

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062879.D
 Acq On : 17 Jan 2025 18:14
 Operator : MD/SY
 Sample : Q1071-15DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 22:01:53 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)

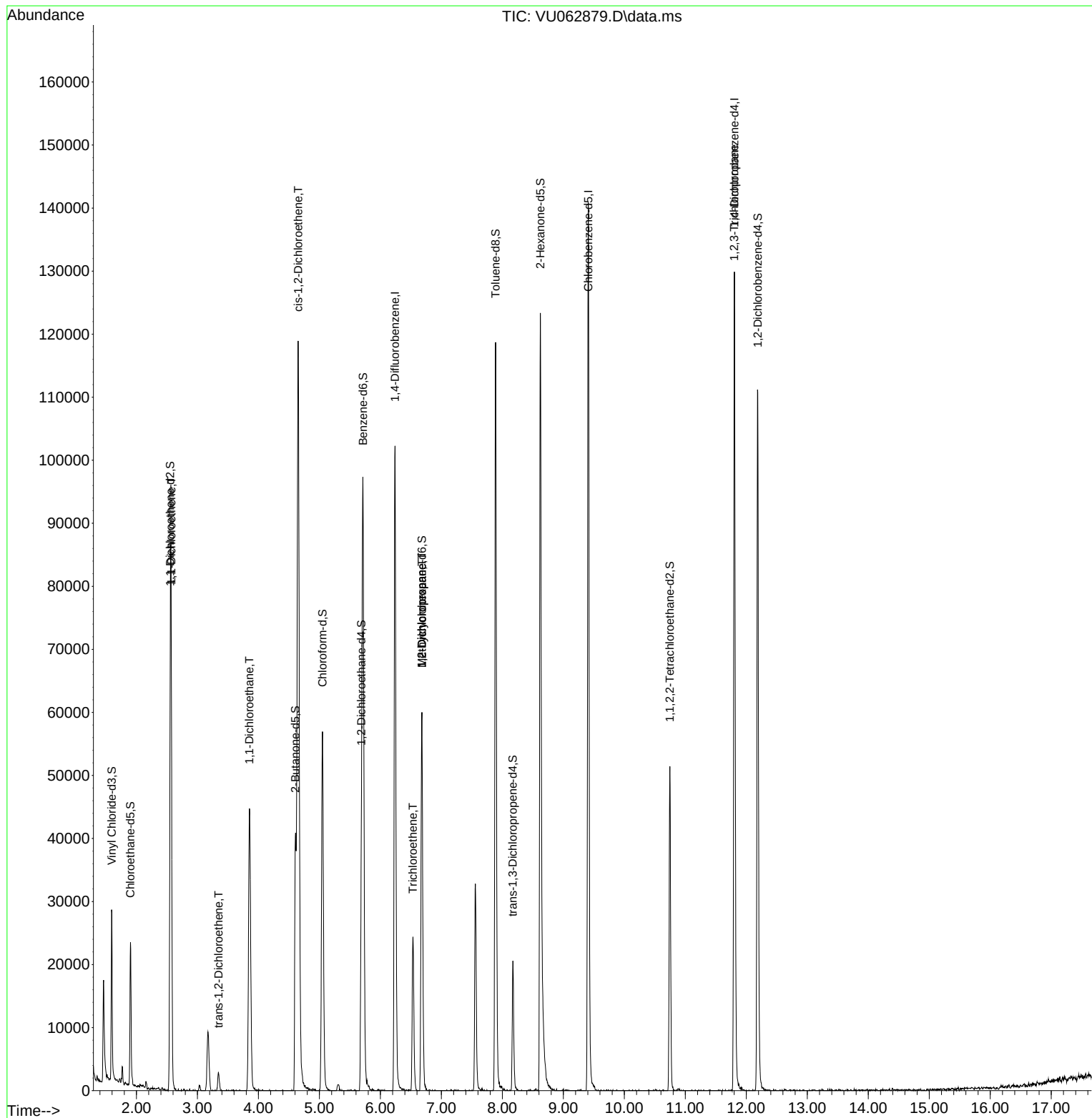
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	84130	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	80308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17403	3.735	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.901	69	16361	4.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.554	65	9864	4.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.605	46	54108	56.818	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.640%
24) Chloroform-d	5.049	84	55137	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.689	65	32908	5.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.714	84	88798	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.679	67	26063	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	80644	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.171	79	12260	4.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.621	63	43478	50.953	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24205	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31595	5.108	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	18718	3.584	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	1437	0.257	ug/L	88
19) 1,1-Dichloroethane	3.853	63	50351	5.033	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	63339	10.395	ug/L	97
34) Trichloroethene	6.531	95	8838	1.121	ug/L	95
35) Methylcyclohexane	6.679	83	7348	0.758	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3568	0.656	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3240	0.982	ug/L #	53

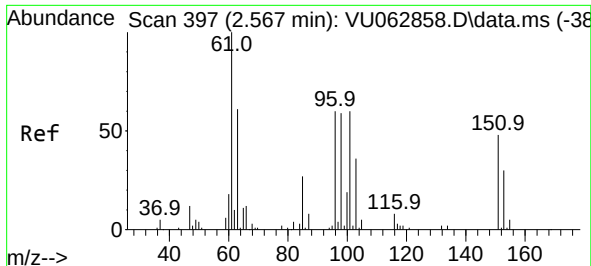
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

1,1-Dichloroethene

Concen: 3.584 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU062879.D

Acq: 17 Jan 2025 18:14

Instrument :

MSVOA_U

ClientSampleId :

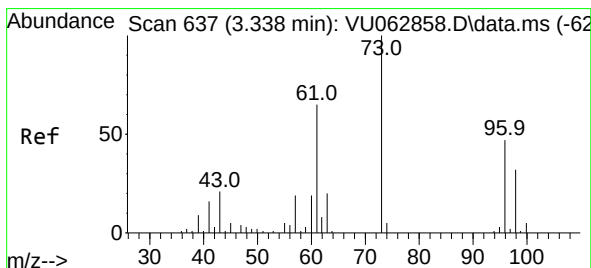
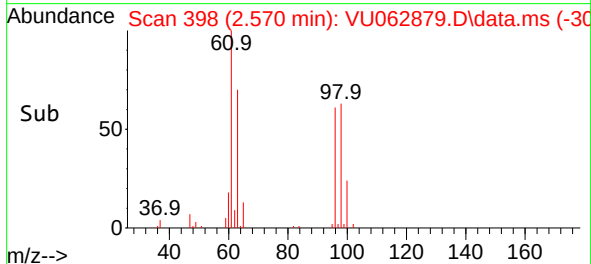
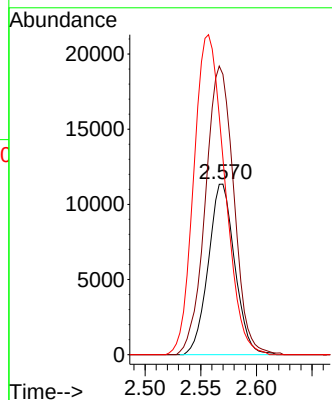
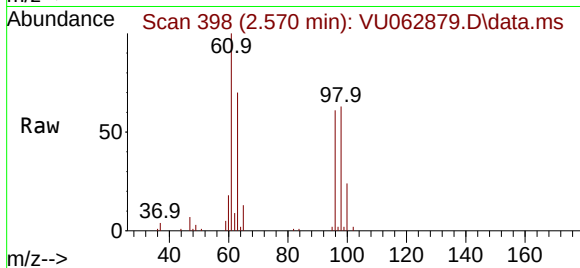
Tgt Ion: 96 Resp: 18718

Ion Ratio Lower Upper

96 100

61 164.3 120.4 223.6

63 115.2 82.3 152.9



#18

trans-1,2-Dichloroethene

Concen: 0.257 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.007 min

Lab File: VU062879.D

Acq: 17 Jan 2025 18:14

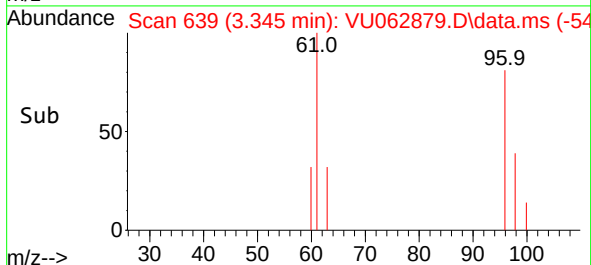
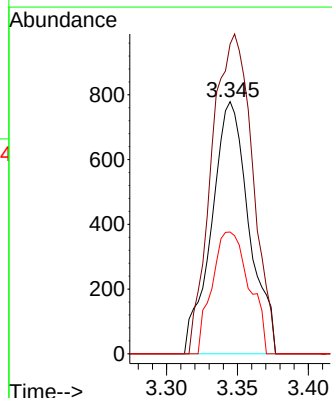
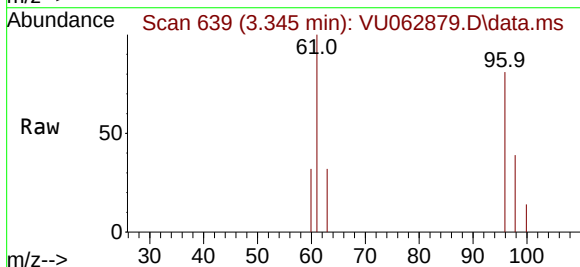
Tgt Ion: 96 Resp: 1437

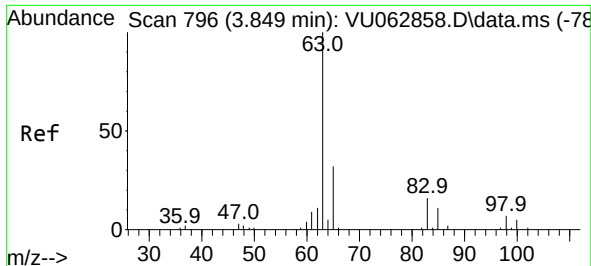
Ion Ratio Lower Upper

96 100

61 122.8 94.4 175.2

98 48.3 42.8 79.4





#19

1,1-Dichloroethane

Concen: 5.033 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062879.D

Acq: 17 Jan 2025 18:14

Instrument :

MSVOA_U

ClientSampleId :

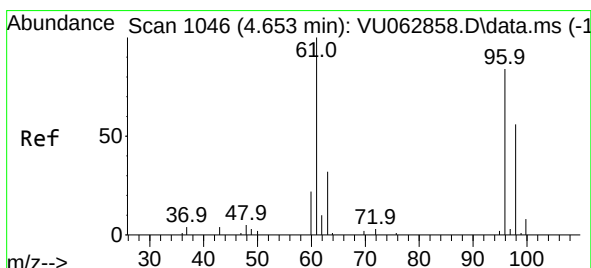
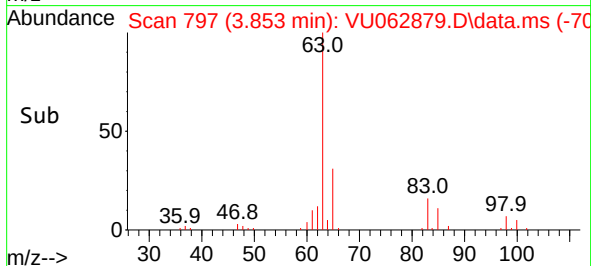
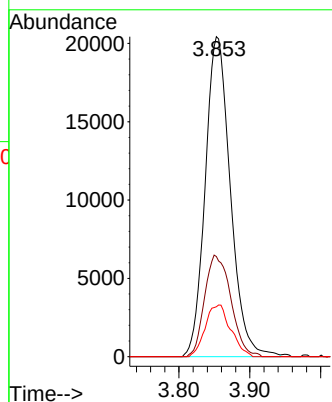
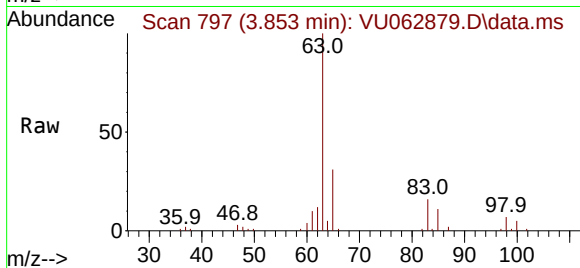
Tgt Ion: 63 Resp: 50351

Ion Ratio Lower Upper

63 100

65 31.3 20.7 38.5

83 15.6 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 10.395 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU062879.D

Acq: 17 Jan 2025 18:14

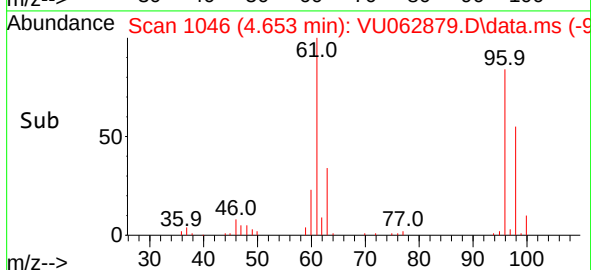
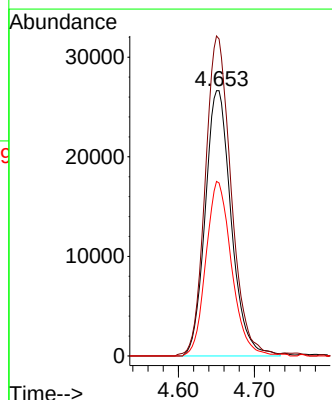
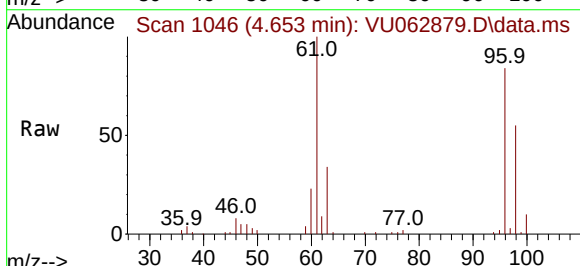
Tgt Ion: 96 Resp: 63339

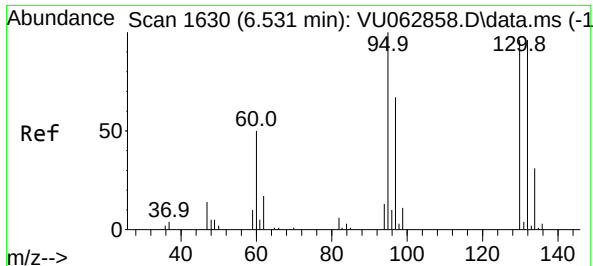
Ion Ratio Lower Upper

96 100

61 119.5 84.8 157.6

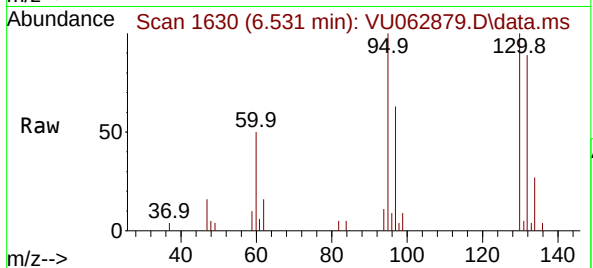
98 65.2 43.1 80.1



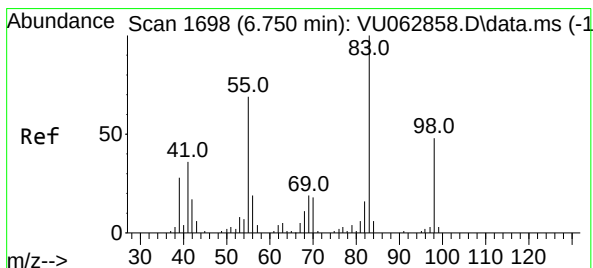
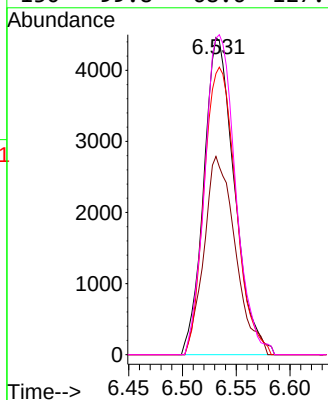
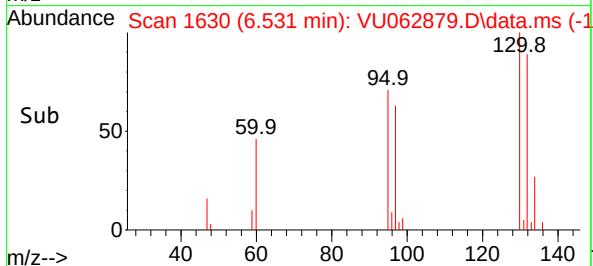


#34
Trichloroethene
Concen: 1.121 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062879.D
Acq: 17 Jan 2025 18:14

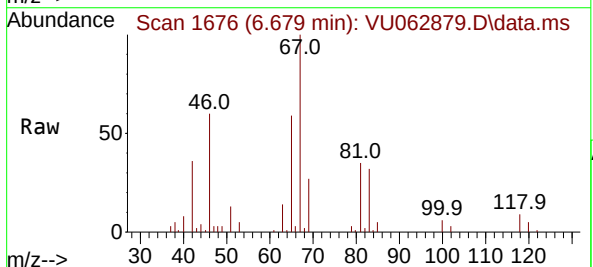
Instrument :
MSVOA_U
ClientSampleId :



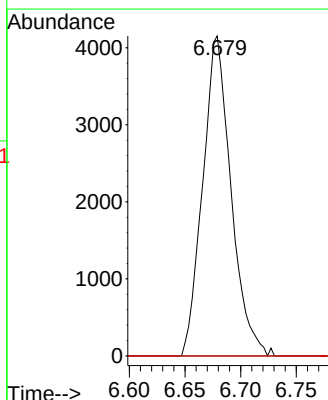
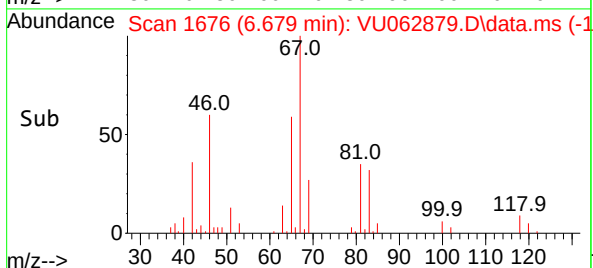
Tgt Ion:	95	Resp:	8838
Ion	Ratio	Lower	Upper
95	100		
97	62.5	47.5	88.3
132	88.7	66.9	124.3
130	99.8	68.6	127.4

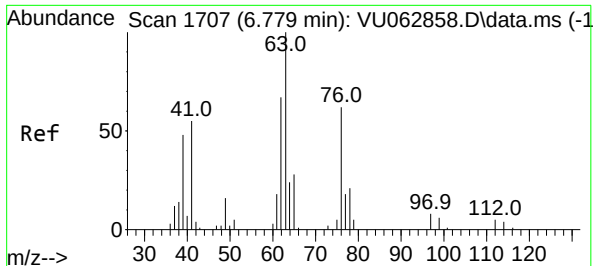


#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062879.D
Acq: 17 Jan 2025 18:14



Tgt Ion:	83	Resp:	7348
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	1.3	36.6	55.0#





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062879.D

Acq: 17 Jan 2025 18:14

Instrument :

MSVOA_U

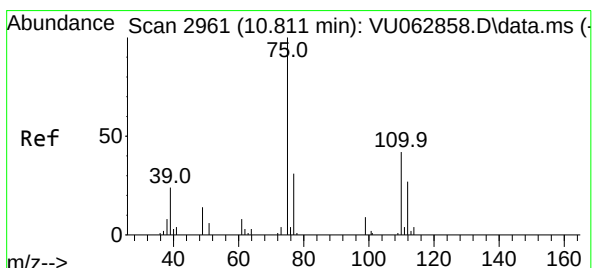
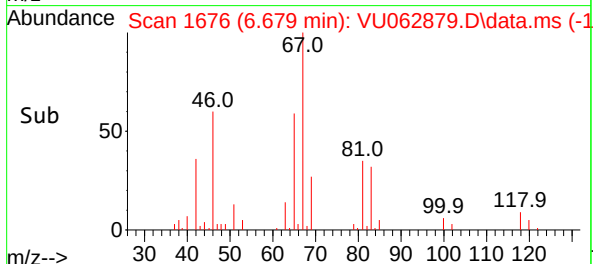
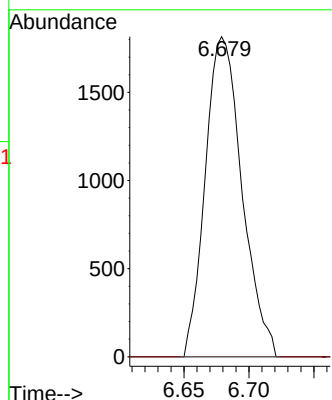
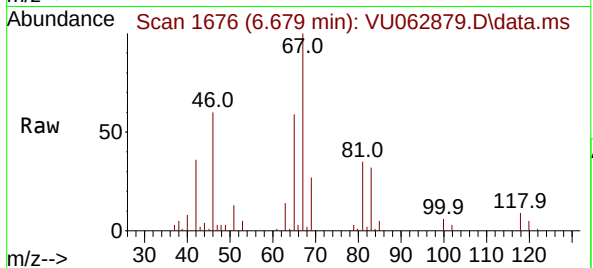
ClientSampleId :

Tgt Ion: 63 Resp: 3568

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 0.982 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062879.D

Acq: 17 Jan 2025 18:14

Tgt Ion: 75 Resp: 3240

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 45.6 25.9 38.9#

