

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062690.D
 Acq On : 10 Jan 2025 17:41
 Operator : MD/SY
 Sample : Q1058-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 22:47:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

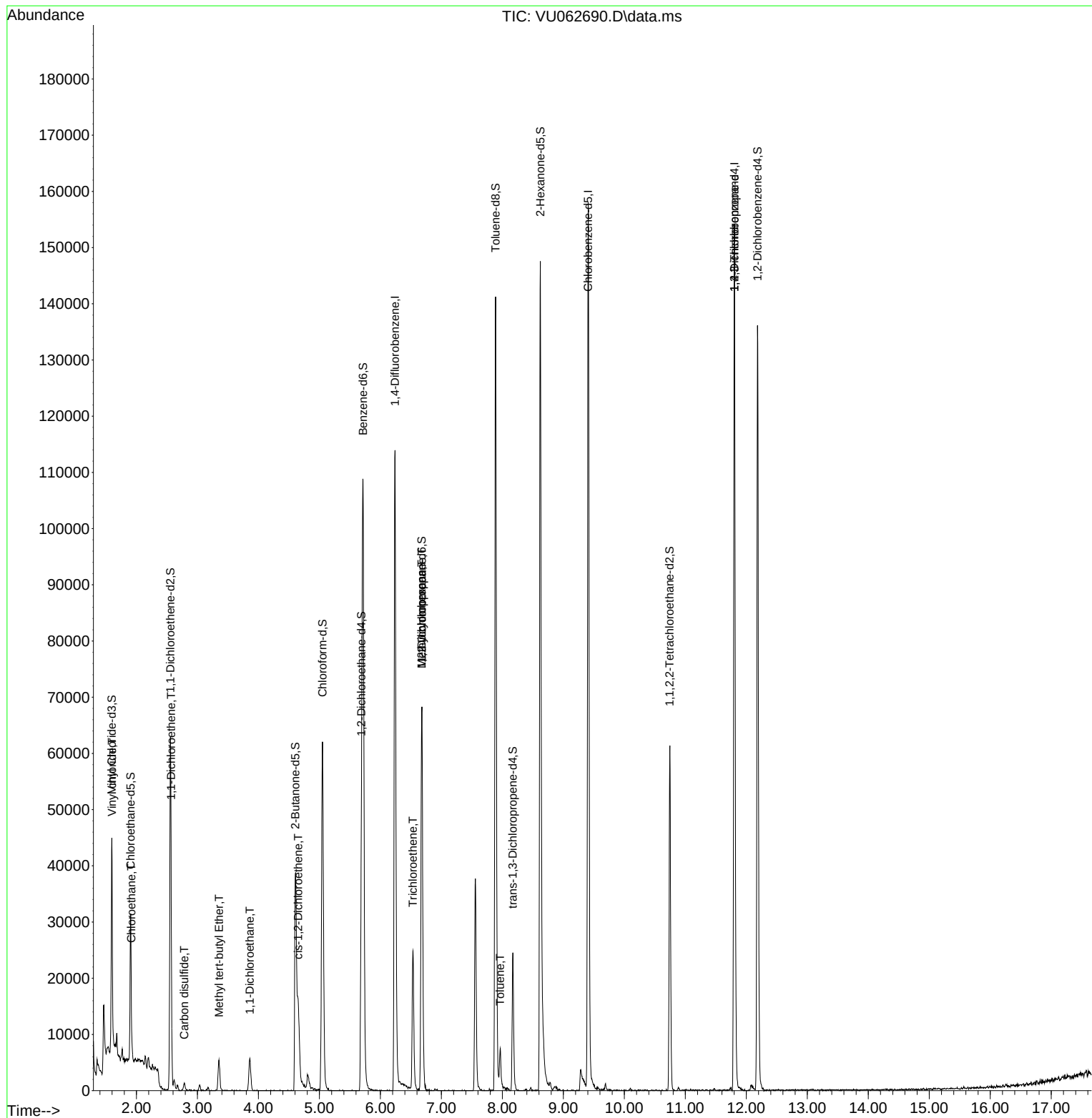
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	94424	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	90607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43511	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20531	3.926	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.904	69	18740	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.557	65	11610	4.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.605	46	57021	53.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.700%
24) Chloroform-d	5.049	84	60843	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.689	65	36471	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.714	84	103351	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.676	67	31404	5.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.888	98	96652	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.171	79	15610	5.100	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.621	63	53123	55.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.360%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	28366	5.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	37700	5.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
5) Vinyl chloride	1.599	62	4811	0.708	ug/L #	1
8) Chloroethane	1.914	64	932	0.228	ug/L #	58
12) 1,1-Dichloroethene	2.567	96	1507	0.257	ug/L #	1
14) Carbon disulfide	2.782	76	1802	0.096	ug/L #	76
17) Methyl tert-butyl Ether	3.354	73	6051	0.376	ug/L	98
19) 1,1-Dichloroethane	3.859	63	6857	0.611	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	6108	0.893	ug/L	90
34) Trichloroethene	6.531	95	8996	1.012	ug/L	93
35) Methylcyclohexane	6.676	83	7914	0.723	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3888	0.633	ug/L #	85
42) Toluene	7.962	91	5861	0.205	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	4359	1.129	ug/L #	64

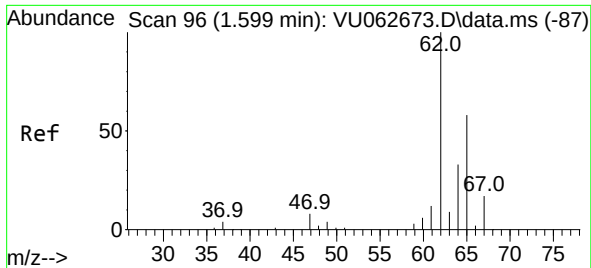
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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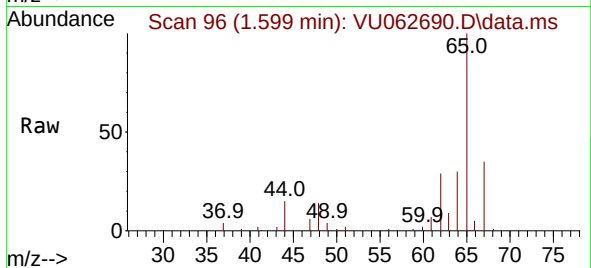
Quant Time: Jan 10 22:47:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
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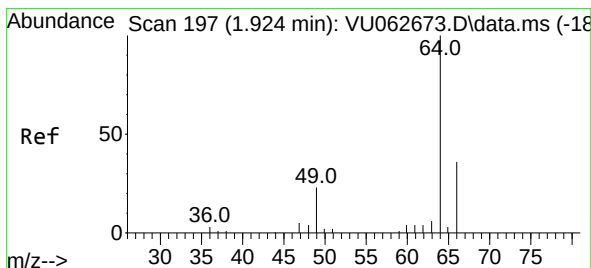
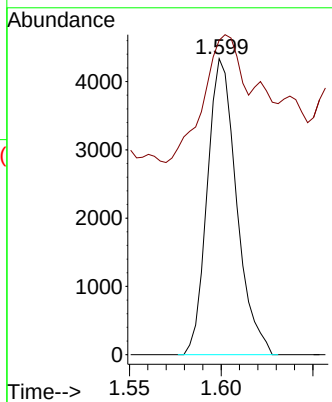
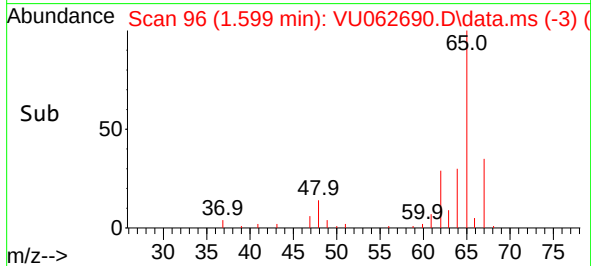


#5
 Vinyl chloride
 Concen: 0.708 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU062690.D
 Acq: 10 Jan 2025 17:41

Instrument :
 MSVOA_U
 ClientSampleId :

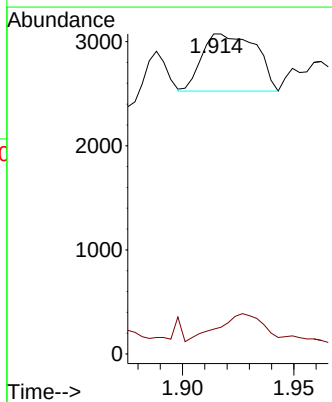
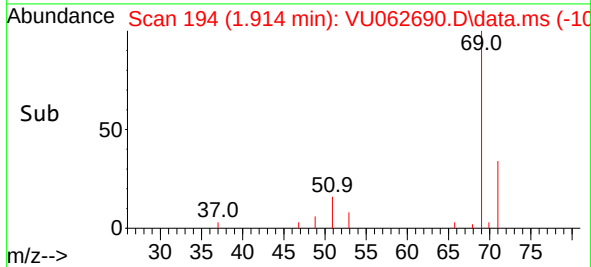
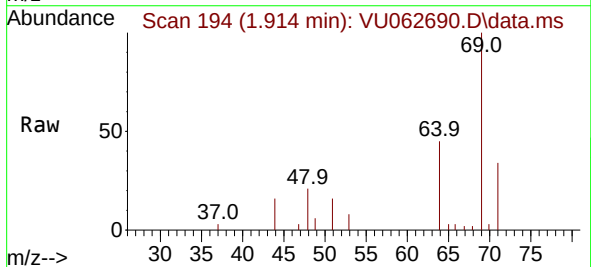


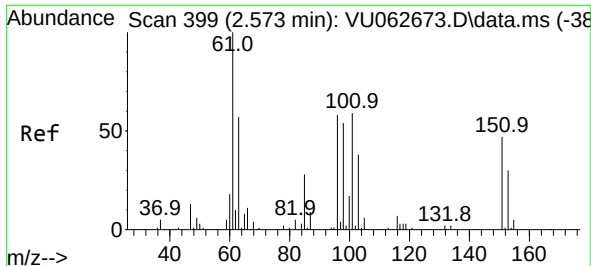
Tgt Ion: 62 Resp: 4811
 Ion Ratio Lower Upper
 62 100
 64 106.2 23.4 43.4#



#8
 Chloroethane
 Concen: 0.228 ug/L
 RT: 1.914 min Scan# 194
 Delta R.T. -0.010 min
 Lab File: VU062690.D
 Acq: 10 Jan 2025 17:41

Tgt Ion: 64 Resp: 932
 Ion Ratio Lower Upper
 64 100
 66 7.7 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 0.257 ug/L

RT: 2.567 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU062690.D

Acq: 10 Jan 2025 17:41

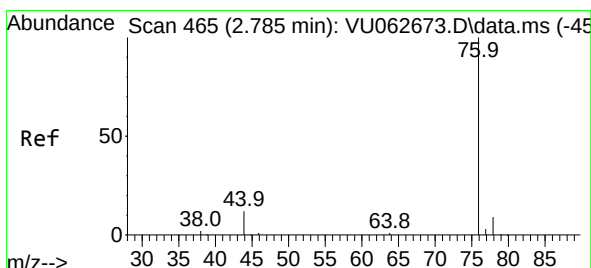
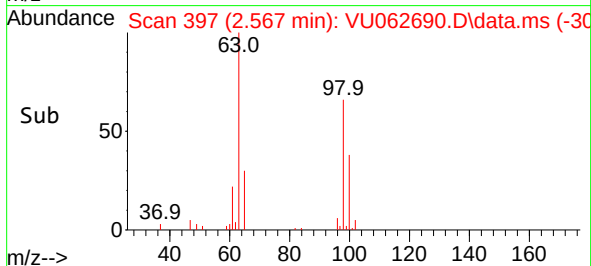
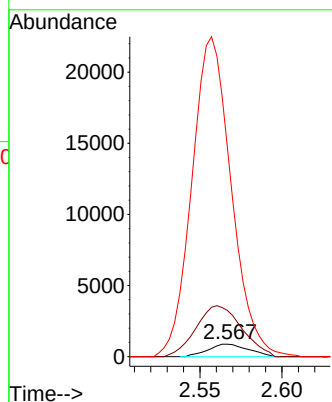
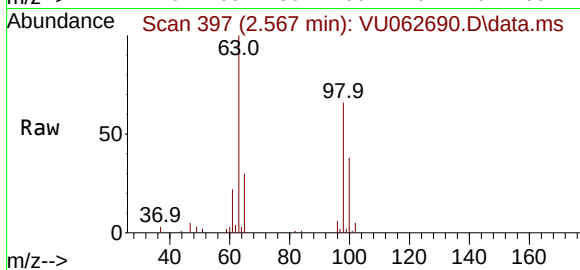
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1507

Ion	Ratio	Lower	Upper
96	100		
61	370.9	120.4	223.6#
63	1676.9	82.3	152.9#



#14

Carbon disulfide

Concen: 0.096 ug/L

RT: 2.782 min Scan# 464

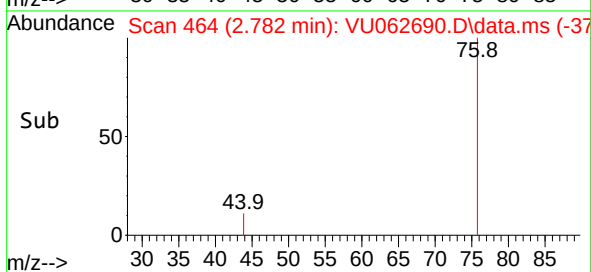
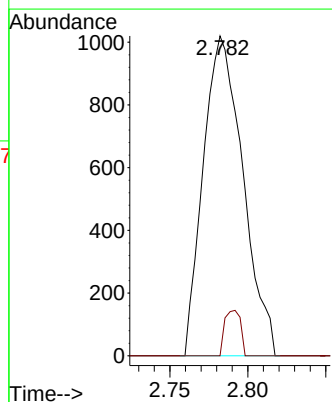
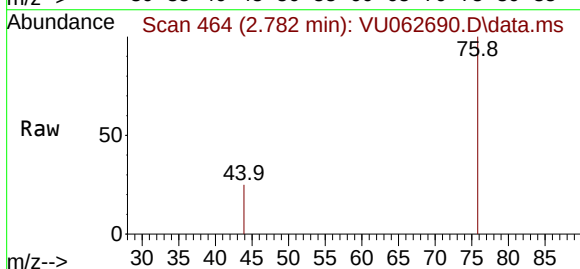
Delta R.T. -0.003 min

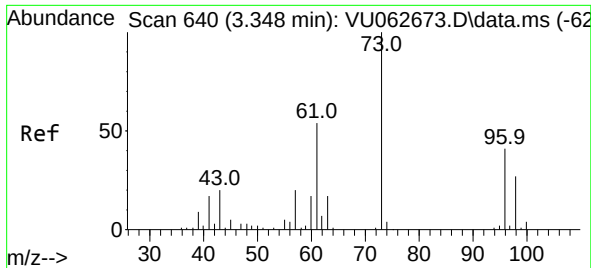
Lab File: VU062690.D

Acq: 10 Jan 2025 17:41

Tgt Ion: 76 Resp: 1802

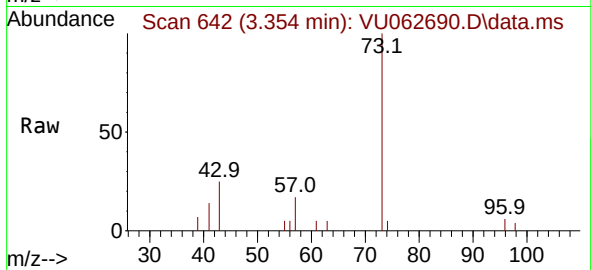
Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.6#



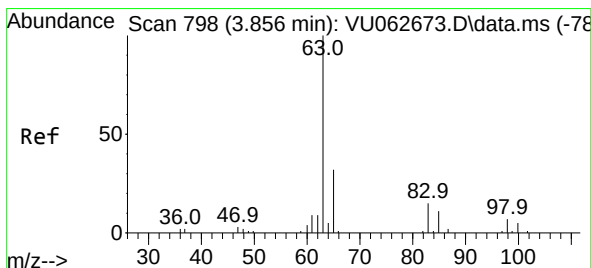
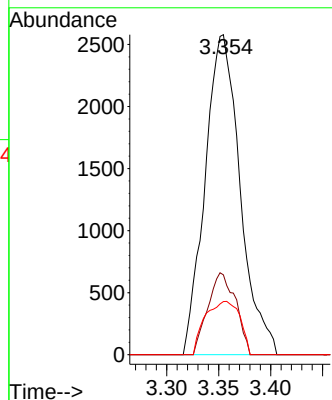
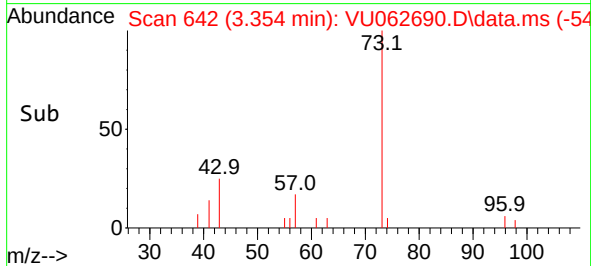


#17
Methyl tert-butyl Ether
Concen: 0.376 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU062690.D
Acq: 10 Jan 2025 17:41

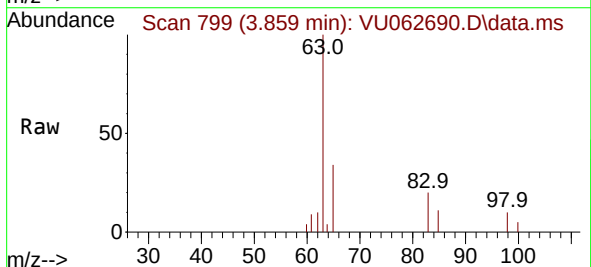
Instrument :
MSVOA_U
ClientSampleId :



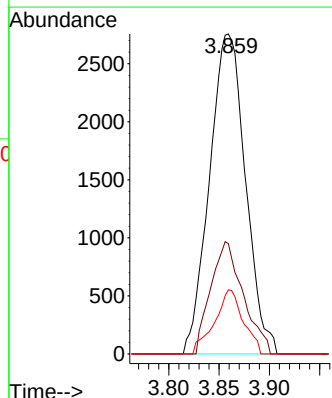
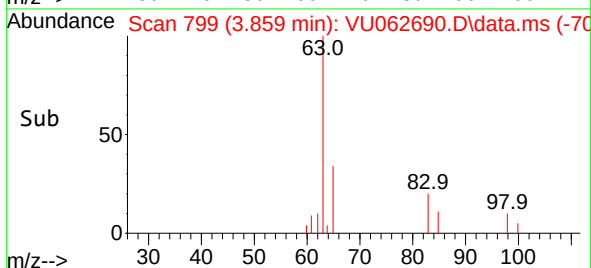
Tgt Ion: 73	Resp: 6051
Ion Ratio	Lower Upper
73 100	
43 20.4	16.2 24.4
57 16.5	14.6 22.0

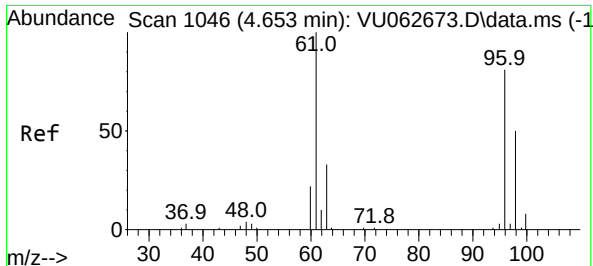


#19
1,1-Dichloroethane
Concen: 0.611 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU062690.D
Acq: 10 Jan 2025 17:41



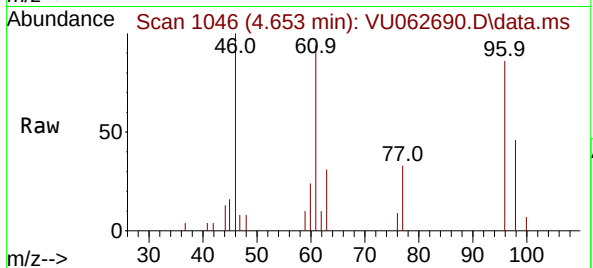
Tgt Ion: 63	Resp: 6857
Ion Ratio	Lower Upper
63 100	
65 33.0	20.7 38.5
83 19.2	10.5 19.5



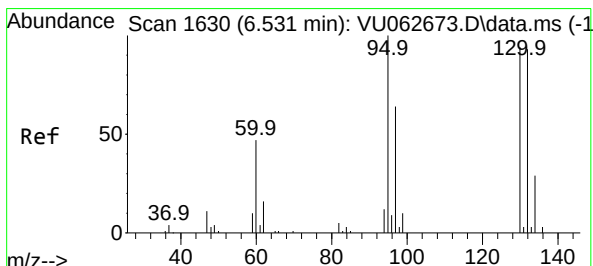
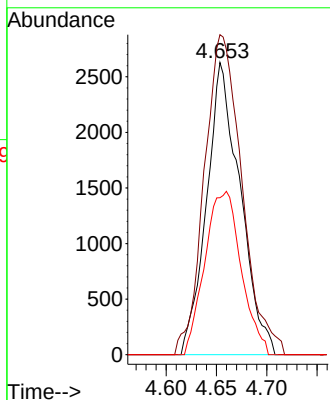
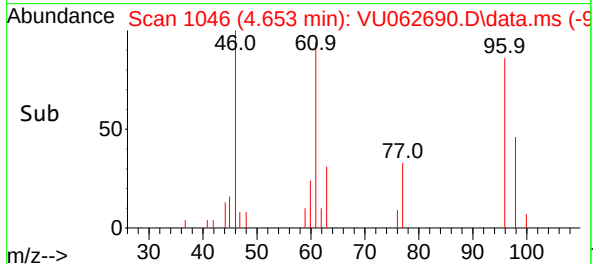


#22
cis-1,2-Dichloroethene
Concen: 0.893 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU062690.D
Acq: 10 Jan 2025 17:41

Instrument :
MSVOA_U
ClientSampleId :

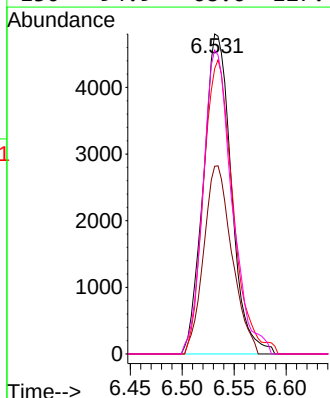
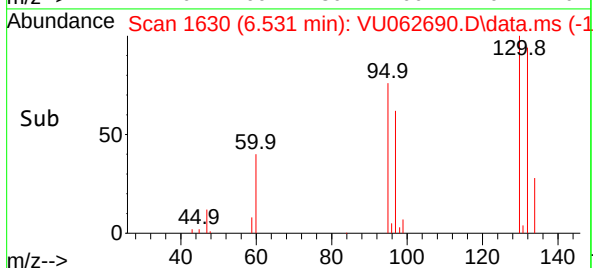
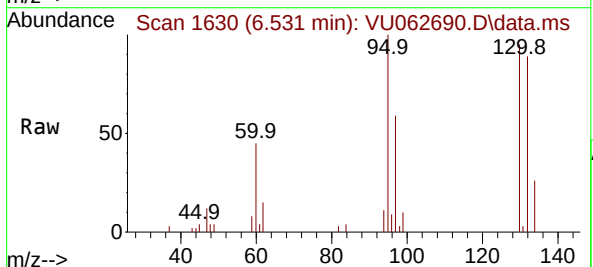


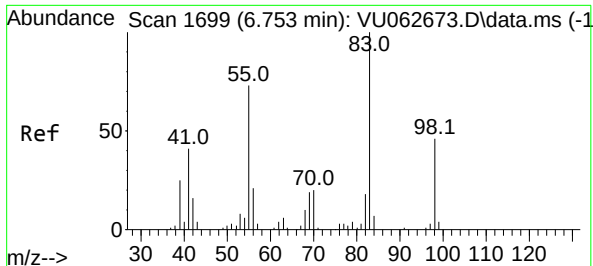
Tgt Ion:	96	Resp:	6108
Ion	Ratio	Lower	Upper
96	100		
61	109.6	84.8	157.6
98	53.7	43.1	80.1



#34
Trichloroethene
Concen: 1.012 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062690.D
Acq: 10 Jan 2025 17:41

Tgt Ion:	95	Resp:	8996
Ion	Ratio	Lower	Upper
95	100		
97	58.7	47.5	88.3
132	89.1	66.9	124.3
130	94.9	68.6	127.4





#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU062690.D

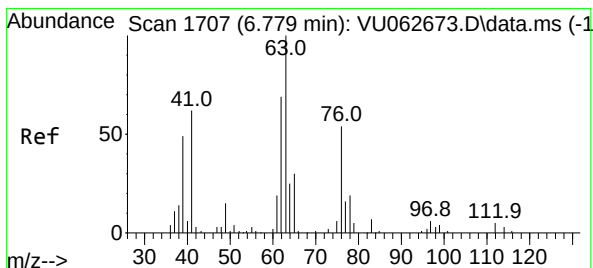
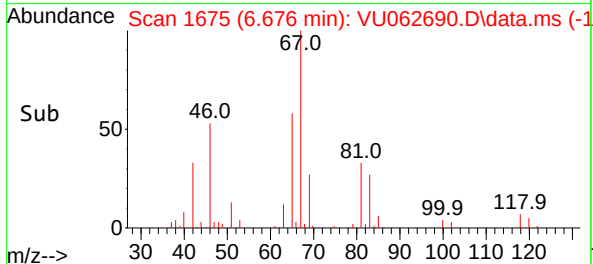
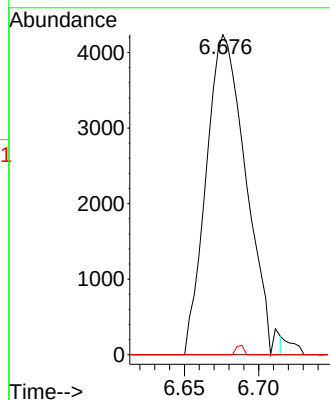
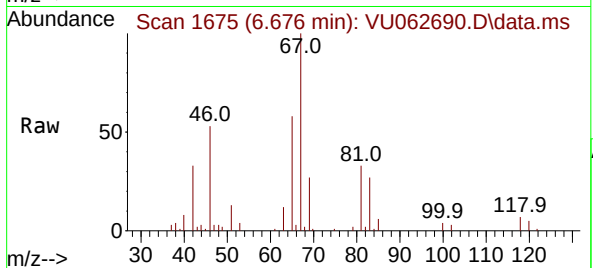
Acq: 10 Jan 2025 17:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 7914
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: 0.633 ug/L

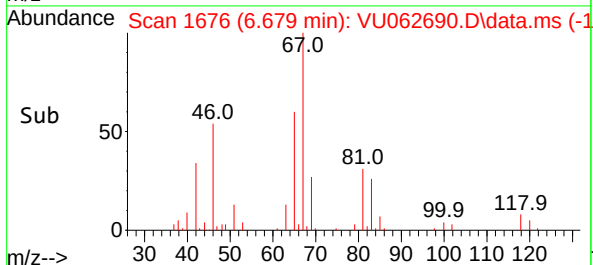
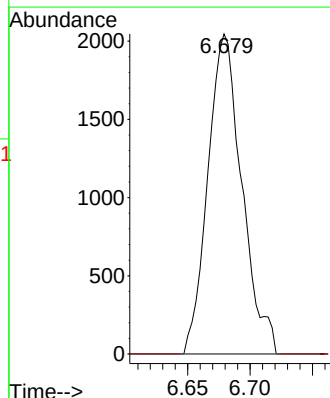
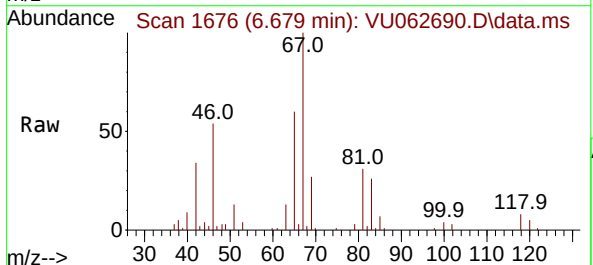
RT: 6.679 min Scan# 1676

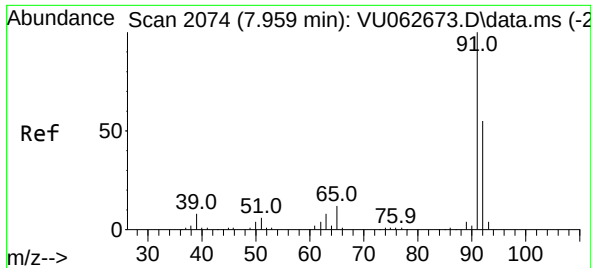
Delta R.T. -0.100 min

Lab File: VU062690.D

Acq: 10 Jan 2025 17:41

Tgt Ion: 63	Resp: 3888
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.8#





#42

Toluene

Concen: 0.205 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062690.D

Acq: 10 Jan 2025 17:41

Instrument :

MSVOA_U

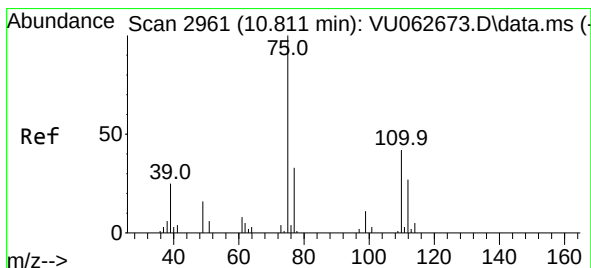
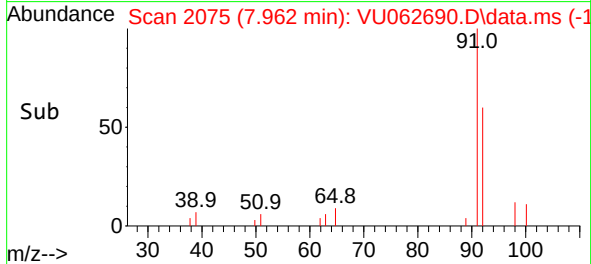
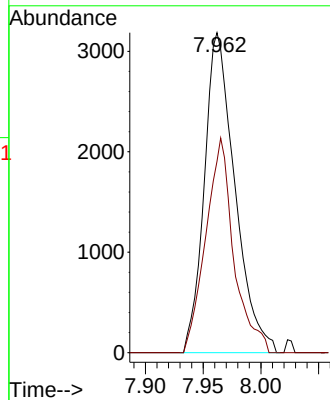
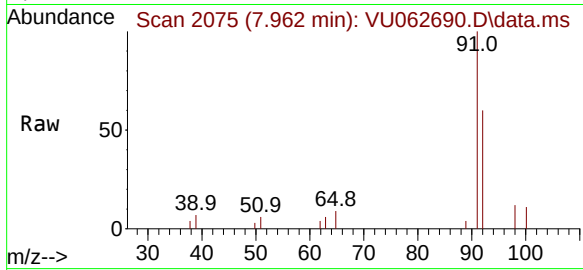
ClientSampleId :

Tgt Ion: 91 Resp: 5861

Ion Ratio Lower Upper

91 100

92 59.8 40.4 75.0



#61

1,2,3-Trichloropropane

Concen: 1.129 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.994 min

Lab File: VU062690.D

Acq: 10 Jan 2025 17:41

Tgt Ion: 75 Resp: 4359

Ion Ratio Lower Upper

75 100

110 3.0 33.2 49.8

77 34.9 25.9 38.9

