

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062758.D
 Acq On : 15 Jan 2025 11:40
 Operator : MD/SY
 Sample : Q1059-03 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:45:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

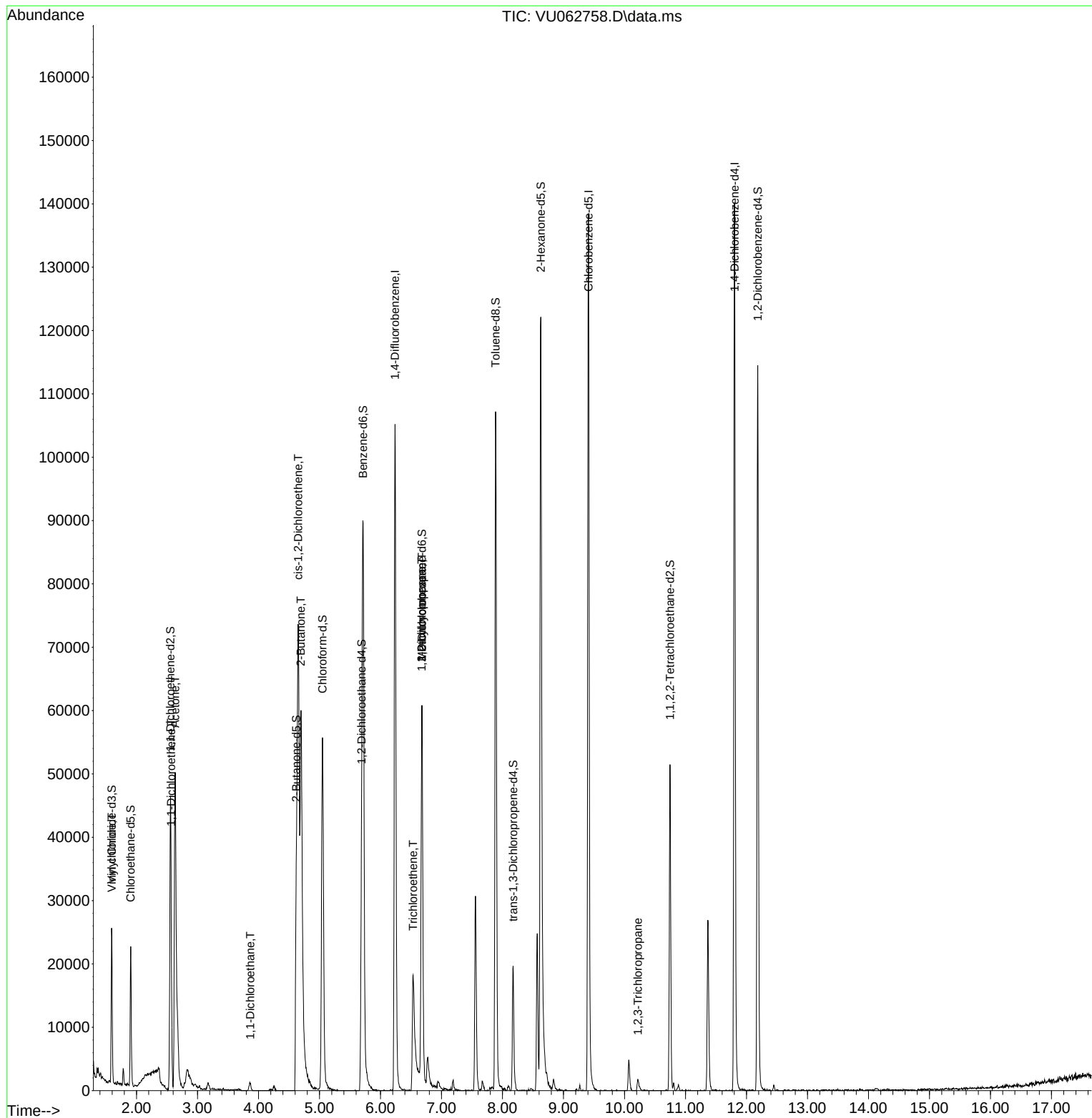
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14767	3.035	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.904	69	14909	3.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.557	65	8537	3.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.621	46	52728	53.023	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.040%
24) Chloroform-d	5.049	84	53221	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.689	65	31163	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.714	84	86095	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.679	67	25842	4.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.888	98	75425	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.174	79	12686	4.696	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	45953	54.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23267	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	31208	4.634	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.596	62	2549	0.403	ug/L	86
12) 1,1-Dichloroethene	2.567	96	2193	0.402	ug/L #	1
13) Acetone	2.634	43	73523	93.331	ug/L	99
19) 1,1-Dichloroethane	3.866	63	1942	0.186	ug/L #	83
21) 2-Butanone	4.695	43	87986	83.864	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	33737	5.302	ug/L	98
34) Trichloroethene	6.534	95	6631	0.845	ug/L	95
35) Methylcyclohexane	6.679	83	7305	0.756	ug/L #	22
37) 1,2-Dichloropropane	6.676	63	3635	0.671	ug/L #	85
61) 1,2,3-Trichloropropane	10.219	75	524	0.146	ug/L #	38

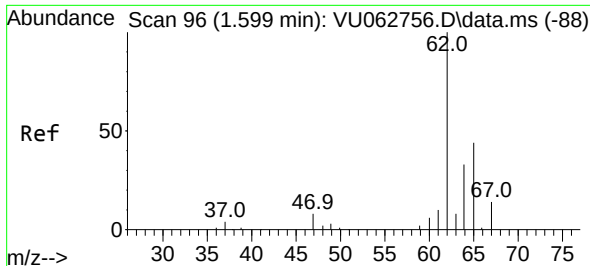
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
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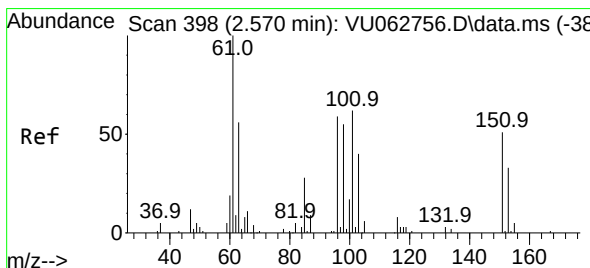
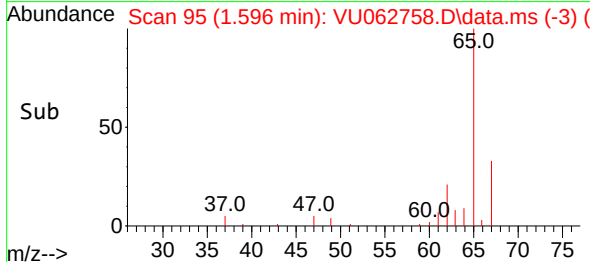
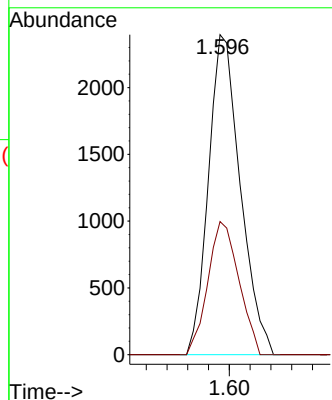
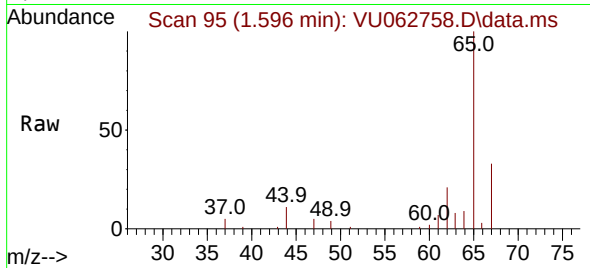




#5
 Vinyl chloride
 Concen: 0.403 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU062758.D
 Acq: 15 Jan 2025 11:40

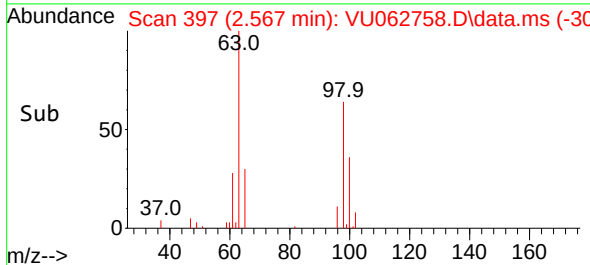
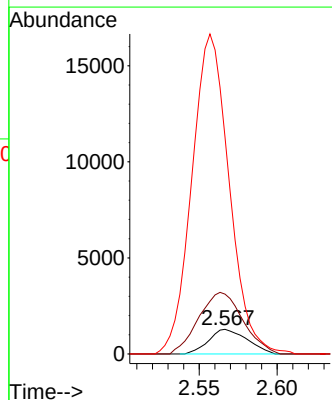
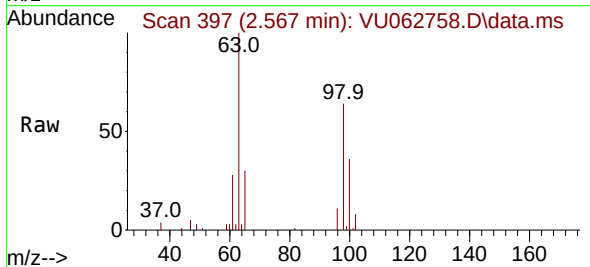
Instrument :
 MSVOA_U
 ClientSampleId :

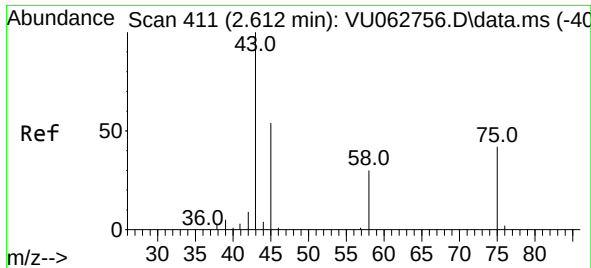
Tgt Ion: 62 Resp: 2549
 Ion Ratio Lower Upper
 62 100
 64 41.6 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 0.402 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU062758.D
 Acq: 15 Jan 2025 11:40

Tgt Ion: 96 Resp: 2193
 Ion Ratio Lower Upper
 96 100
 61 243.5 120.4 223.6#
 63 882.6 82.3 152.9#





#13

Acetone

Concen: 93.331 ug/L

RT: 2.634 min Scan# 411

Delta R.T. 0.022 min

Lab File: VU062758.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_U

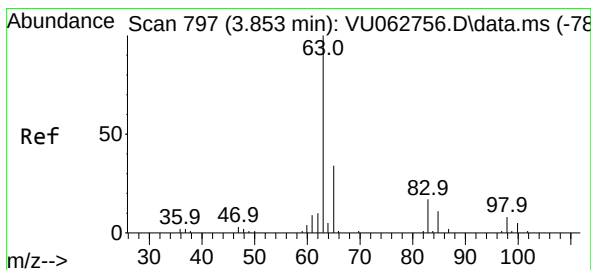
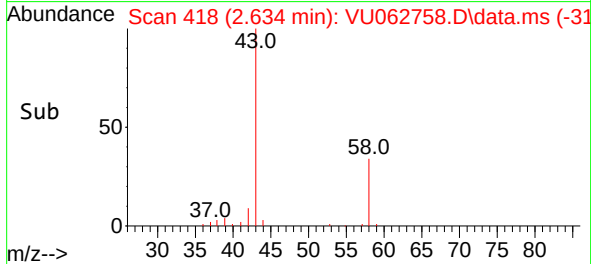
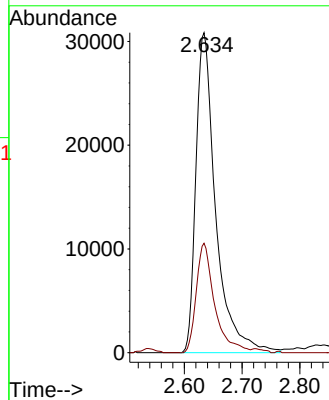
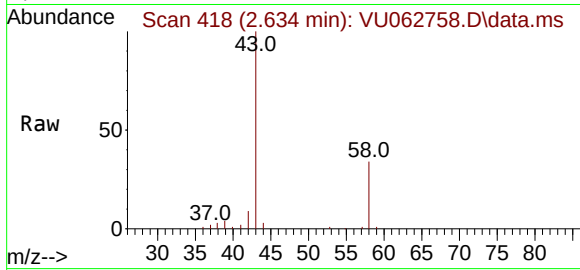
ClientSampleId :

Tgt Ion: 43 Resp: 73523

Ion Ratio Lower Upper

43 100

58 31.7 0.0 64.4



#19

1,1-Dichloroethane

Concen: 0.186 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.013 min

Lab File: VU062758.D

Acq: 15 Jan 2025 11:40

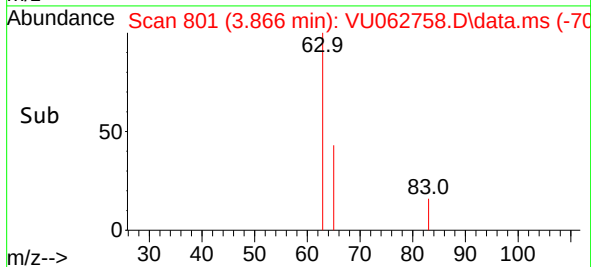
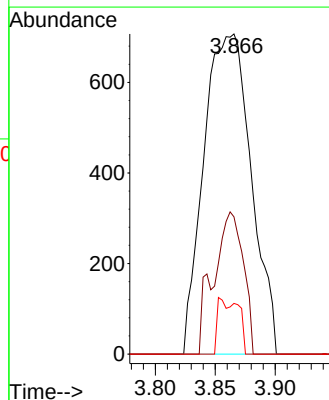
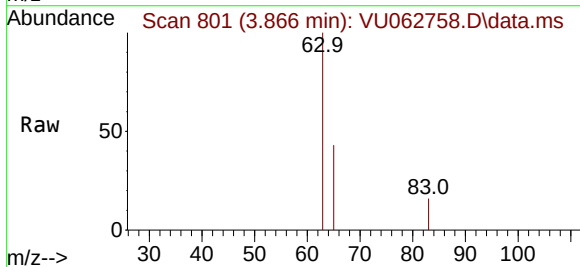
Tgt Ion: 63 Resp: 1942

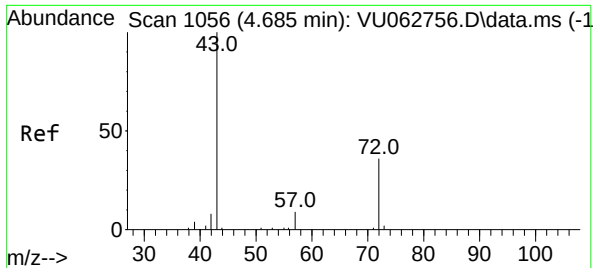
Ion Ratio Lower Upper

63 100

65 42.9 20.7 38.5#

83 15.8 10.5 19.5





#21

2-Butanone

Concen: 83.864 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. 0.010 min

Lab File: VU062758.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_U

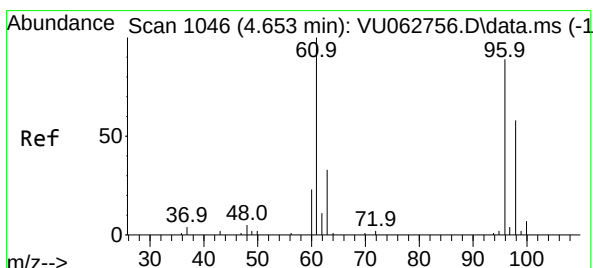
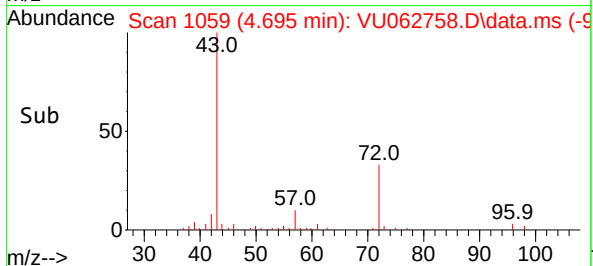
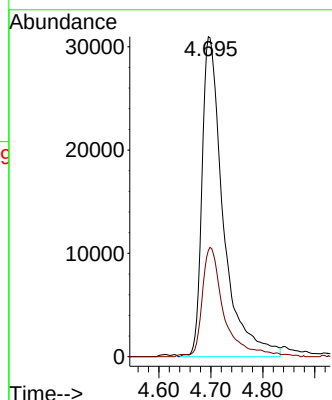
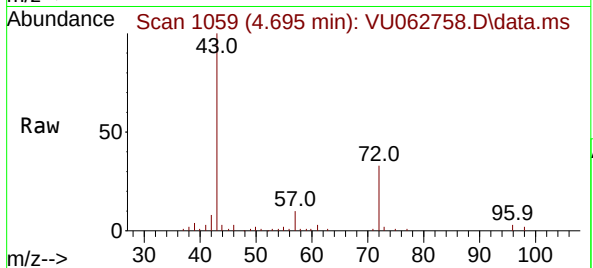
ClientSampleId :

Tgt Ion: 43 Resp: 87986

Ion Ratio Lower Upper

43 100

72 32.3 17.1 51.2



#22

cis-1,2-Dichloroethene

Concen: 5.302 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062758.D

Acq: 15 Jan 2025 11:40

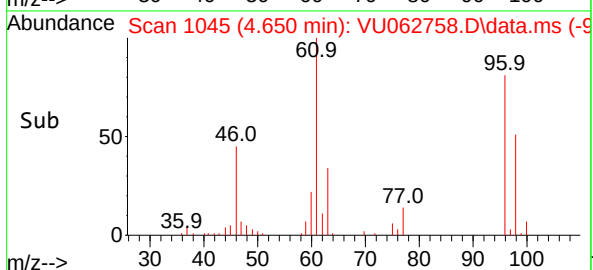
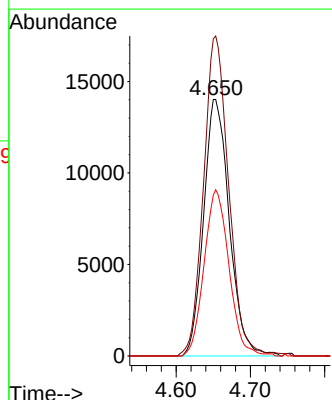
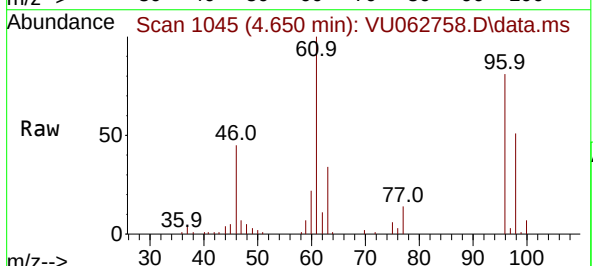
Tgt Ion: 96 Resp: 33737

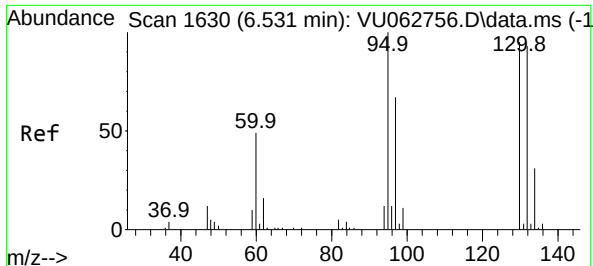
Ion Ratio Lower Upper

96 100

61 123.6 84.8 157.6

98 62.8 43.1 80.1



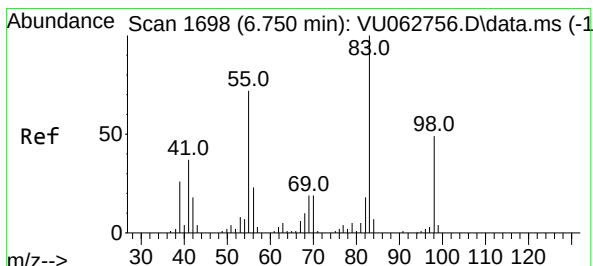
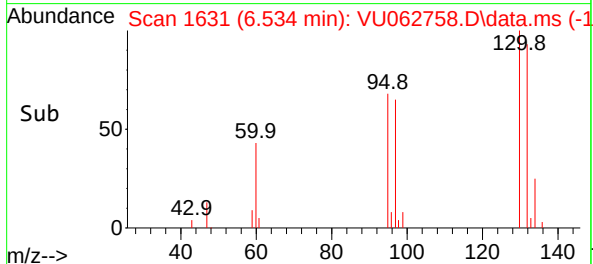
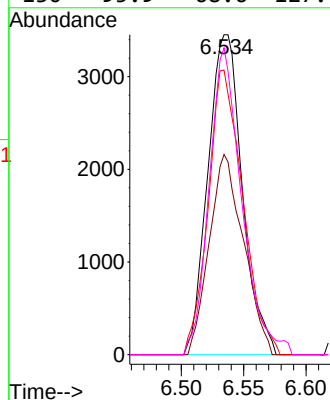
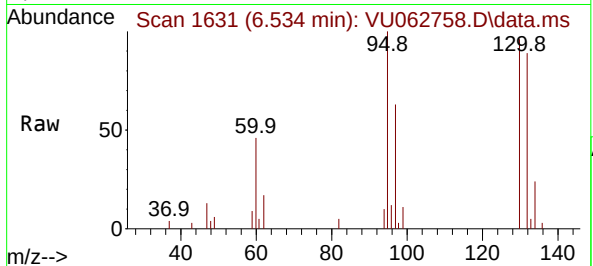


#34
Trichloroethene
Concen: 0.845 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 6631

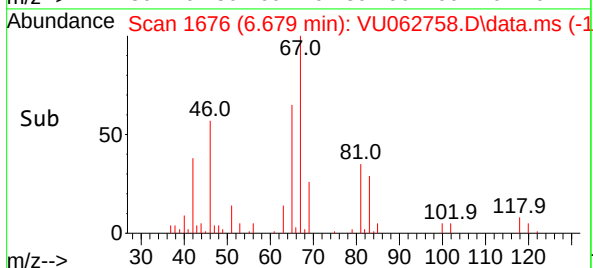
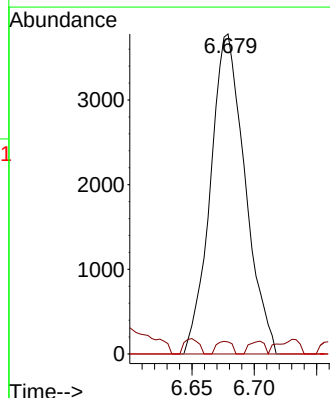
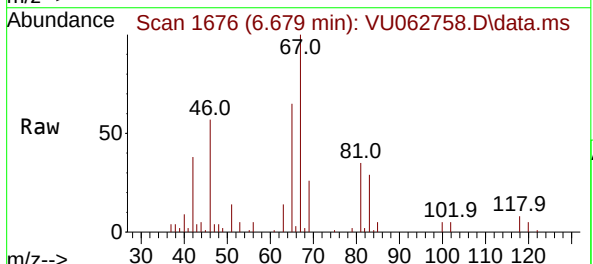
Ion	Ratio	Lower	Upper
95	100		
97	62.5	47.5	88.3
132	89.0	66.9	124.3
130	95.9	68.6	127.4

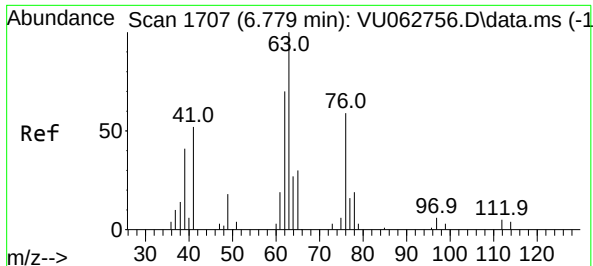


#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 83 Resp: 7305

Ion	Ratio	Lower	Upper
83	100		
55	1.8	57.2	85.8#
98	0.0	36.6	55.0#

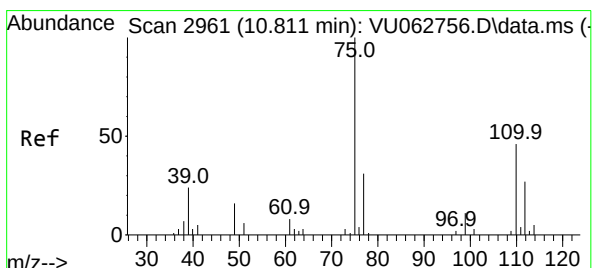
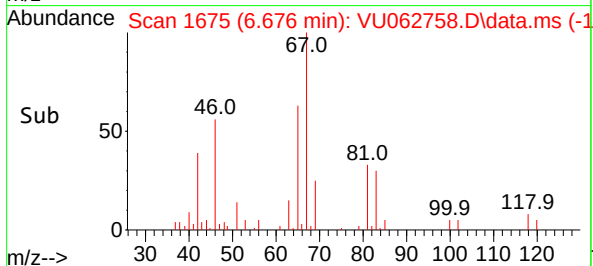
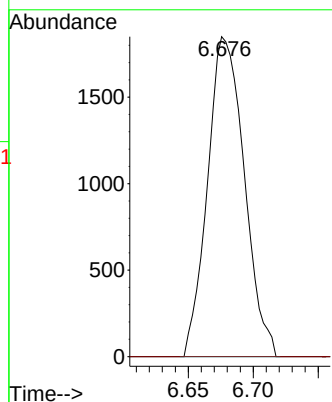
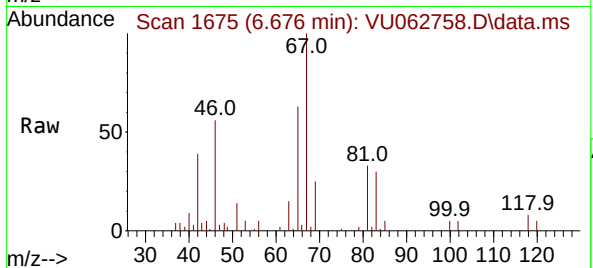




#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062758.D
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Instrument :
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ClientSampleId :

Tgt Ion: 63 Resp: 3635
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 0.146 ug/L
RT: 10.219 min Scan# 2777
Delta R.T. -0.592 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 75 Resp: 524
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 0.0 25.9 38.9#

