

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062876.D
 Acq On : 17 Jan 2025 17:00
 Operator : MD/SY
 Sample : Q1071-10DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 22:00:56 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)

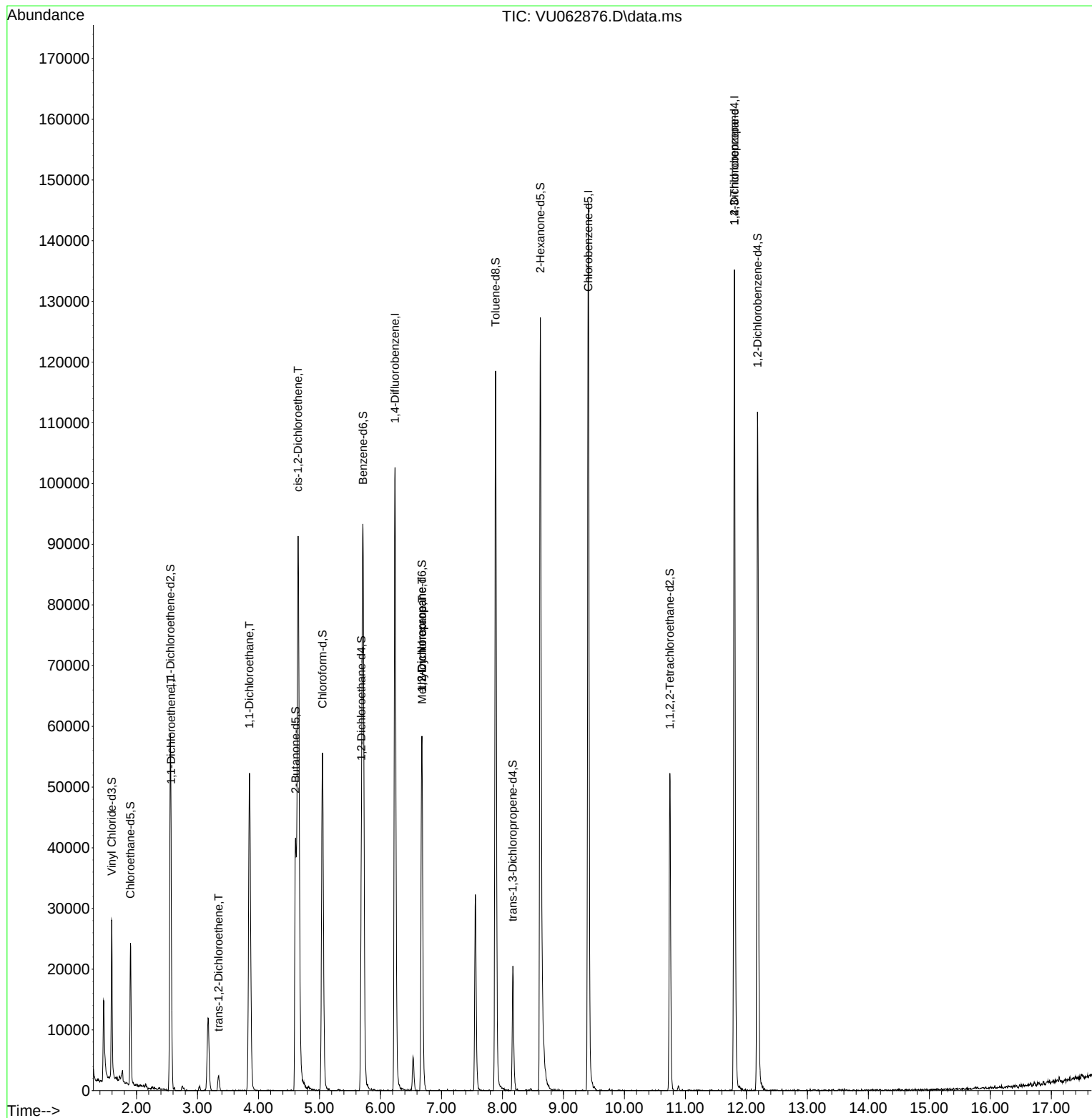
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	85754	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	80898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17252	3.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.901	69	17231	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.557	65	9936	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.608	46	53389	55.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.000%
24) Chloroform-d	5.049	84	54190	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.689	65	32114	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.714	84	87333	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.679	67	24832	4.529	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.888	98	83016	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.171	79	12619	4.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.621	63	45695	53.160	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23764	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	32441	5.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.566	96	4903	0.921	ug/L #	1
18) trans-1,2-Dichloroethene	3.348	96	1256	0.220	ug/L	97
19) 1,1-Dichloroethane	3.853	63	56629	5.553	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	48540	7.815	ug/L	97
35) Methylcyclohexane	6.682	83	7361	0.753	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3807	0.694	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3494	1.013	ug/L #	58

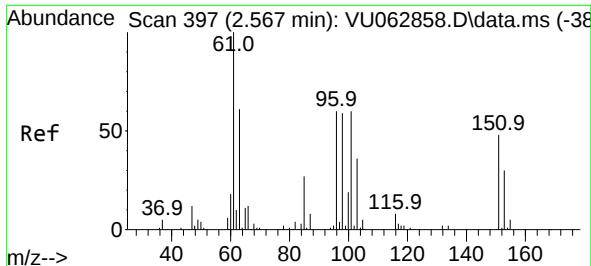
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 17 21:53:56 2025
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#12

1,1-Dichloroethene

Concen: 0.921 ug/L

RT: 2.566 min Scan# 397

Delta R.T. -0.000 min

Lab File: VU062876.D

Acq: 17 Jan 2025 17:00

Instrument :

MSVOA_U

ClientSampleId :

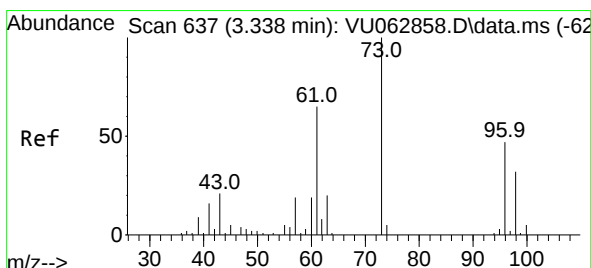
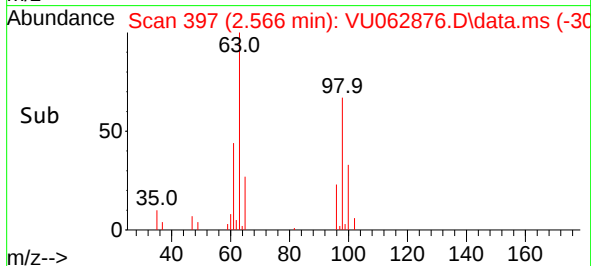
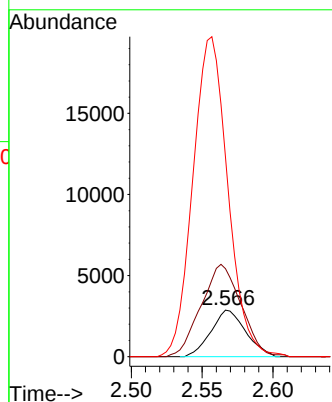
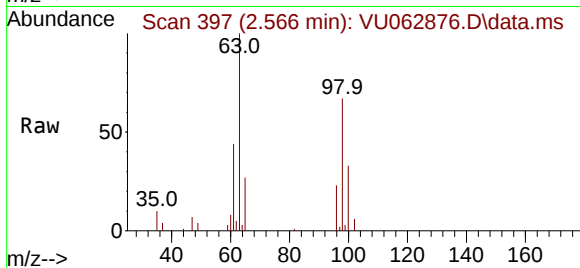
Tgt Ion: 96 Resp: 4903

Ion Ratio Lower Upper

96 100

61 189.3 120.4 223.6

63 428.8 82.3 152.9#



#18

trans-1,2-Dichloroethene

Concen: 0.220 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.010 min

Lab File: VU062876.D

Acq: 17 Jan 2025 17:00

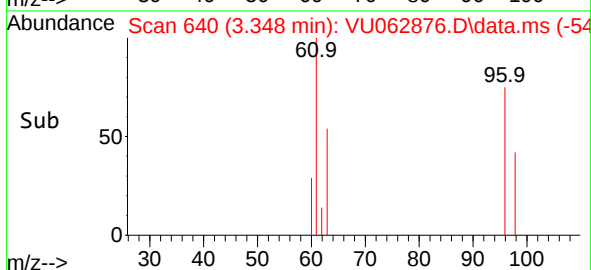
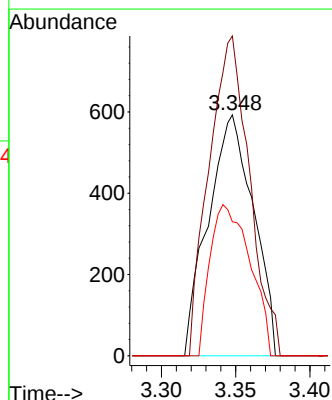
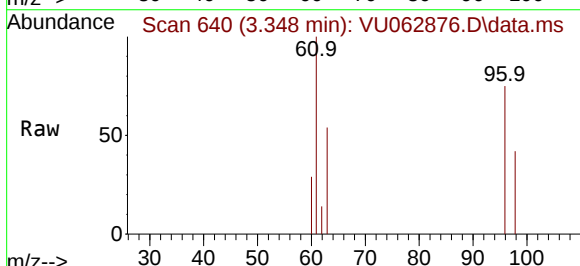
Tgt Ion: 96 Resp: 1256

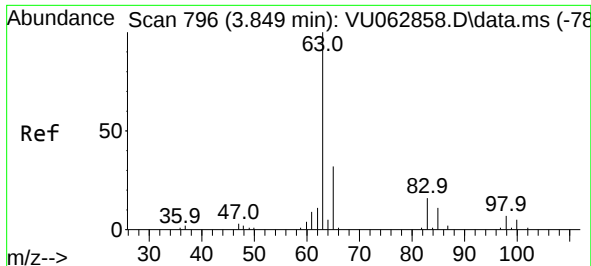
Ion Ratio Lower Upper

96 100

61 132.7 94.4 175.2

98 55.6 42.8 79.4





#19

1,1-Dichloroethane

Concen: 5.553 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062876.D

Acq: 17 Jan 2025 17:00

Instrument :

MSVOA_U

ClientSampleId :

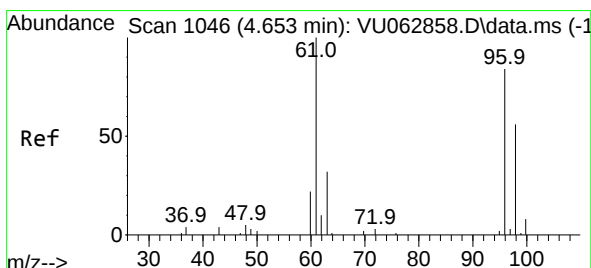
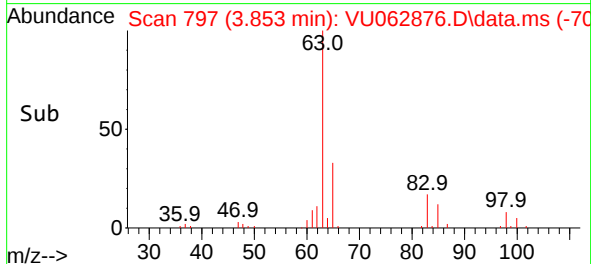
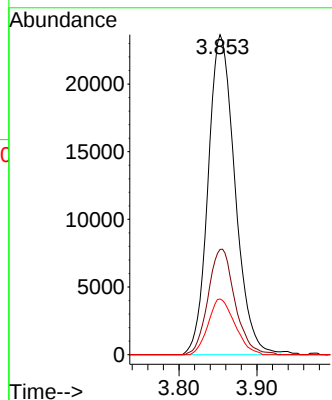
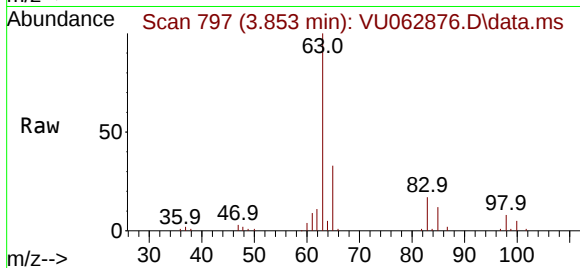
Tgt Ion: 63 Resp: 56629

Ion Ratio Lower Upper

63 100

65 32.9 20.7 38.5

83 17.4 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 7.815 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062876.D

Acq: 17 Jan 2025 17:00

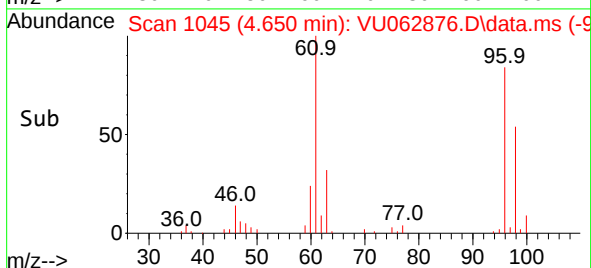
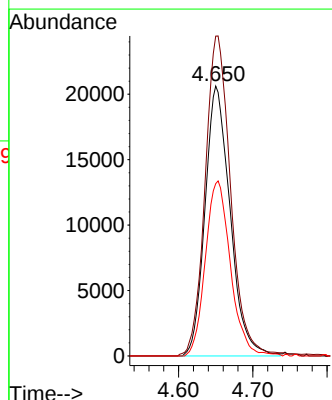
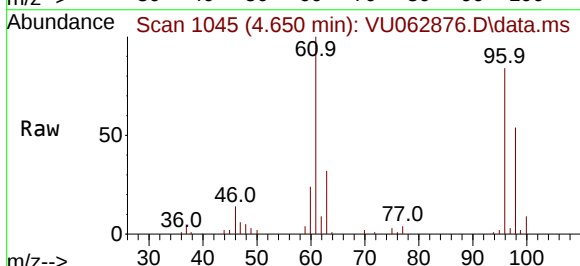
Tgt Ion: 96 Resp: 48540

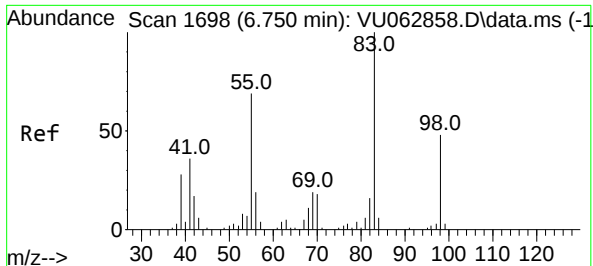
Ion Ratio Lower Upper

96 100

61 118.5 84.8 157.6

98 63.8 43.1 80.1

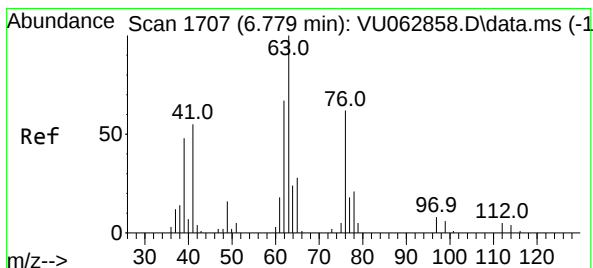
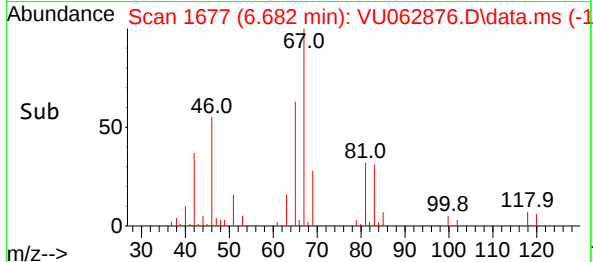
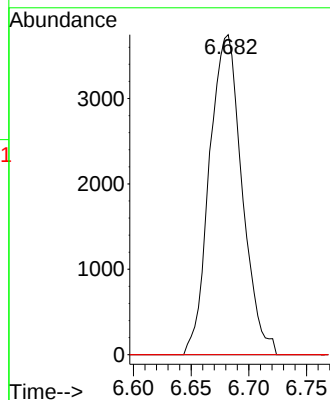
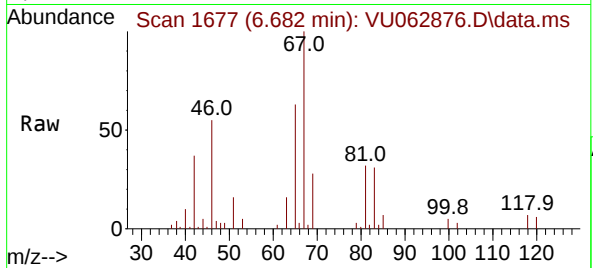




#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.068 min
Lab File: VU062876.D
Acq: 17 Jan 2025 17:00

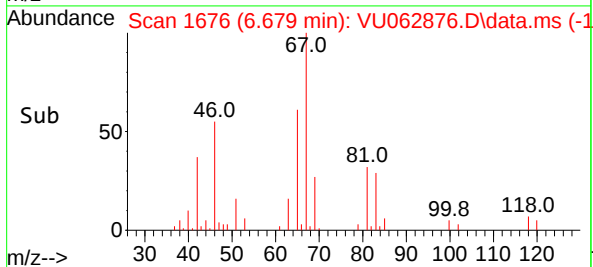
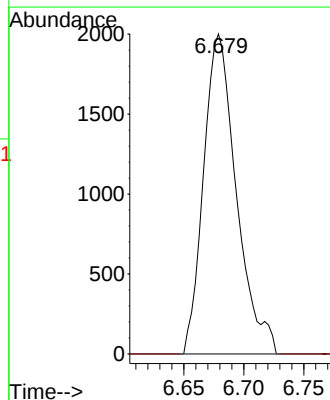
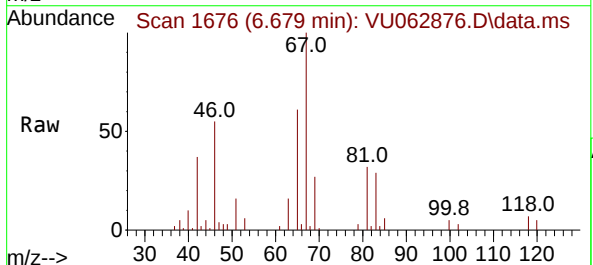
Instrument :
MSVOA_U
ClientSampleId :

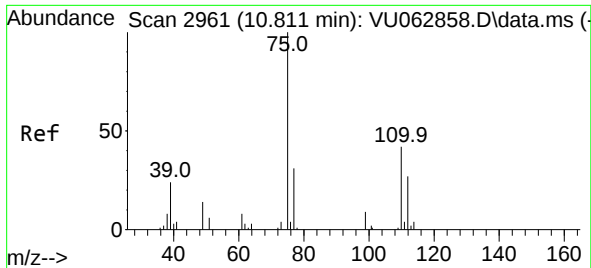
Tgt Ion: 83 Resp: 7361
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.9 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.694 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062876.D
Acq: 17 Jan 2025 17:00

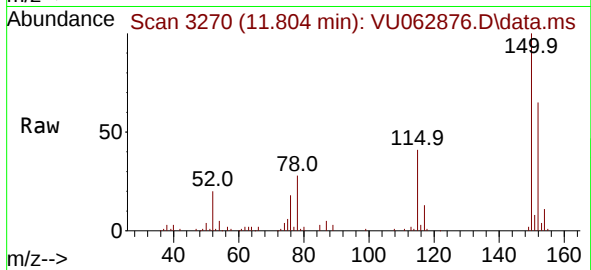
Tgt Ion: 63 Resp: 3807
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.013 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU062876.D
 Acq: 17 Jan 2025 17:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3494
 Ion Ratio Lower Upper
 75 100
 110 0.7 33.2 49.8#
 77 39.6 25.9 38.9#

