

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062913.D
 Acq On : 20 Jan 2025 12:42
 Operator : MD/SY
 Sample : Q1072-14DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:40:51 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)

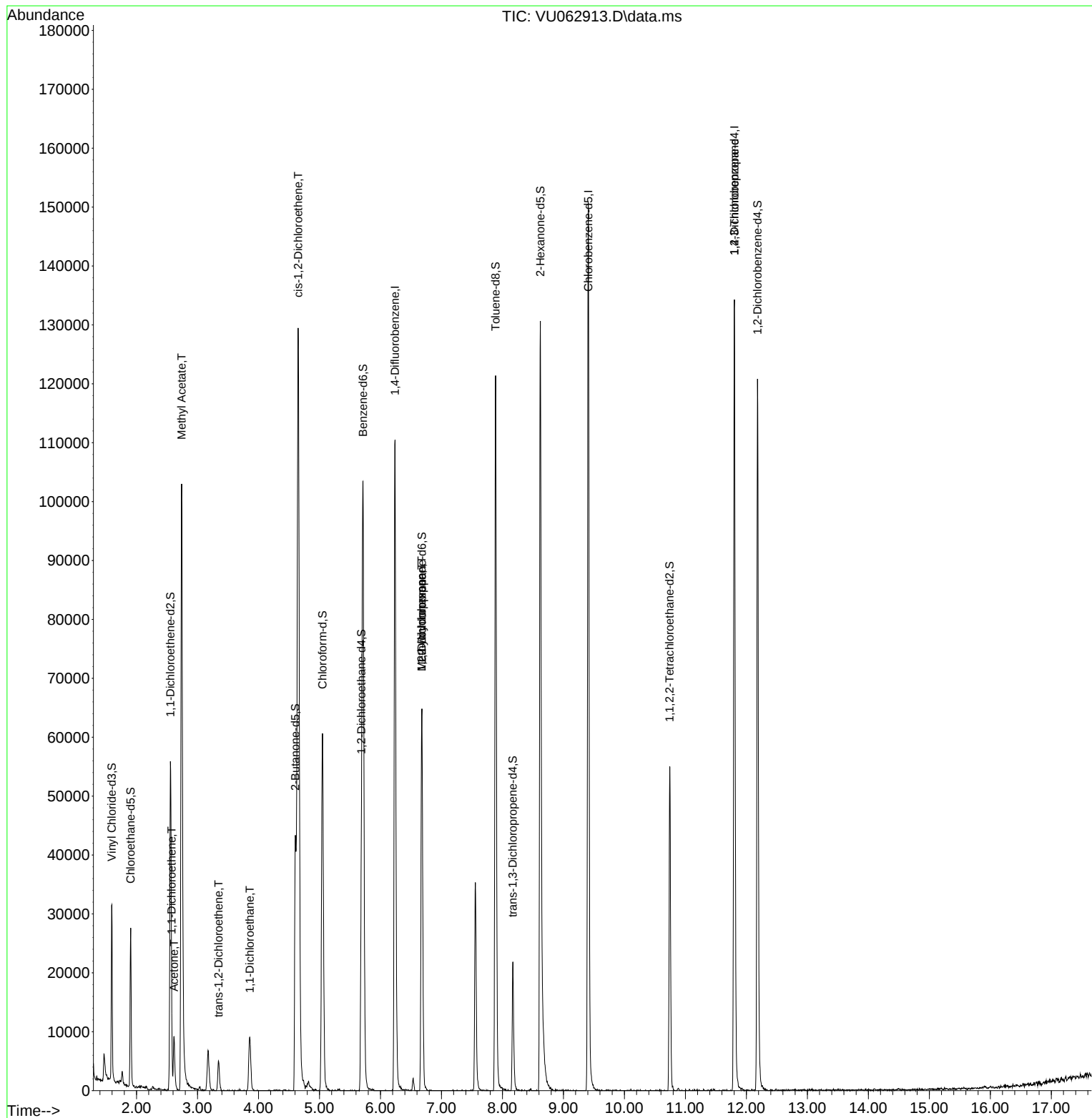
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89808	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86339	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39553	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18577	3.735	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.600%	
7) Chloroethane-d5	1.904	69	18248	4.561	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.557	65	10251	3.978	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.600%	
20) 2-Butanone-d5	4.605	46	58379	57.427	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.860%	
24) Chloroform-d	5.049	84	60390	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.689	65	34238	5.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.714	84	96486	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.679	67	28453	4.862	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.888	98	85130	4.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	8.171	79	13572	4.653	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.621	63	46060	50.208	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.420%	
56) 1,1,2,2-Tetrachloroeth...	10.743	84	25919	5.289	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.800%	
66) 1,2-Dichlorobenzene-d4	12.183	152	33235	5.051	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	2644	0.474	ug/L #	16
13) Acetone	2.615	43	11004	13.664	ug/L	93
15) Methyl Acetate	2.740	43	29873	17.132	ug/L #	44
18) trans-1,2-Dichloroethene	3.348	96	2574	0.431	ug/L	93
19) 1,1-Dichloroethane	3.859	63	11130	1.042	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	69456	10.678	ug/L	98
35) Methylcyclohexane	6.676	83	8118	0.779	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	4067	0.695	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3713	1.058	ug/L #	55

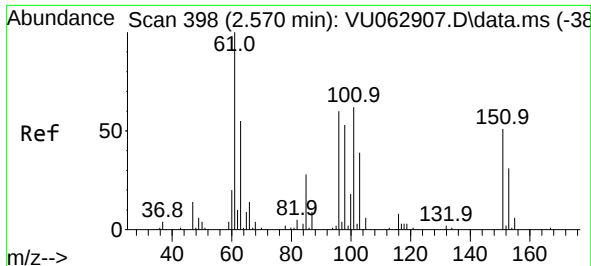
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#12

1,1-Dichloroethene

Concen: 0.474 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU062913.D

Acq: 20 Jan 2025 12:42

Instrument :

MSVOA_U

ClientSampleId :

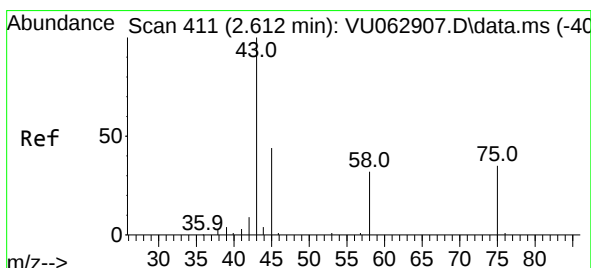
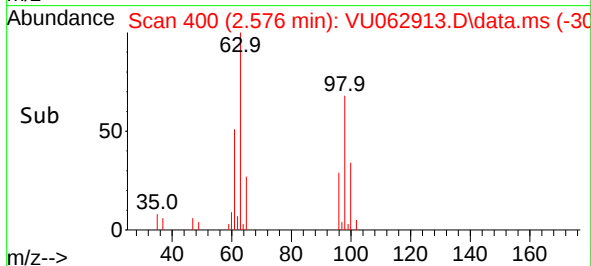
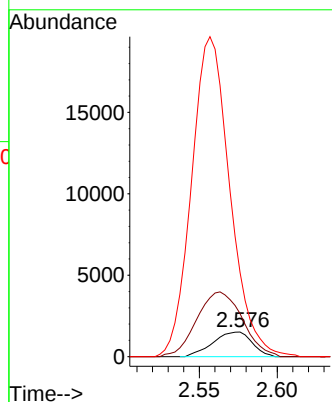
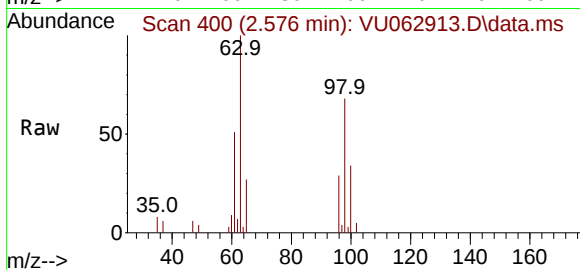
Tgt Ion: 96 Resp: 2644

Ion Ratio Lower Upper

96 100

61 174.8 120.4 223.6

63 342.5 82.3 152.9#



#13

Acetone

Concen: 13.664 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU062913.D

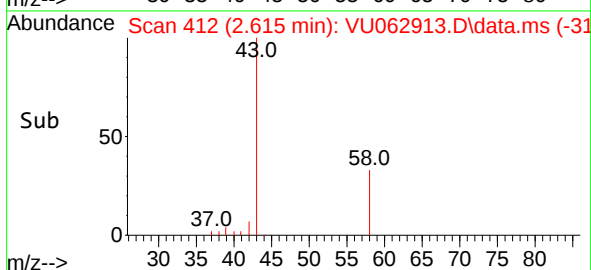
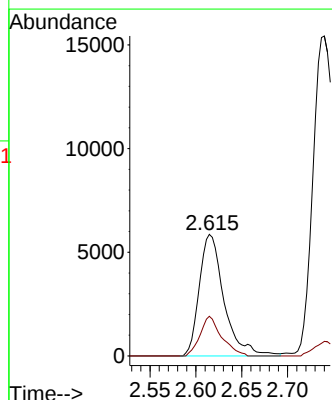
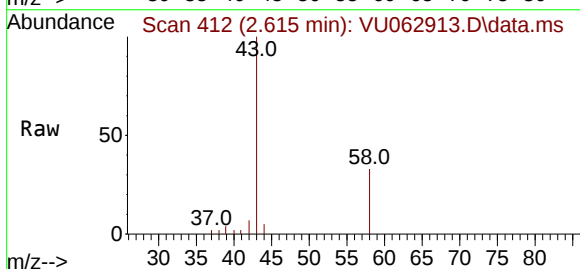
Acq: 20 Jan 2025 12:42

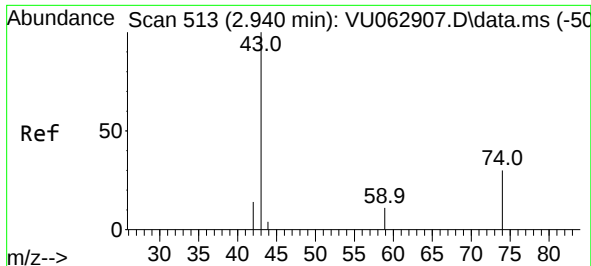
Tgt Ion: 43 Resp: 11004

Ion Ratio Lower Upper

43 100

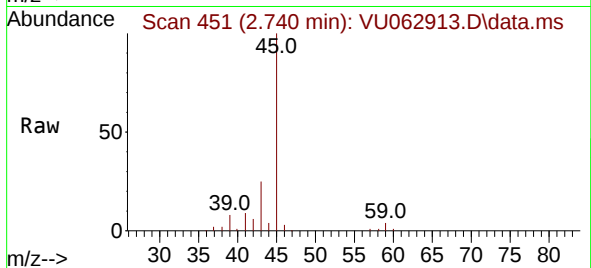
58 28.3 0.0 64.4



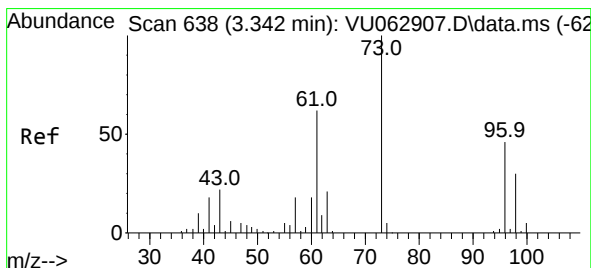
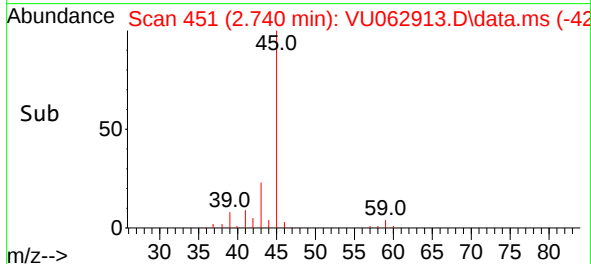
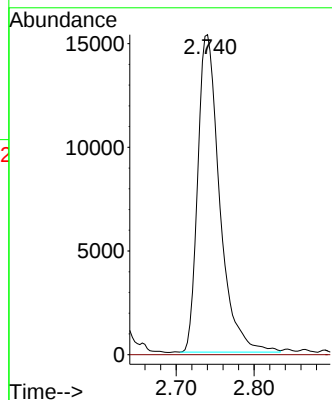


#15
Methyl Acetate
Concen: 17.132 ug/L
RT: 2.740 min Scan# 41
Delta R.T. -0.200 min
Lab File: VU062913.D
Acq: 20 Jan 2025 12:42

Instrument :
MSVOA_U
ClientSampleId :

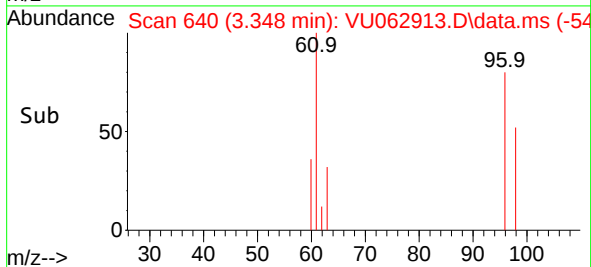
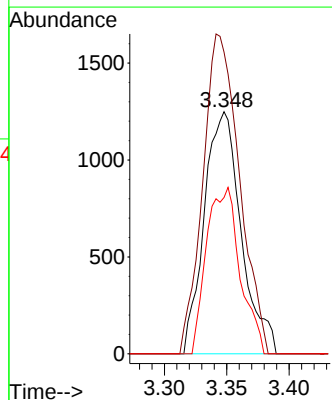
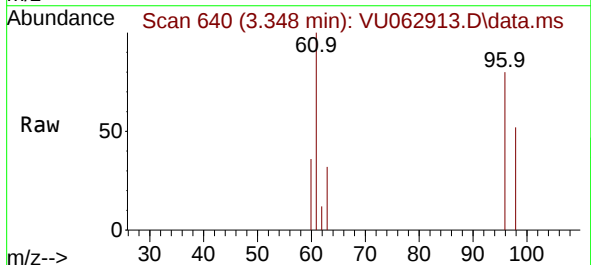


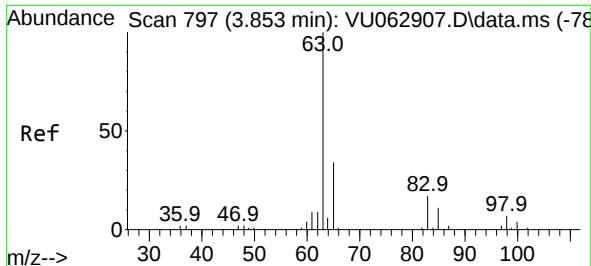
Tgt Ion: 43 Resp: 29873
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#18
trans-1,2-Dichloroethene
Concen: 0.431 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU062913.D
Acq: 20 Jan 2025 12:42

Tgt Ion: 96 Resp: 2574
Ion Ratio Lower Upper
96 100
61 124.6 94.4 175.2
98 64.6 42.8 79.4





#19

1,1-Dichloroethane

Concen: 1.042 ug/L

RT: 3.859 min Scan# 797

Delta R.T. 0.006 min

Lab File: VU062913.D

Acq: 20 Jan 2025 12:42

Instrument :

MSVOA_U

ClientSampleId :

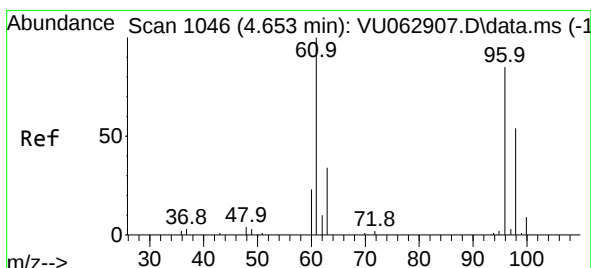
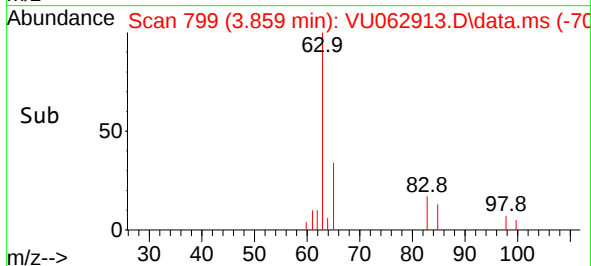
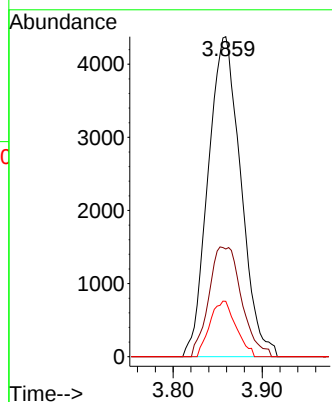
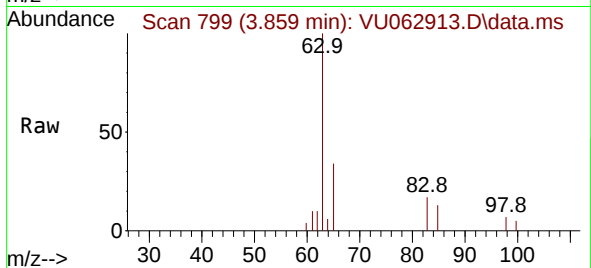
Tgt Ion: 63 Resp: 11130

Ion Ratio Lower Upper

63 100

65 33.7 20.7 38.5

83 17.3 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 10.678 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU062913.D

Acq: 20 Jan 2025 12:42

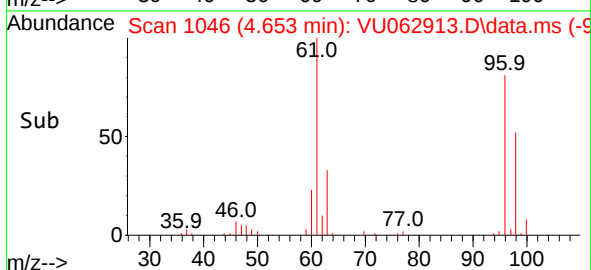
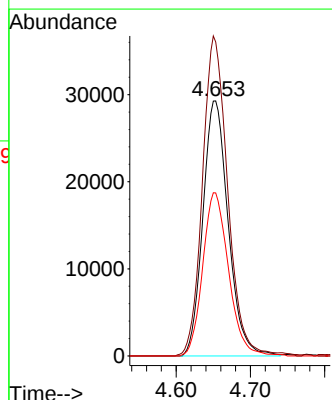
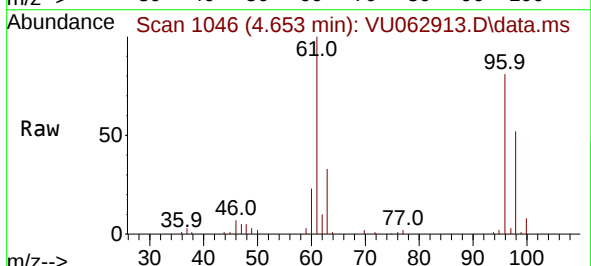
Tgt Ion: 96 Resp: 69456

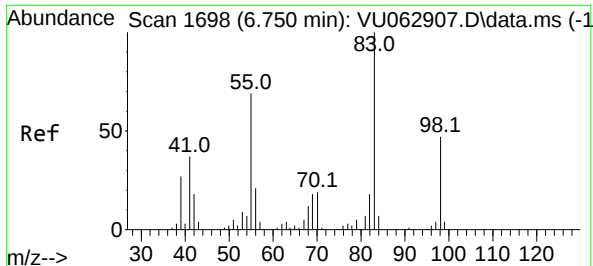
Ion Ratio Lower Upper

96 100

61 123.1 84.8 157.6

98 63.9 43.1 80.1

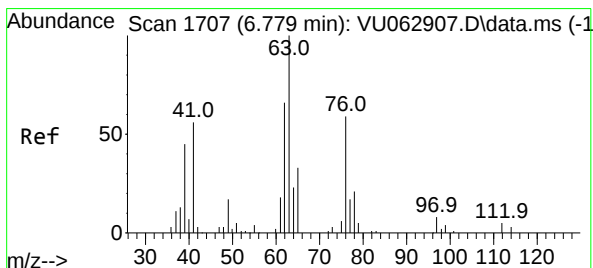
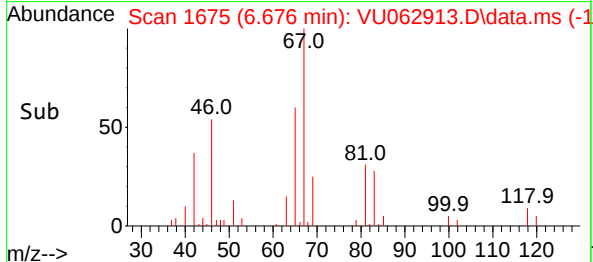
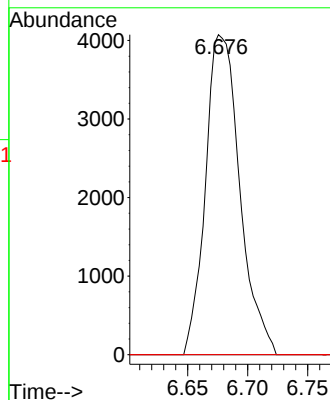
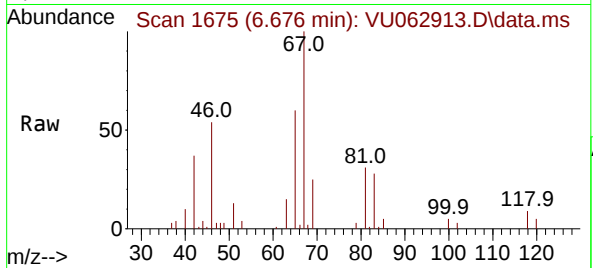




#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU062913.D
Acq: 20 Jan 2025 12:42

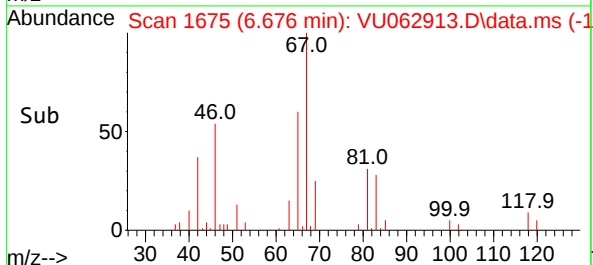
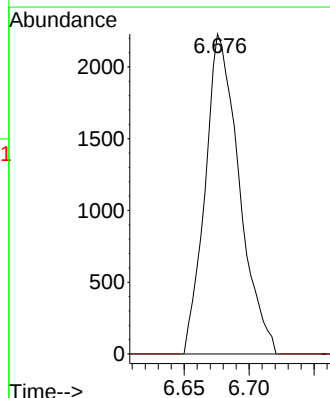
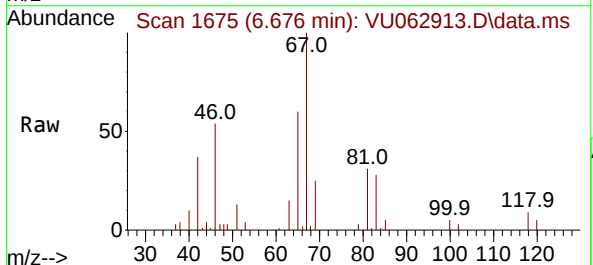
Instrument :
MSVOA_U
ClientSampleId :

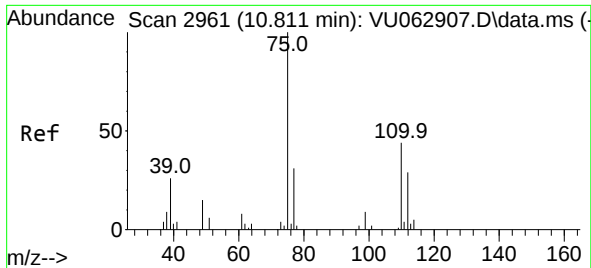
Tgt Ion: 83 Resp: 8118
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.6 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062913.D
Acq: 20 Jan 2025 12:42

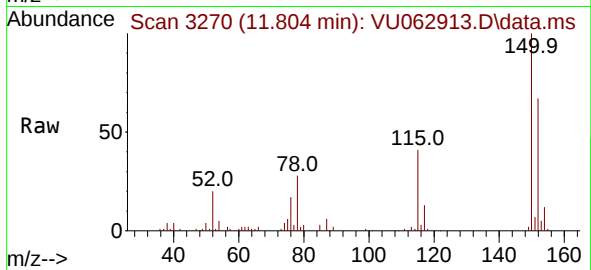
Tgt Ion: 63 Resp: 4067
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 1.058 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU062913.D
Acq: 20 Jan 2025 12:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3713
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 42.7 25.9 38.9#

