	0.772	ug/L	94
35) Methylcyclohexane	6.679	83	8212	0.777	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	4018	0.678	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3643	1.037	ug/L #	62

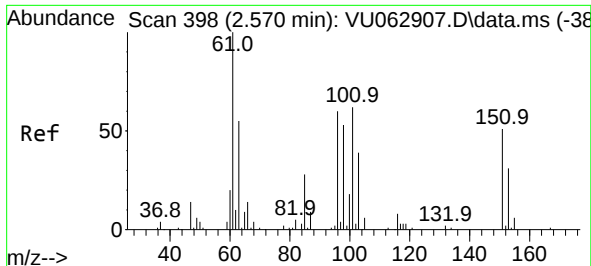
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 21 02:39:03 2025
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.046 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU062912.D

Acq: 20 Jan 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

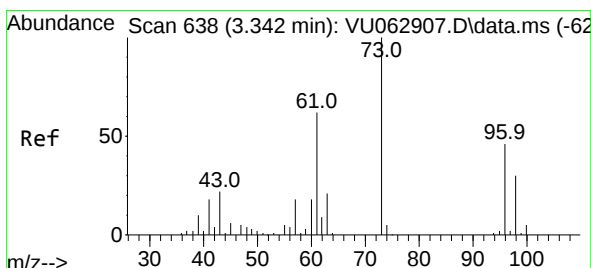
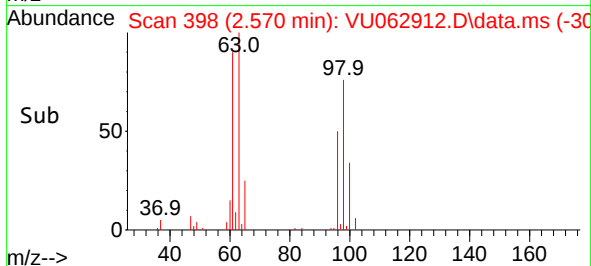
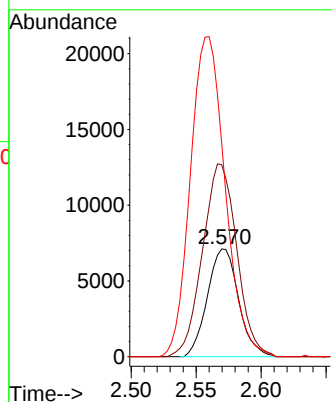
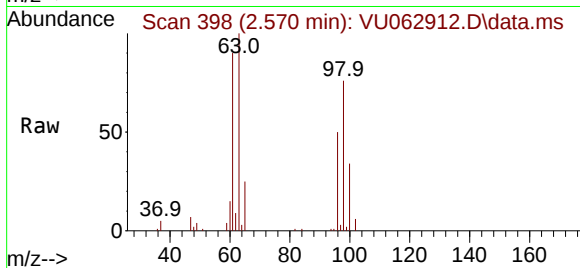
Tgt Ion: 96 Resp: 11845

Ion Ratio Lower Upper

96 100

61 178.1 120.4 223.6

63 198.6 82.3 152.9#



#18

trans-1,2-Dichloroethene

Concen: 0.234 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.006 min

Lab File: VU062912.D

Acq: 20 Jan 2025 12:18

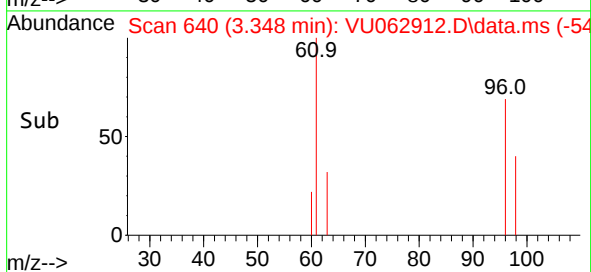
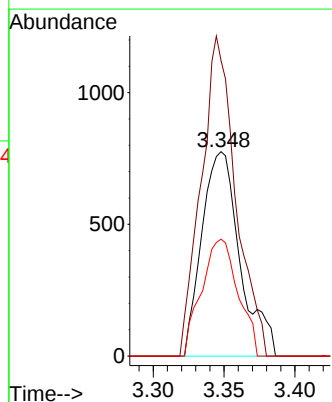
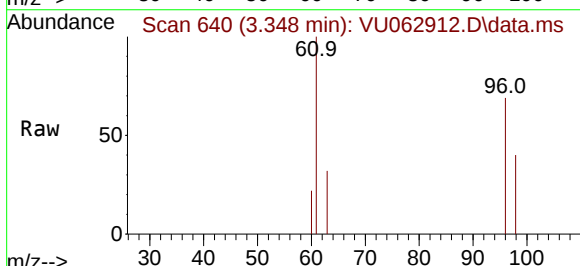
Tgt Ion: 96 Resp: 1453

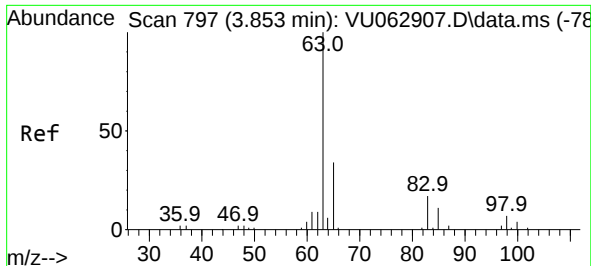
Ion Ratio Lower Upper

96 100

61 144.6 94.4 175.2

98 57.2 42.8 79.4





#19

1,1-Dichloroethane

Concen: 4.561 ug/L

RT: 3.856 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU062912.D

Acq: 20 Jan 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

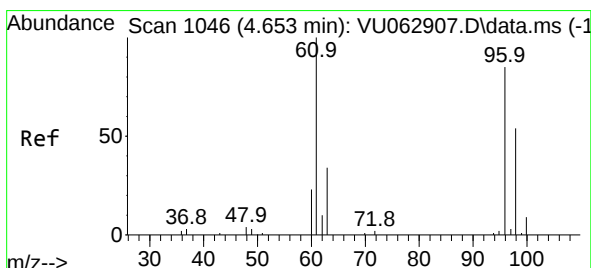
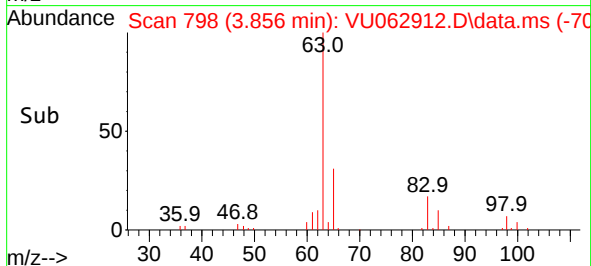
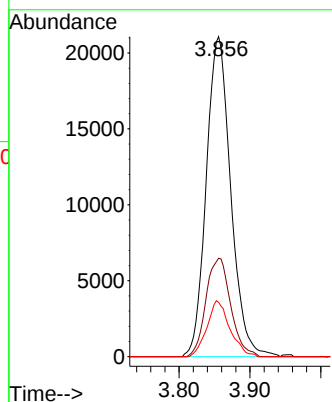
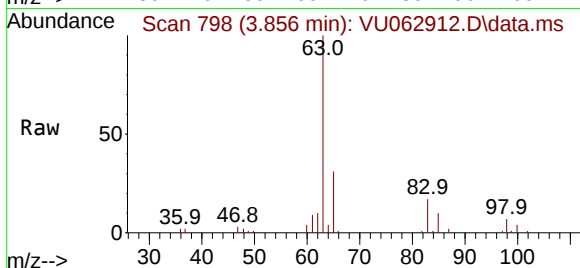
Tgt Ion: 63 Resp: 50595

Ion Ratio Lower Upper

63 100

65 30.7 20.7 38.5

83 17.0 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 8.240 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU062912.D

Acq: 20 Jan 2025 12:18

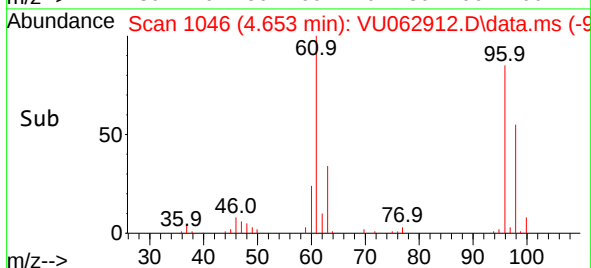
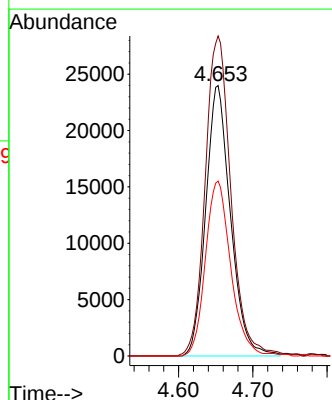
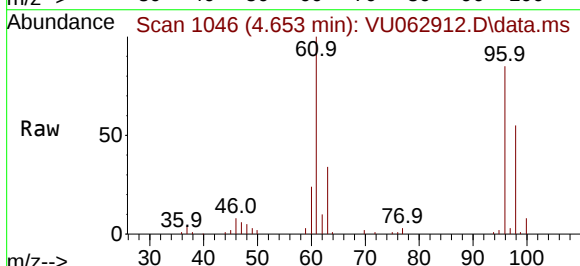
Tgt Ion: 96 Resp: 55666

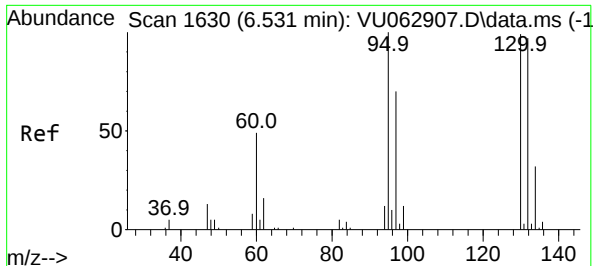
Ion Ratio Lower Upper

96 100

61 118.3 84.8 157.6

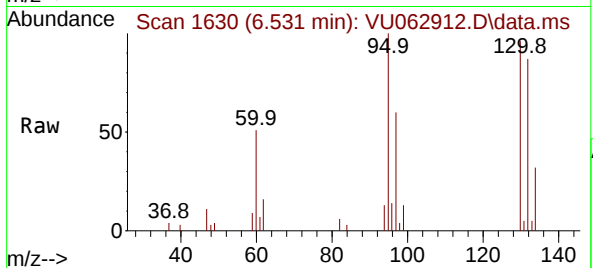
98 64.7 43.1 80.1





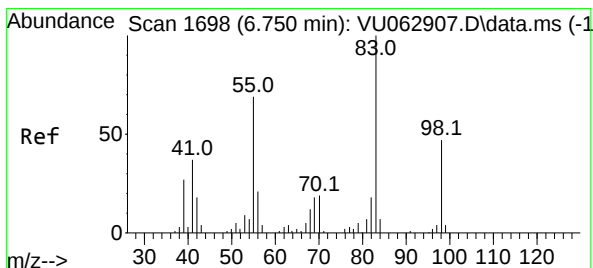
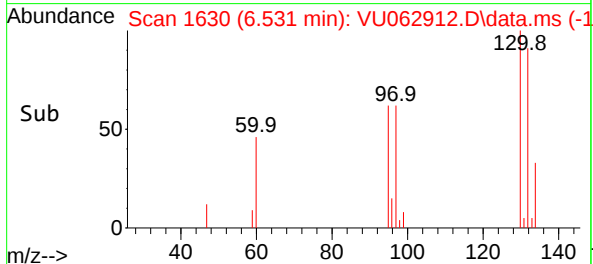
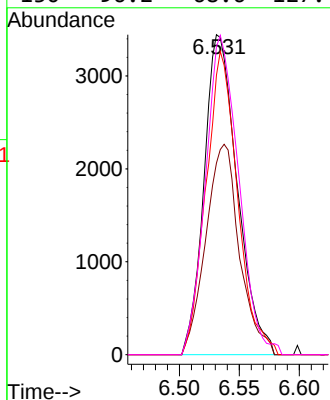
#34
Trichloroethene
Concen: 0.772 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062912.D
Acq: 20 Jan 2025 12:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 6631

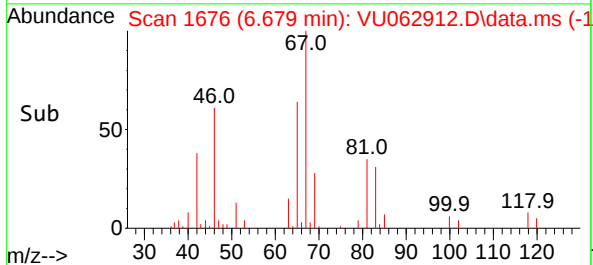
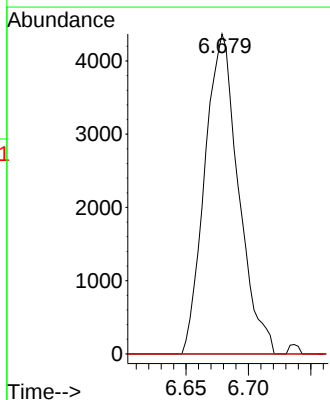
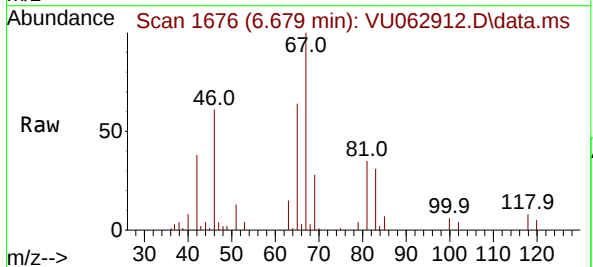
Ion	Ratio	Lower	Upper
95	100		
97	59.8	47.5	88.3
132	87.3	66.9	124.3
130	96.2	68.6	127.4

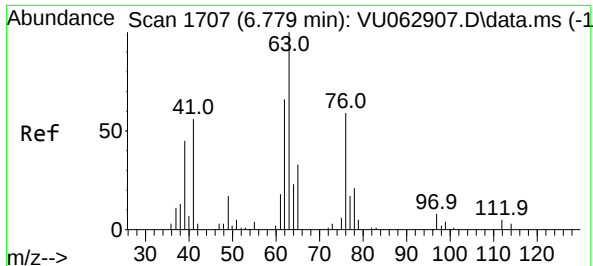


#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062912.D
Acq: 20 Jan 2025 12:18

Tgt Ion: 83 Resp: 8212

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	1.6	36.6	55.0#

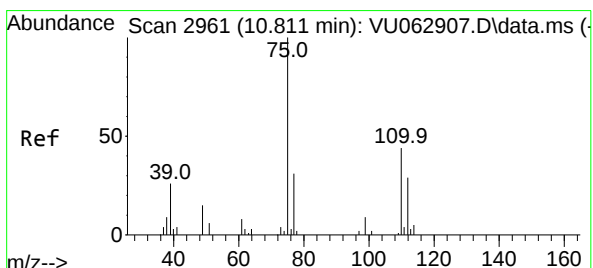
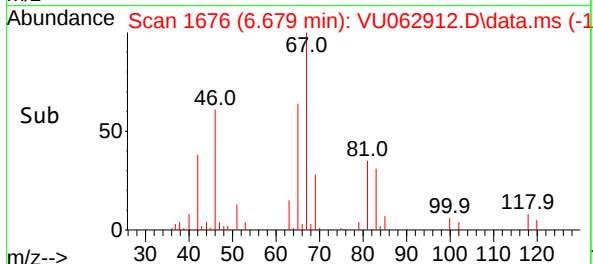
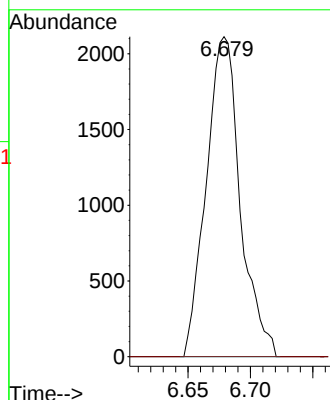
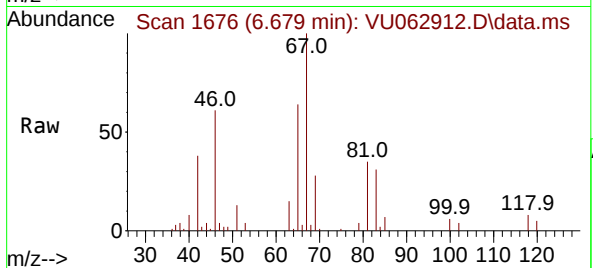




#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU062912.D
Acq: 20 Jan 2025 12:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4018
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.037 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.993 min
Lab File: VU062912.D
Acq: 20 Jan 2025 12:18

Tgt Ion: 75 Resp: 3643
Ion Ratio Lower Upper
75 100
110 1.3 33.2 49.8#
77 35.3 25.9 38.9

