

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062688.D
 Acq On : 10 Jan 2025 16:52
 Operator : MD/SY
 Sample : Q1058-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 22:46:57 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)

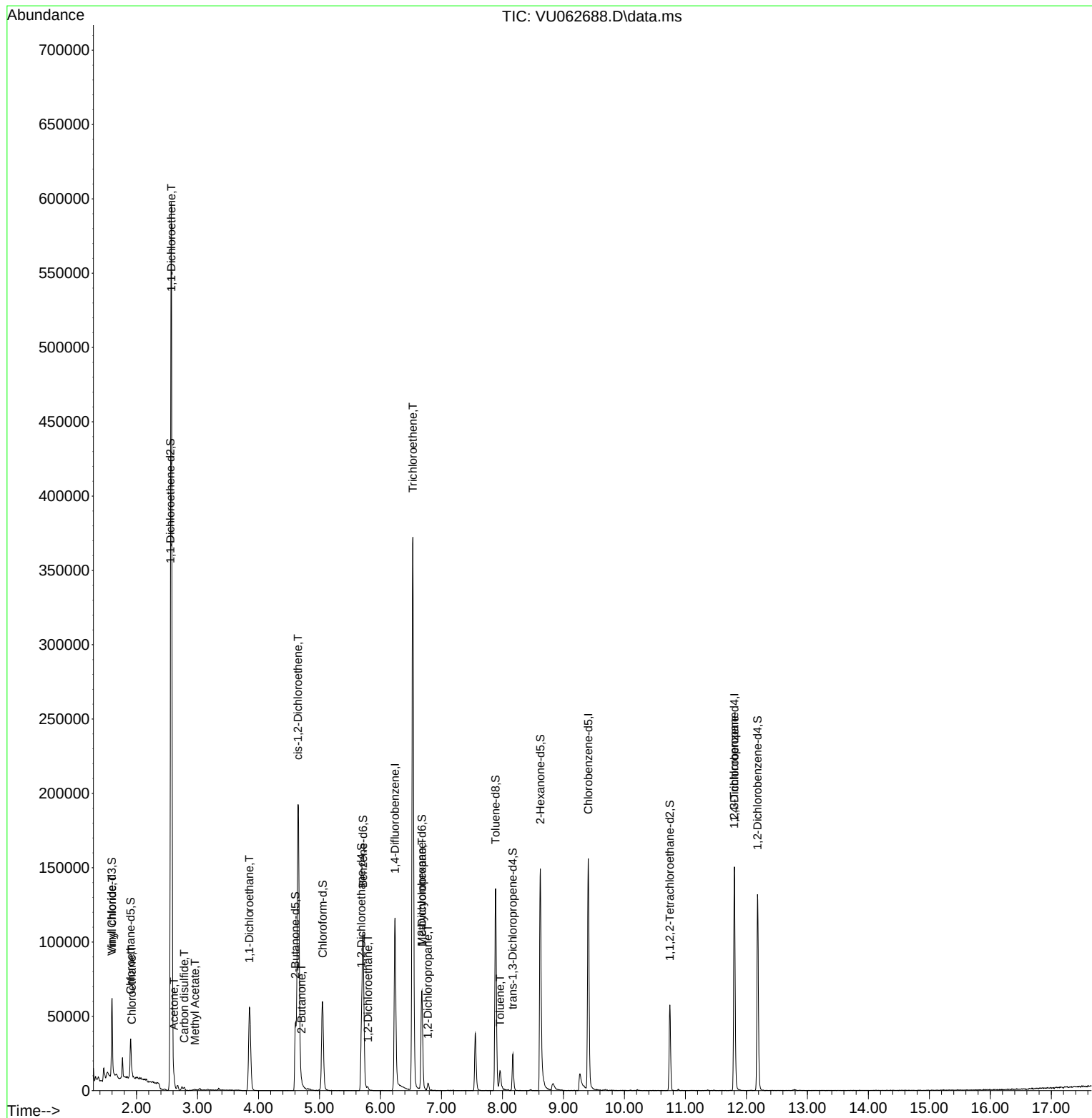
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21321	4.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.904	69	18306	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.557	65	11636	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.605	46	60572	57.327	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.660%
24) Chloroform-d	5.052	84	59446	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.689	65	35084	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.714	84	99718	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.679	67	29740	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.888	98	94539	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.171	79	14698	4.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.621	63	53953	58.043	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27662	5.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	36355	5.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	17194	2.559	ug/L #	49
8) Chloroethane	1.924	64	3148	0.780	ug/L #	69
12) 1,1-Dichloroethene	2.570	96	198305	34.223	ug/L #	74
13) Acetone	2.615	43	8422	10.062	ug/L	97
14) Carbon disulfide	2.782	76	2666	0.144	ug/L	97
15) Methyl Acetate	2.959	43	738	0.407	ug/L #	44
19) 1,1-Dichloroethane	3.853	63	62791	5.657	ug/L	96
21) 2-Butanone	4.705	43	6416	5.756	ug/L	84
22) cis-1,2-Dichloroethene	4.650	96	104525	15.461	ug/L	98
27) 1,2-Dichloroethane	5.795	62	2195	0.246	ug/L #	79
34) Trichloroethene	6.531	95	129222	15.050	ug/L	97
35) Methylcyclohexane	6.679	83	8304	0.786	ug/L #	20
37) 1,2-Dichloropropane	6.779	63	1609	0.271	ug/L #	85
42) Toluene	7.962	91	9474	0.344	ug/L	100
61) 1,2,3-Trichloropropane	11.801	75	4390	1.157	ug/L #	62

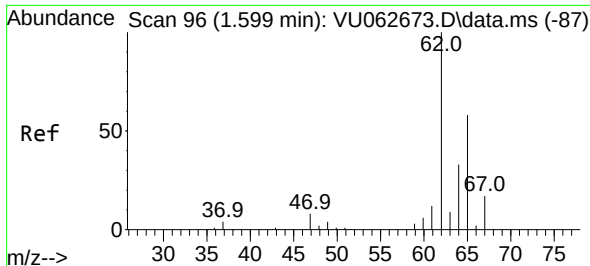
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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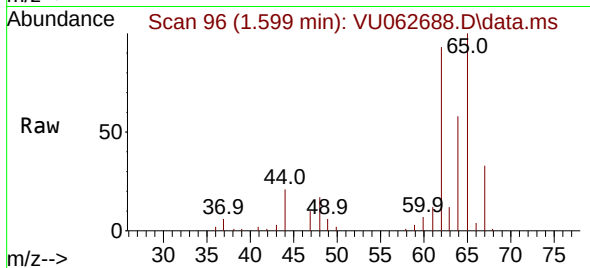
Quant Time: Jan 10 22:46:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
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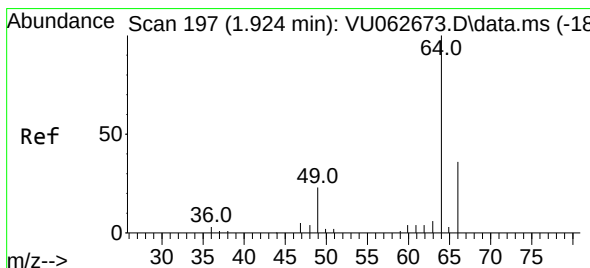
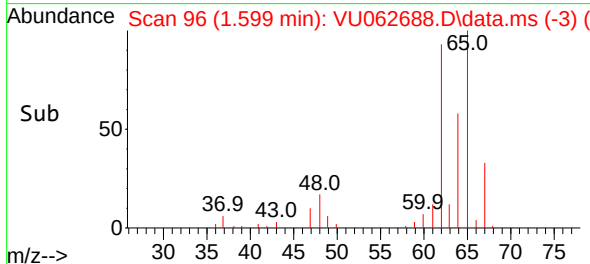
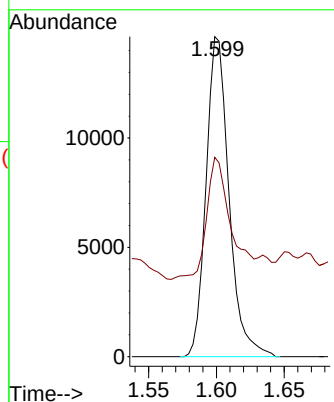


#5
 Vinyl chloride
 Concen: 2.559 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062688.D
 Acq: 10 Jan 2025 16:52

Instrument :
 MSVOA_U
 ClientSampleId :

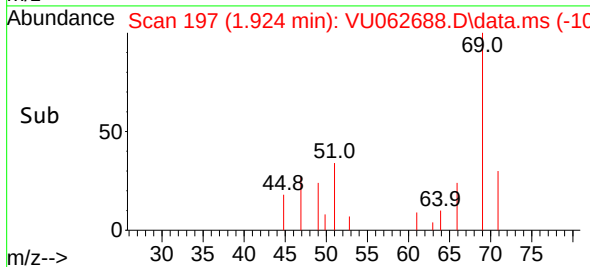
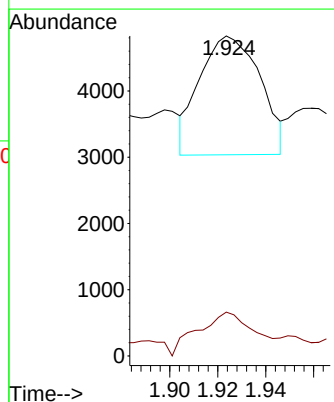
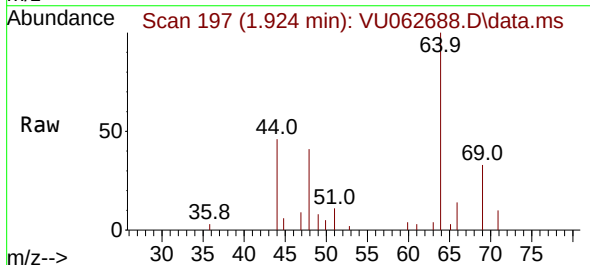


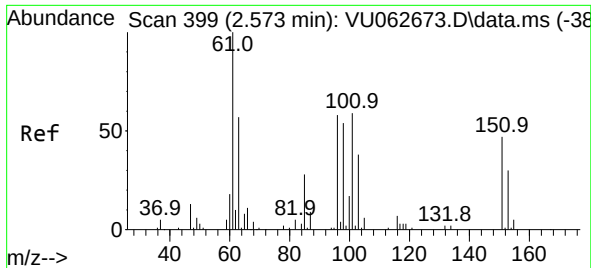
Tgt Ion: 62 Resp: 17194
 Ion Ratio Lower Upper
 62 100
 64 62.3 23.4 43.4#



#8
 Chloroethane
 Concen: 0.780 ug/L
 RT: 1.924 min Scan# 197
 Delta R.T. 0.000 min
 Lab File: VU062688.D
 Acq: 10 Jan 2025 16:52

Tgt Ion: 64 Resp: 3148
 Ion Ratio Lower Upper
 64 100
 66 13.7 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 34.223 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

Instrument :

MSVOA_U

ClientSampleId :

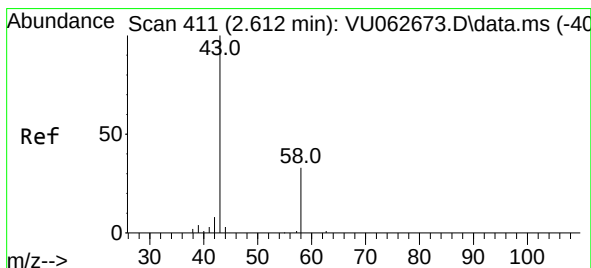
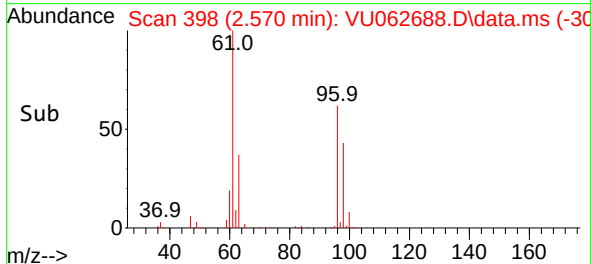
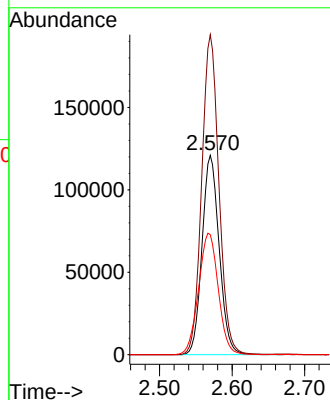
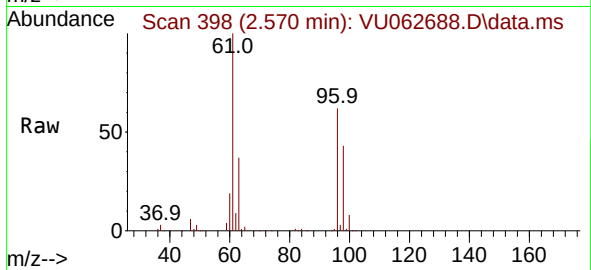
Tgt Ion: 96 Resp: 198305

Ion Ratio Lower Upper

96 100

61 160.5 120.4 223.6

63 60.1 82.3 152.9#



#13

Acetone

Concen: 10.062 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU062688.D

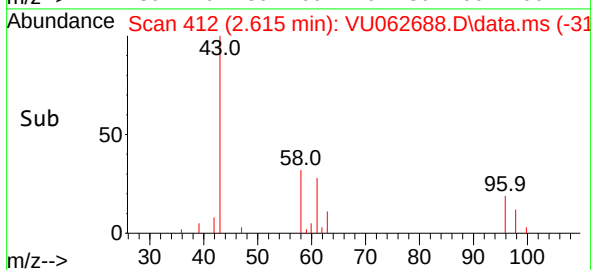
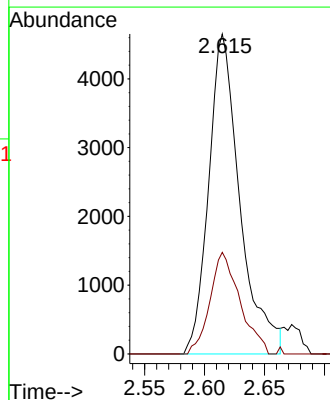
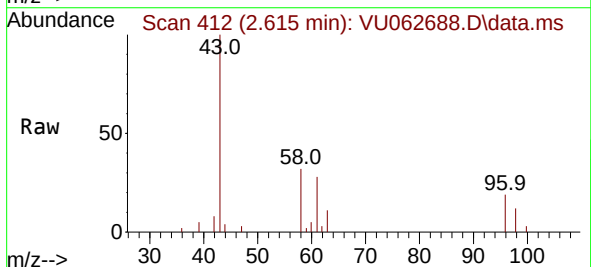
Acq: 10 Jan 2025 16:52

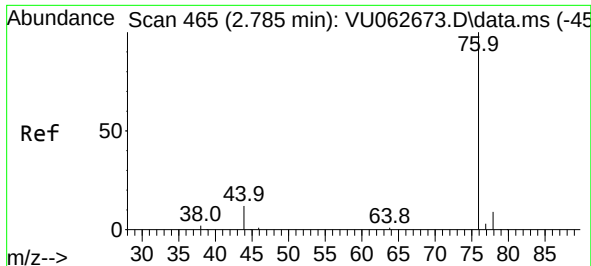
Tgt Ion: 43 Resp: 8422

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.4

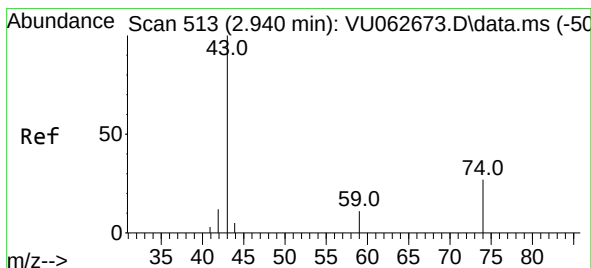
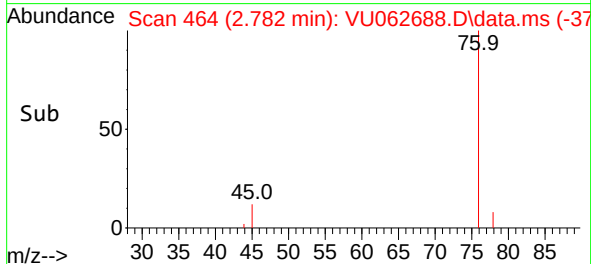
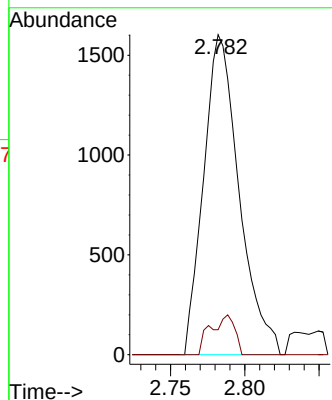
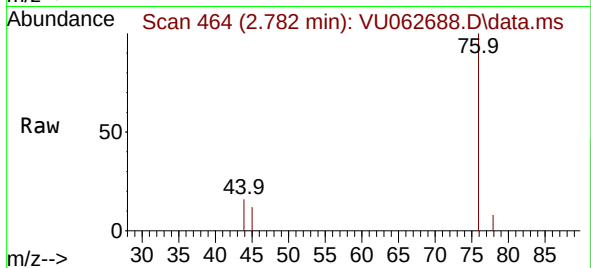




#14
Carbon disulfide
Concen: 0.144 ug/L
RT: 2.782 min Scan# 464
Delta R.T. -0.003 min
Lab File: VU062688.D
Acq: 10 Jan 2025 16:52

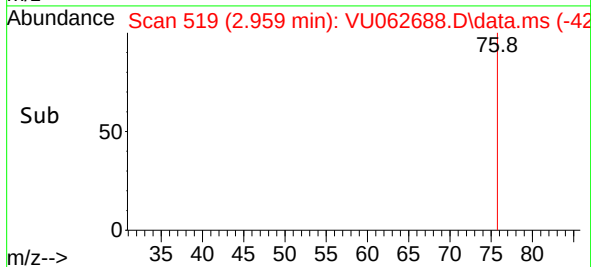
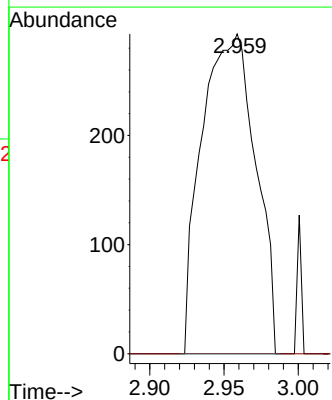
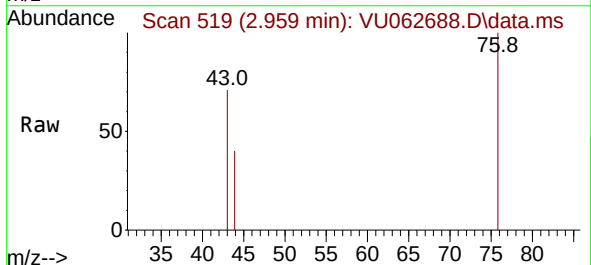
Instrument :
MSVOA_U
ClientSampleId :

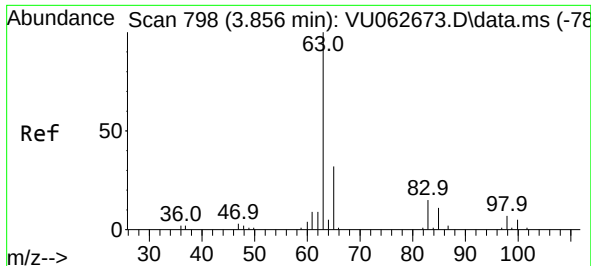
Tgt Ion: 76 Resp: 2666
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6



#15
Methyl Acetate
Concen: 0.407 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.019 min
Lab File: VU062688.D
Acq: 10 Jan 2025 16:52

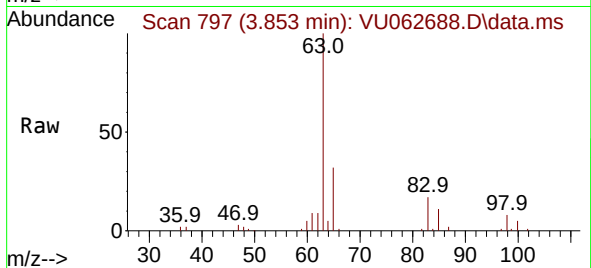
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



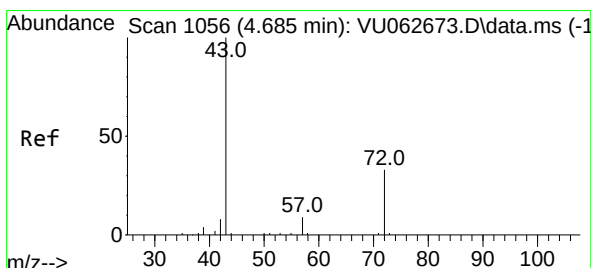
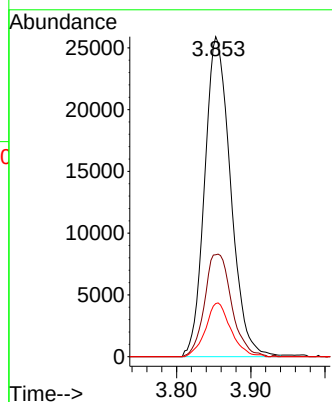
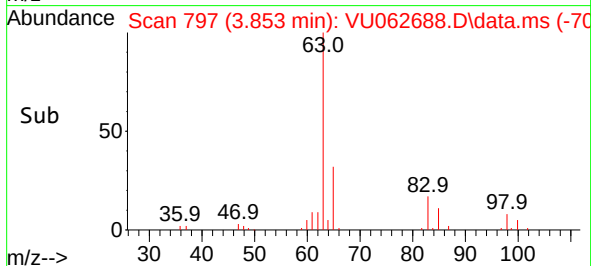


#19
1,1-Dichloroethane
Concen: 5.657 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU062688.D
Acq: 10 Jan 2025 16:52

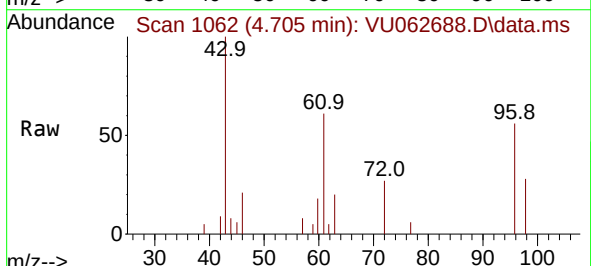
Instrument :
MSVOA_U
ClientSampleId :



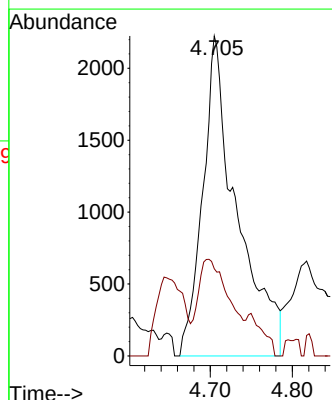
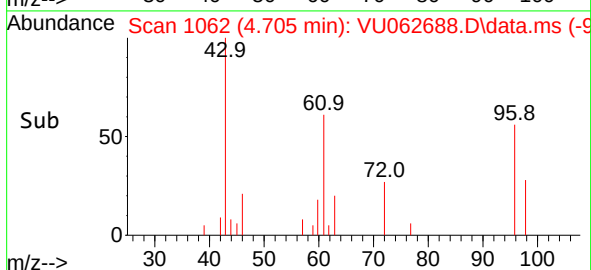
Tgt Ion: 63 Resp: 62791
Ion Ratio Lower Upper
63 100
65 31.9 20.7 38.5
83 16.6 10.5 19.5

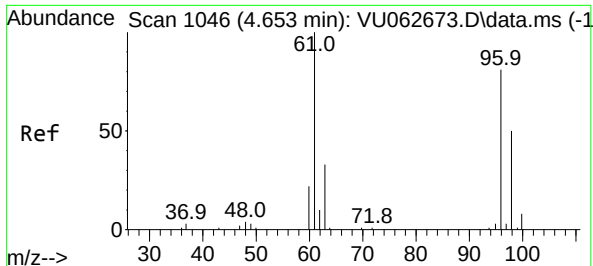


#21
2-Butanone
Concen: 5.756 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.019 min
Lab File: VU062688.D
Acq: 10 Jan 2025 16:52



Tgt Ion: 43 Resp: 6416
Ion Ratio Lower Upper
43 100
72 24.8 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 15.461 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

Instrument :

MSVOA_U

ClientSampleId :

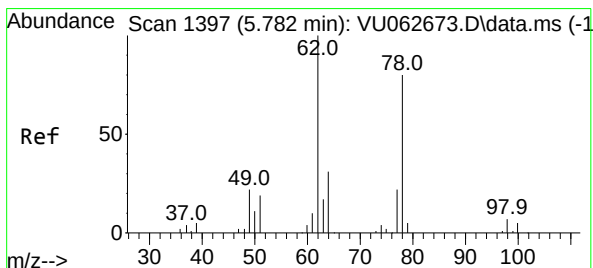
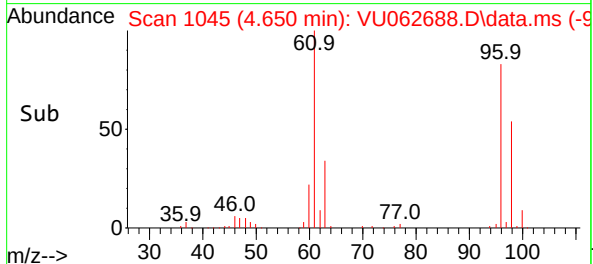
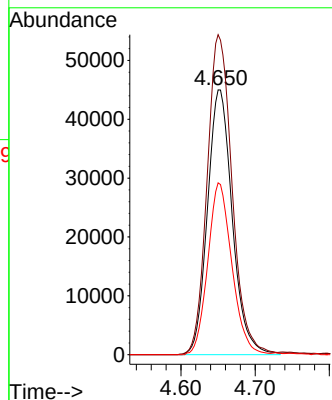
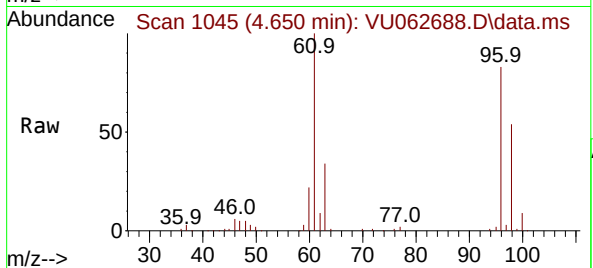
Tgt Ion: 96 Resp: 104525

Ion Ratio Lower Upper

96 100

61 120.9 84.8 157.6

98 64.9 43.1 80.1



#27

1,2-Dichloroethane

Concen: 0.246 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.013 min

Lab File: VU062688.D

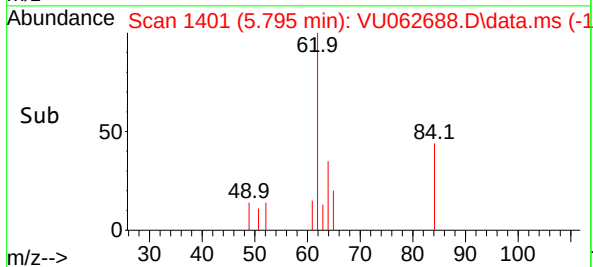
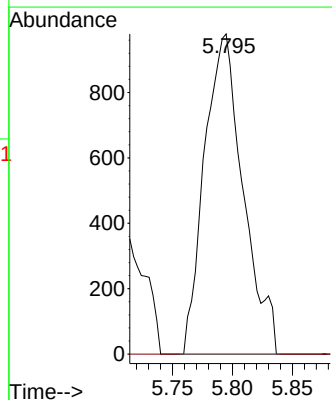
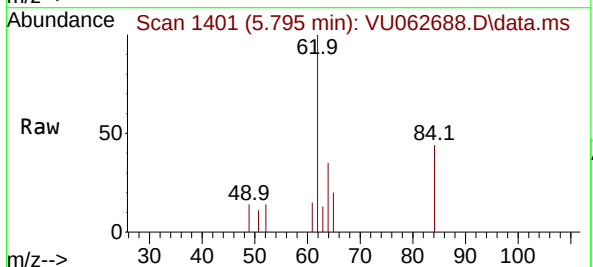
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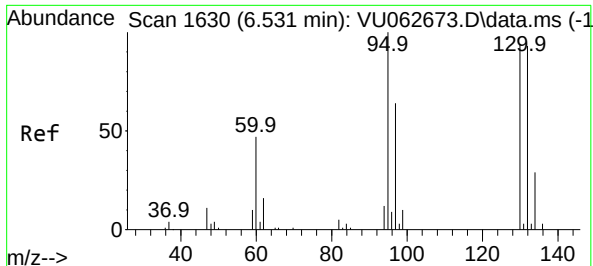
Tgt Ion: 62 Resp: 2195

Ion Ratio Lower Upper

62 100

98 0.0 5.8 8.6#





#34

Trichloroethene

Concen: 15.050 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 129222

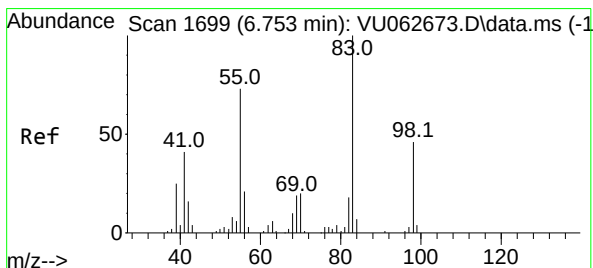
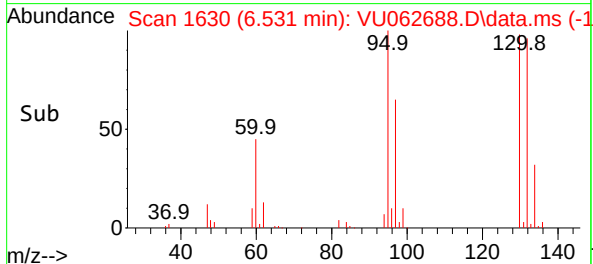
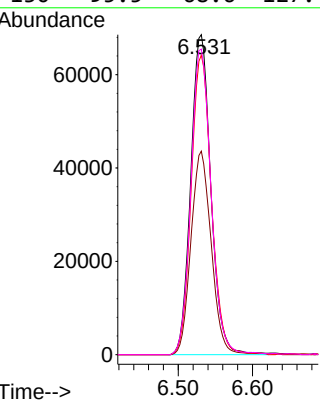
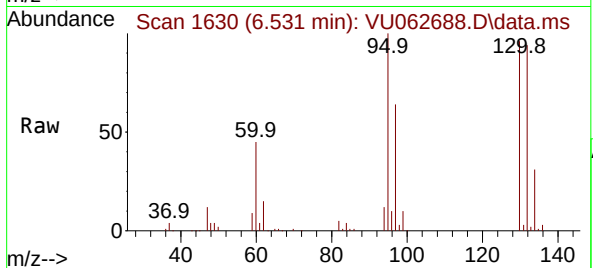
Ion Ratio Lower Upper

95 100

97 63.6 47.5 88.3

132 93.6 66.9 124.3

130 95.5 68.6 127.4



#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

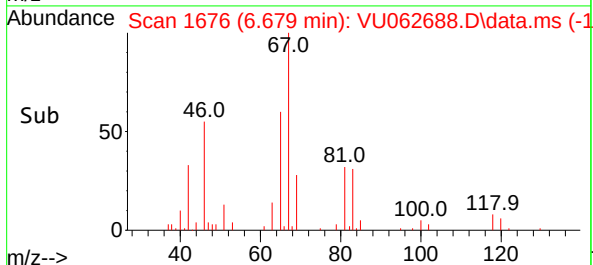
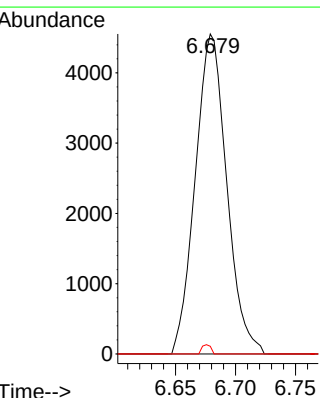
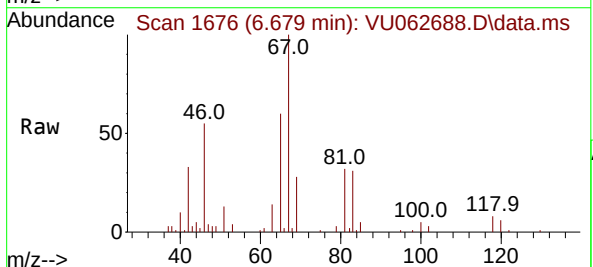
Tgt Ion: 83 Resp: 8304

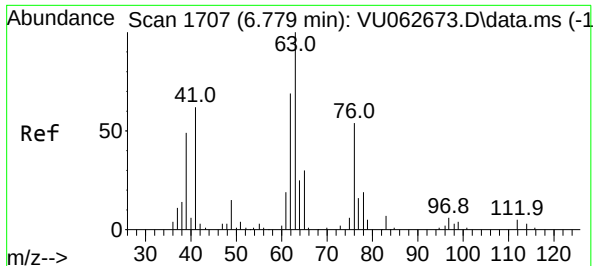
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.0 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.271 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

Instrument :

MSVOA_U

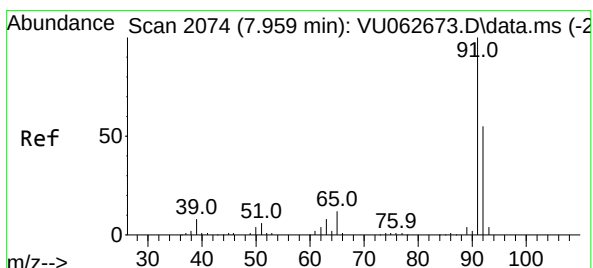
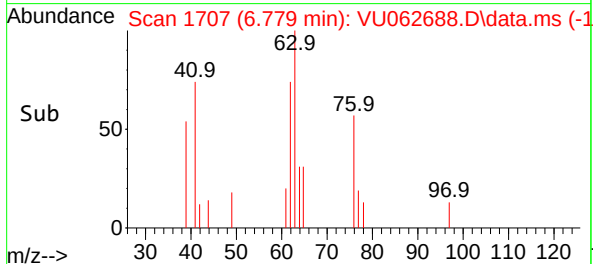
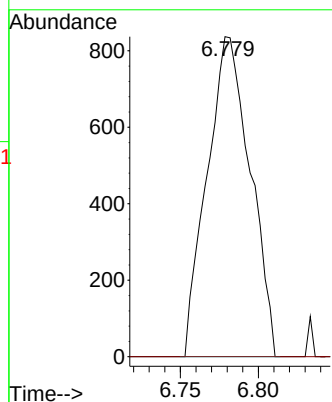
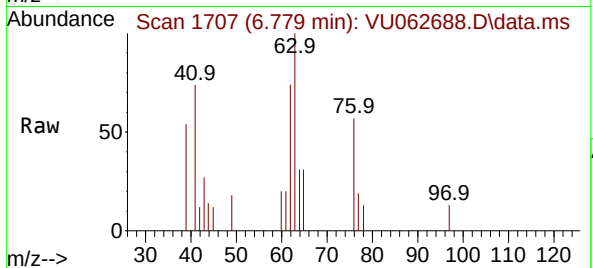
ClientSampleId :

Tgt Ion: 63 Resp: 1609

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.344 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062688.D

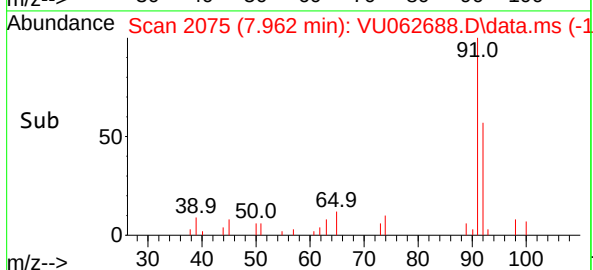
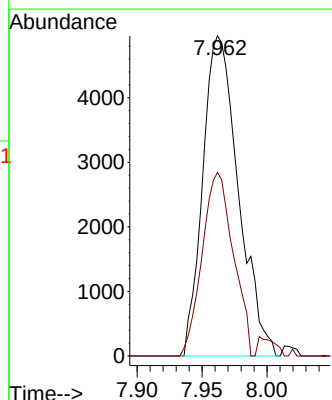
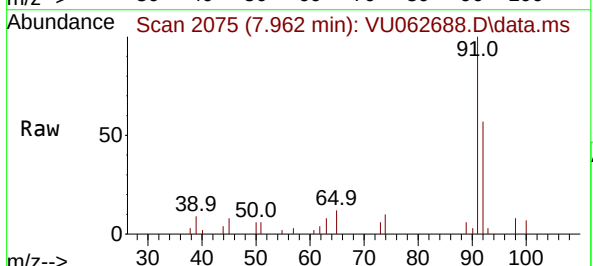
Acq: 10 Jan 2025 16:52

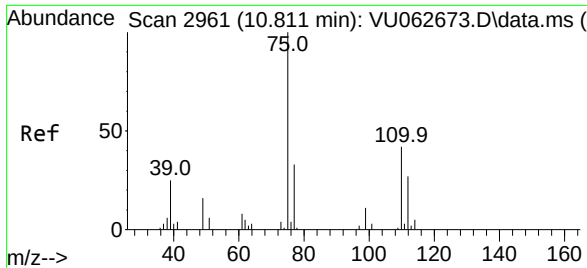
Tgt Ion: 91 Resp: 9474

Ion Ratio Lower Upper

91 100

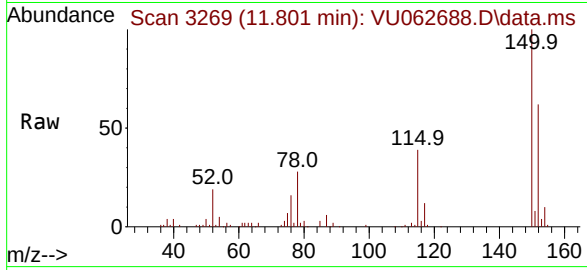
92 57.4 40.4 75.0





#61
 1,2,3-Trichloropropane
 Concen: 1.157 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062688.D
 Acq: 10 Jan 2025 16:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4390
 Ion Ratio Lower Upper
 75 100
 110 1.4 33.2 49.8#
 77 34.8 25.9 38.9

