

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058041.D
 Acq On : 11 Mar 2024 14:28
 Operator : MD/SY
 Sample : P1715-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:09:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 12 03:05:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75943	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	47029	3.761	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.908	69	44118	4.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.560	65	22152	4.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.608	46	110563	53.669	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.052	84	109157	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.692	65	52513	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.718	84	211986	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	68901	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	188130	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.174	79	21551	4.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.624	63	96185	58.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	46003	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	61138	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%

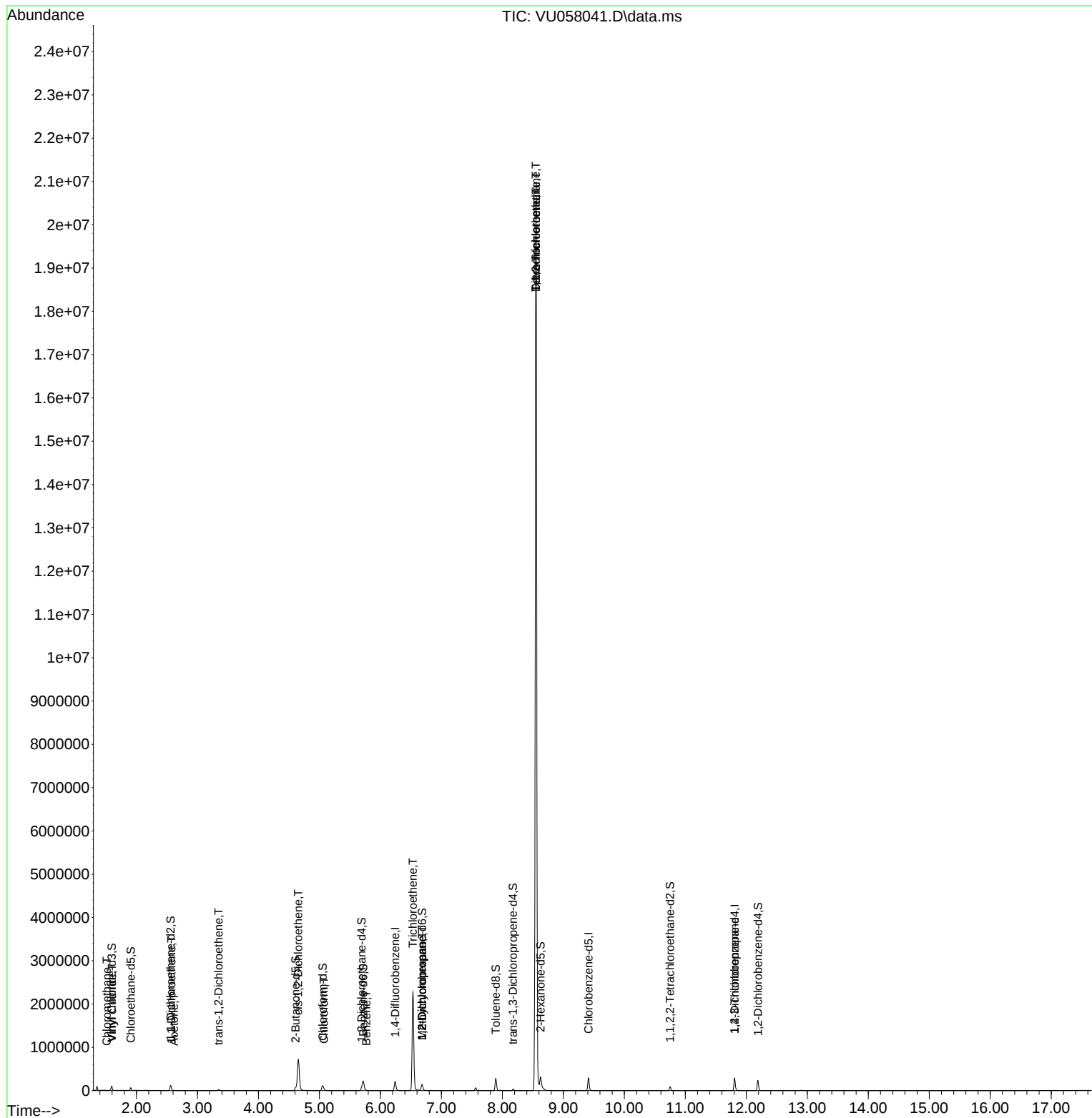
Target Compounds				Qvalue		
3) Chloromethane	1.515	50	1560	0.127	ug/L #	42
5) Vinyl chloride	1.599	62	10162	0.767	ug/L	95
12) 1,1-Dichloroethene	2.573	96	4562	0.435	ug/L #	1
13) Acetone	2.615	43	8700	5.675	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	9943	0.871	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	375083	29.854	ug/L	97
25) Chloroform	5.075	83	11298	0.486	ug/L	97
33) Benzene	5.769	78	6586	0.134	ug/L	100
34) Trichloroethene	6.531	95	804317	62.202	ug/L	97
35) Methylcyclohexane	6.682	83	15162	0.765	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	7546	0.595	ug/L #	89
45) 1,1,2-Trichloroethane	8.550	97	41889	5.575	ug/L #	1
47) Tetrachloroethene	8.550	164	4076470	454.397	ug/L	95
49) Dibromochloromethane	8.550	129	4380558	492.506	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	10313	1.658	ug/L #	70

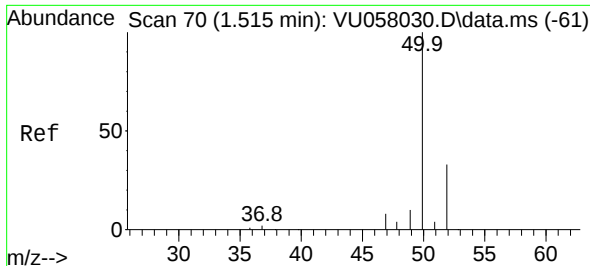
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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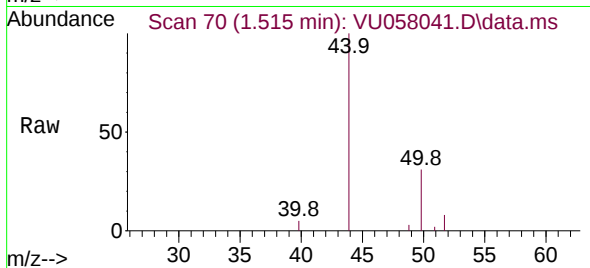
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
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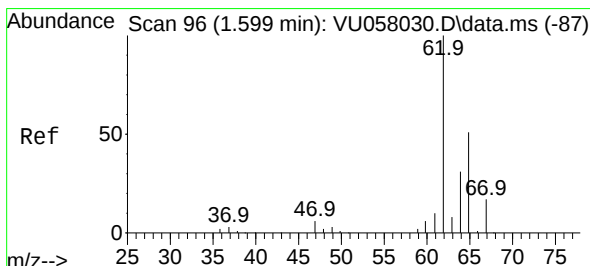
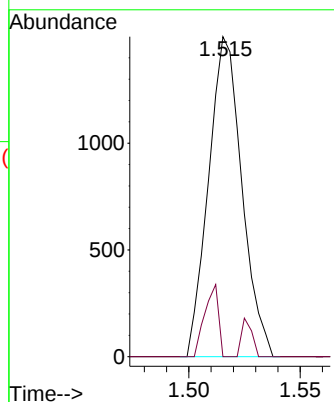
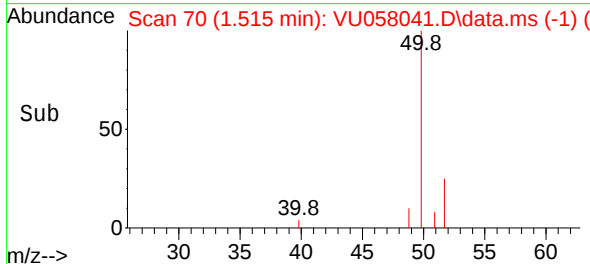


#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058041.D
Acq: 11 Mar 2024 14:28

Instrument :
MSVOA_U
ClientSampleId :

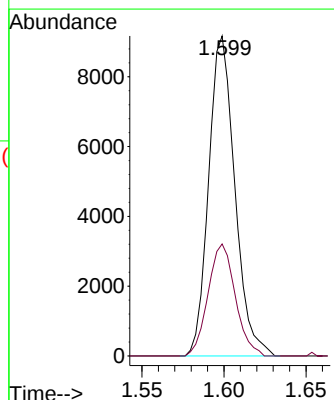
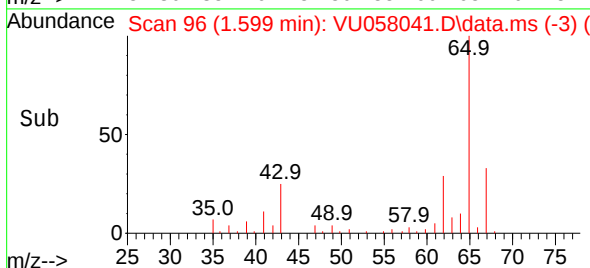
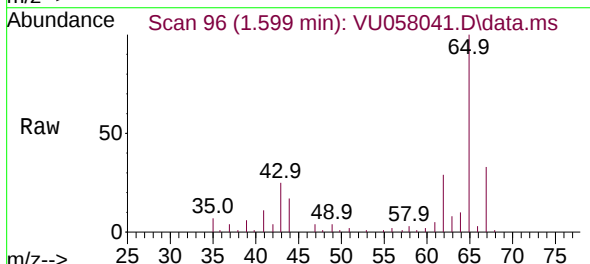


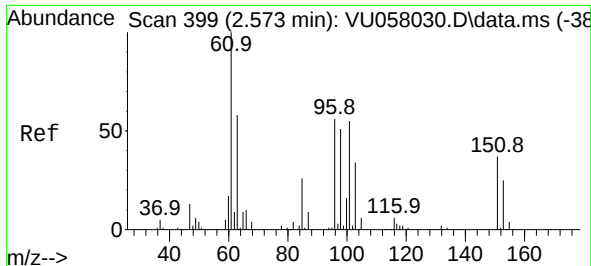
Tgt Ion: 50 Resp: 1560
Ion Ratio Lower Upper
50 100
52 0.0 23.1 42.9#



#5
Vinyl chloride
Concen: 0.767 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU058041.D
Acq: 11 Mar 2024 14:28

Tgt Ion: 62 Resp: 10162
Ion Ratio Lower Upper
62 100
64 35.0 22.5 41.7





#12

1,1-Dichloroethene

Concen: 0.435 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058041.D

Acq: 11 Mar 2024 14:28

Instrument :

MSVOA_U

ClientSampleId :

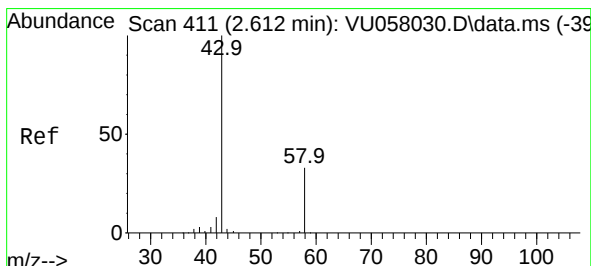
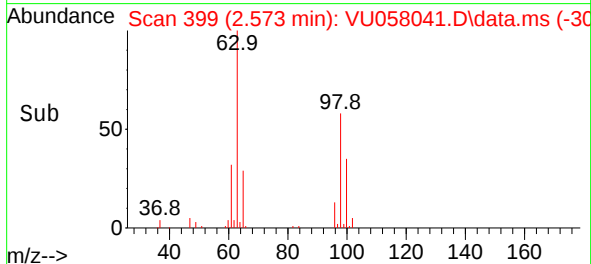
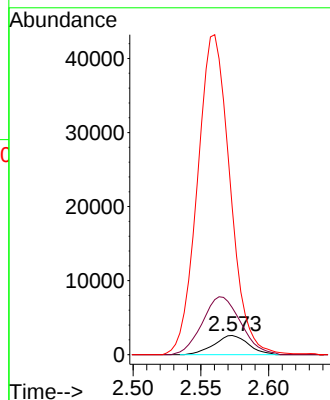
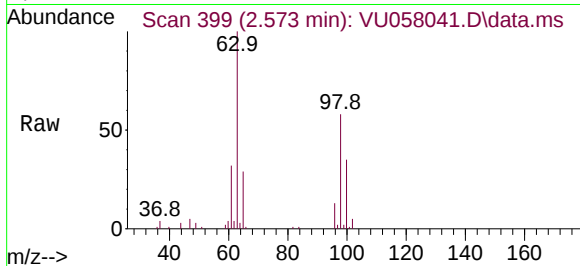
Tgt Ion: 96 Resp: 4562

Ion Ratio Lower Upper

96 100

61 244.3 131.8 244.8

63 765.2 98.1 182.1#



#13

Acetone

Concen: 5.675 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU058041.D

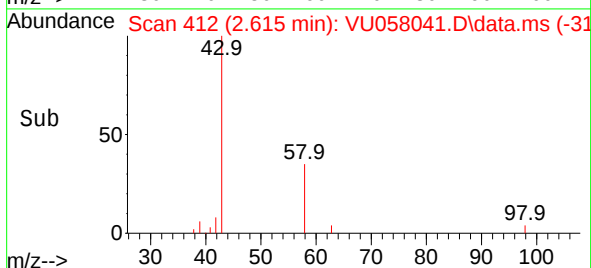
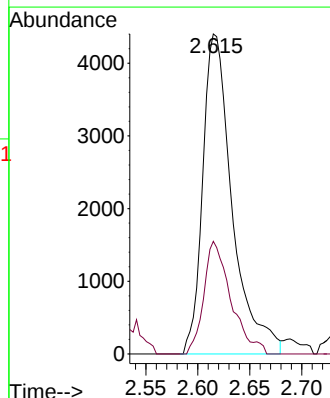
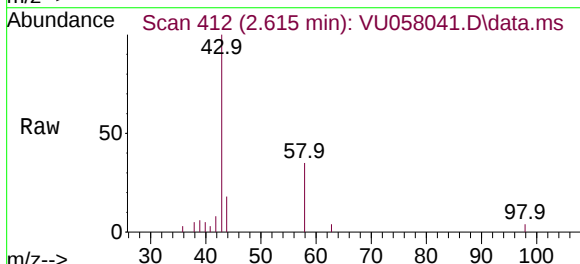
Acq: 11 Mar 2024 14:28

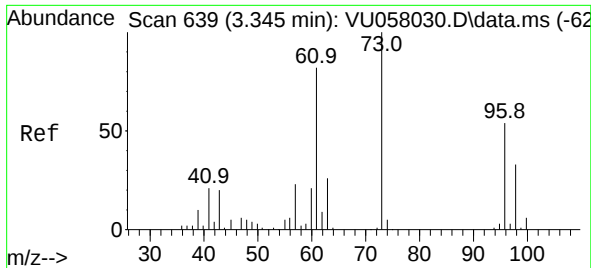
Tgt Ion: 43 Resp: 8700

Ion Ratio Lower Upper

43 100

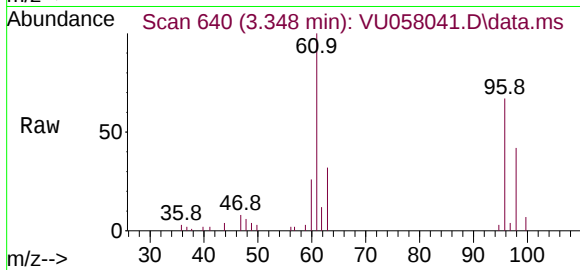
58 32.3 0.0 63.6



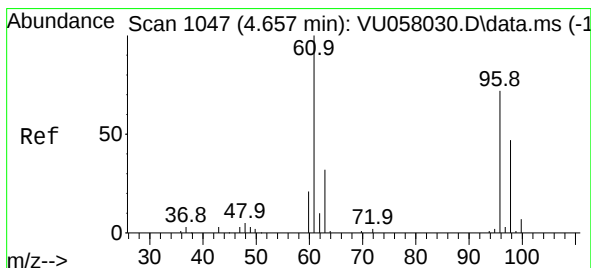
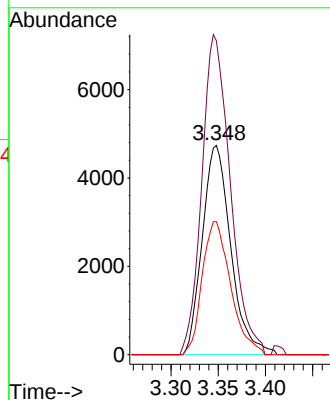
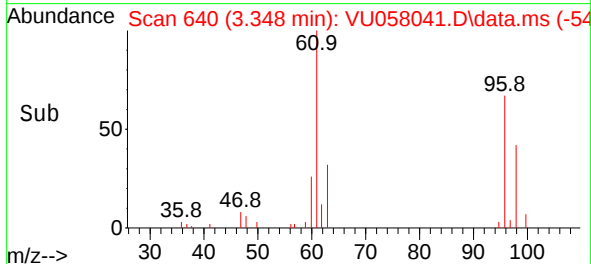


#18
trans-1,2-Dichloroethene
Concen: 0.871 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058041.D
Acq: 11 Mar 2024 14:28

Instrument :
MSVOA_U
ClientSampleId :

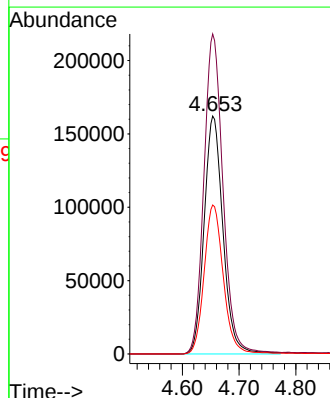
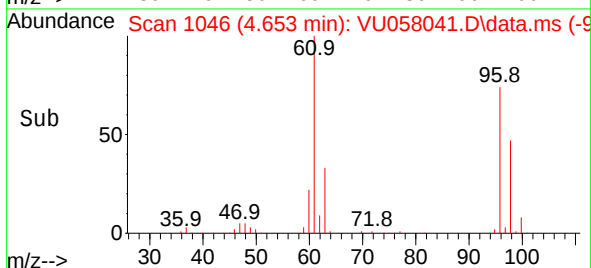
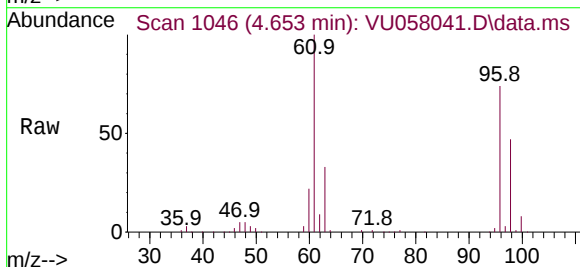


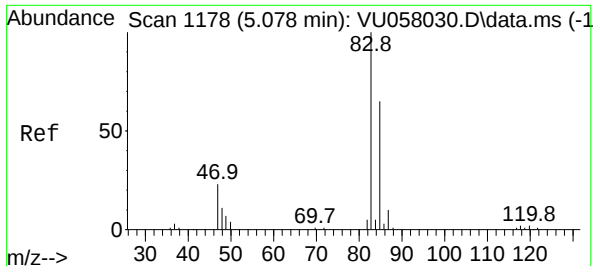
Tgt Ion: 96 Resp: 9943
Ion Ratio Lower Upper
96 100
61 150.0 107.7 199.9
98 63.6 45.8 85.0



#22
cis-1,2-Dichloroethene
Concen: 29.854 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058041.D
Acq: 11 Mar 2024 14:28

Tgt Ion: 96 Resp: 375083
Ion Ratio Lower Upper
96 100
61 134.5 97.2 180.4
98 62.6 45.5 84.5





#25

Chloroform

Concen: 0.486 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU058041.D

Acq: 11 Mar 2024 14:28

Instrument :

MSVOA_U

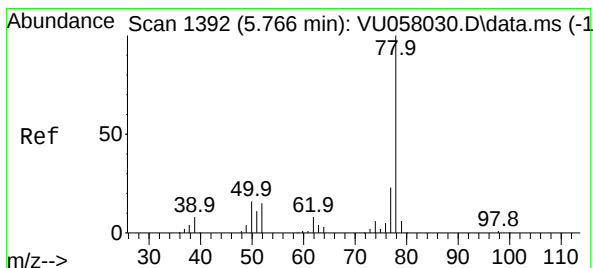
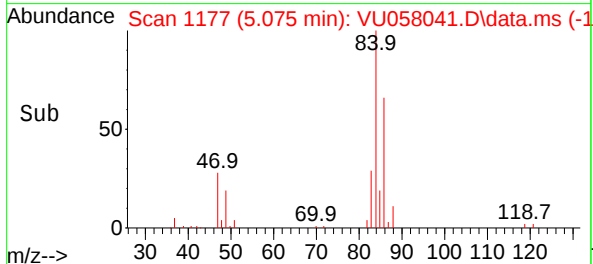
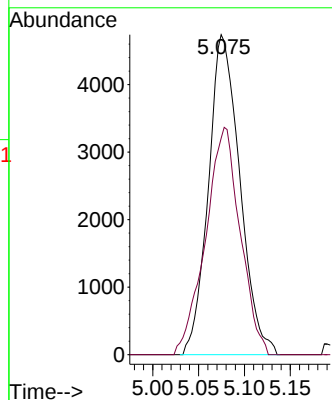
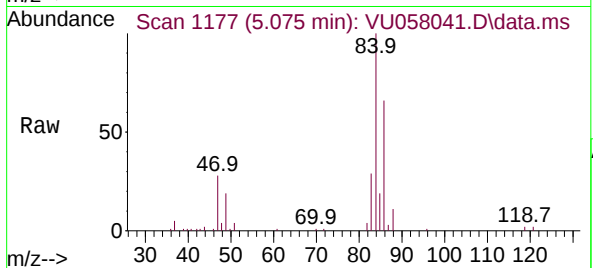
ClientSampleId :

Tgt Ion: 83 Resp: 11298

Ion Ratio Lower Upper

83 100

85 67.7 45.4 84.4



#33

Benzene

Concen: 0.134 ug/L

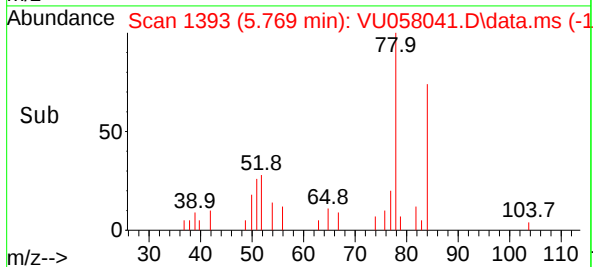
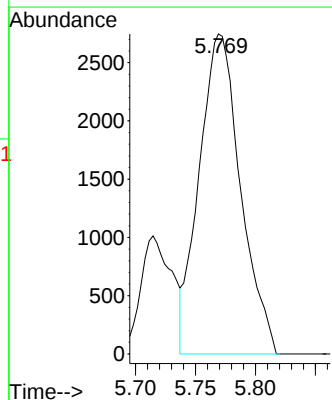
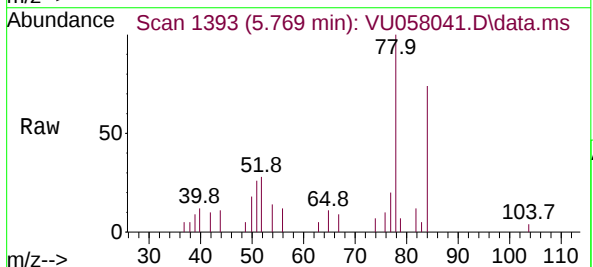
RT: 5.769 min Scan# 1393

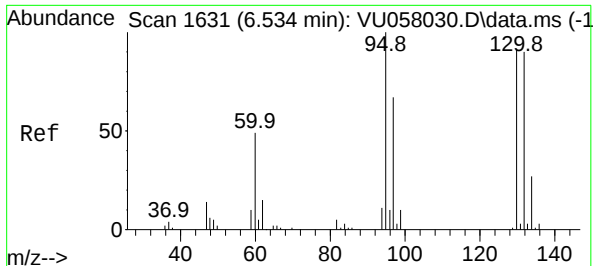
Delta R.T. 0.003 min

Lab File: VU058041.D

Acq: 11 Mar 2024 14:28

Tgt Ion: 78 Resp: 6586





#34

Trichloroethene

Concen: 62.202 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058041.D

Acq: 11 Mar 2024 14:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 804317

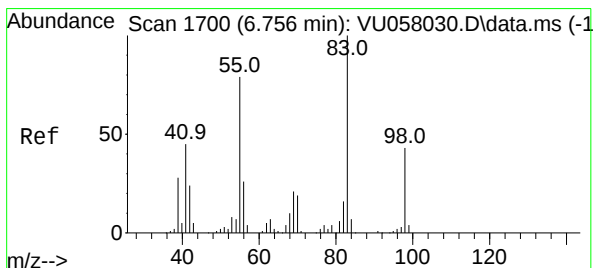
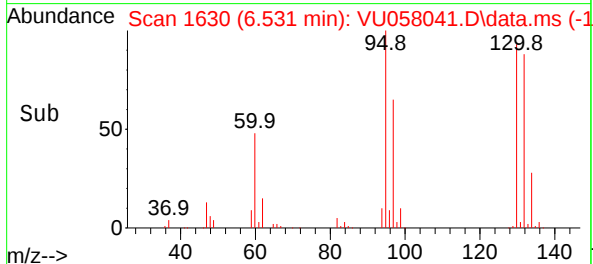
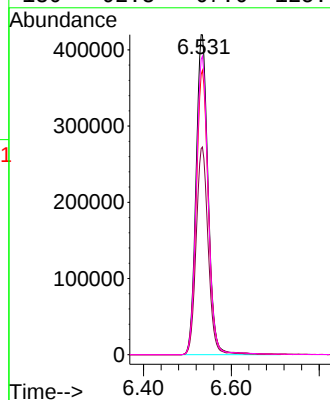
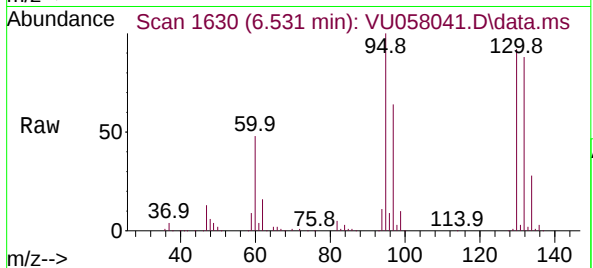
Ion Ratio Lower Upper

95 100

97 64.4 45.3 84.1

132 87.5 63.1 117.1

130 92.3 67.6 125.6



#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058041.D

Acq: 11 Mar 2024 14:28

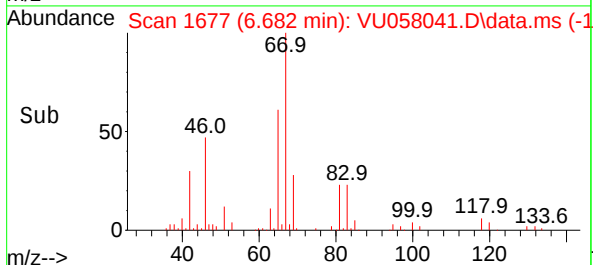
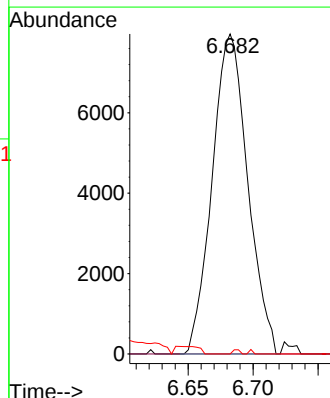
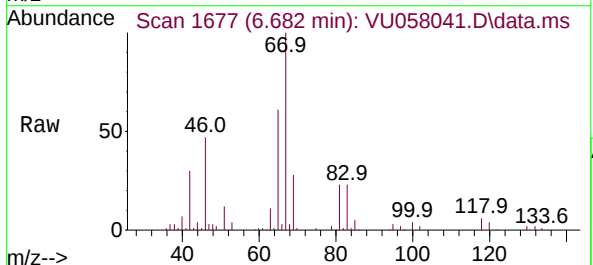
Tgt Ion: 83 Resp: 15162

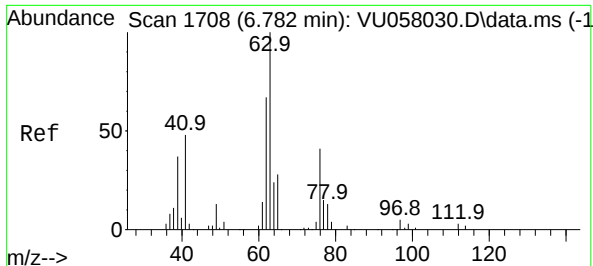
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 0.0 36.2 54.4#

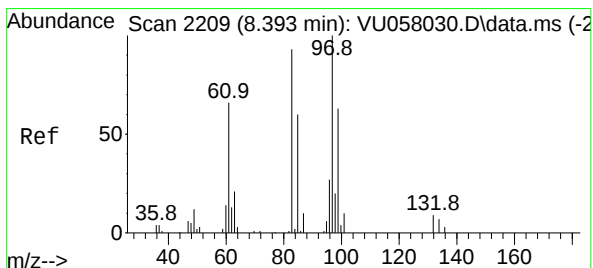
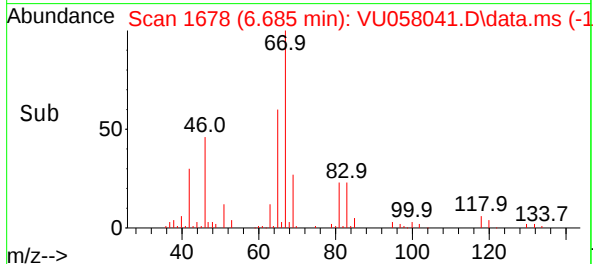
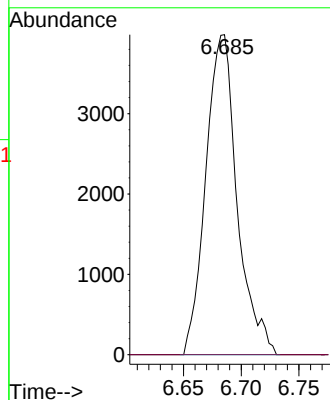
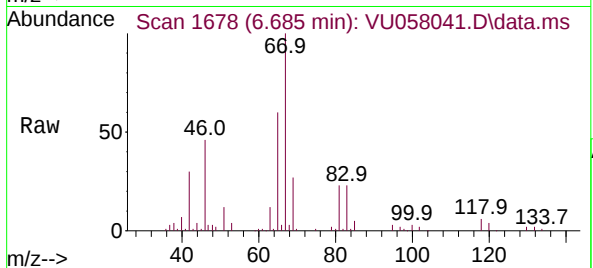




#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058041.D
Acq: 11 Mar 2024 14:28

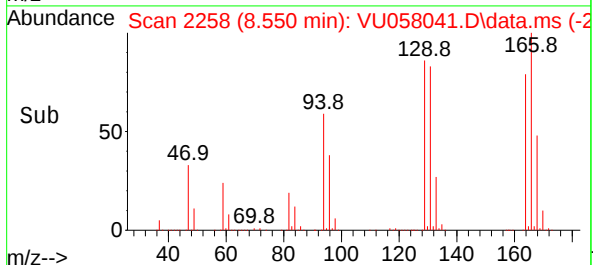
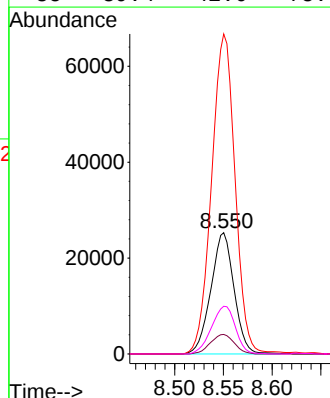
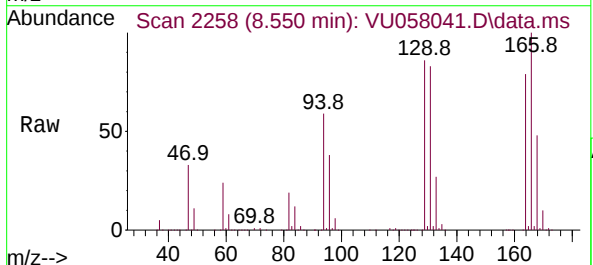
Instrument :
MSVOA_U
ClientSampleId :

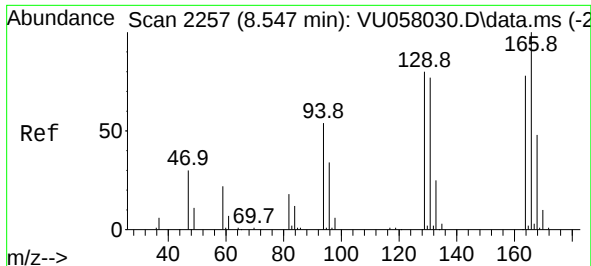
Tgt Ion: 63 Resp: 7546
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#45
1,1,2-Trichloroethane
Concen: 5.575 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.158 min
Lab File: VU058041.D
Acq: 11 Mar 2024 14:28

Tgt Ion: 97 Resp: 41889
Ion Ratio Lower Upper
97 100
99 16.1 44.2 82.2#
83 263.9 64.2 119.2#
85 39.4 42.0 78.0#





#47

Tetrachloroethene

Concen: 454.397 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

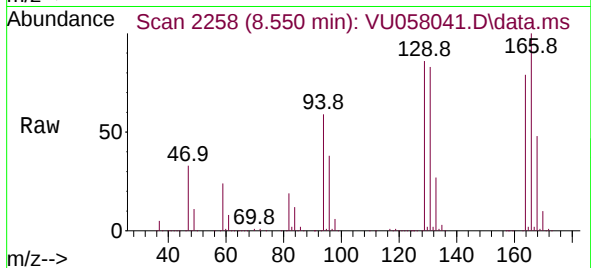
Lab File: VU058041.D

Acq: 11 Mar 2024 14:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4076470

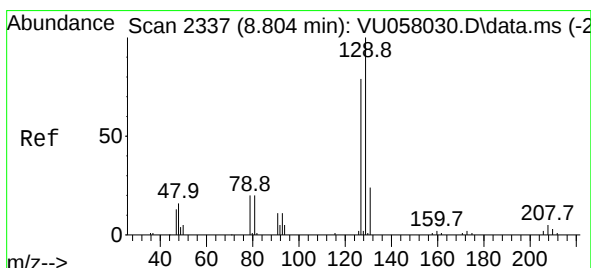
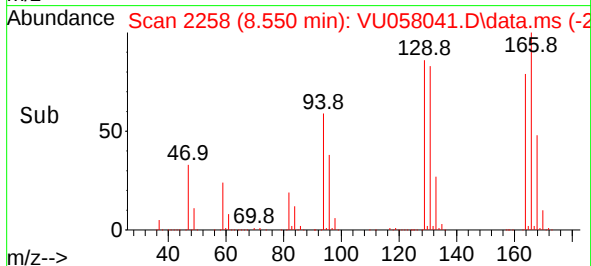
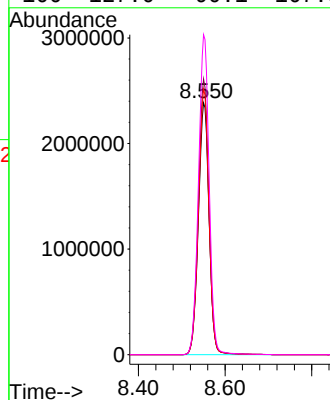
Ion Ratio Lower Upper

164 100

129 109.5 69.3 128.7

131 105.5 69.9 129.9

166 127.0 90.1 167.3



#49

Dibromochloromethane

Concen: 492.506 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU058041.D

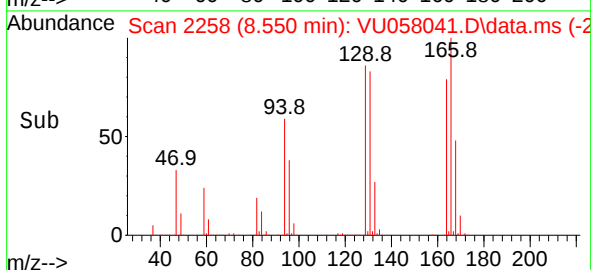
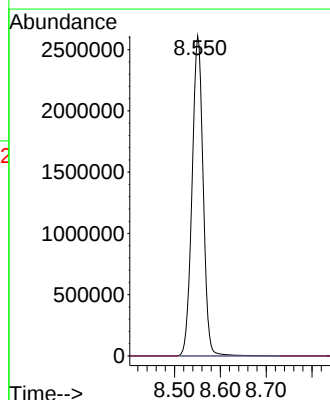
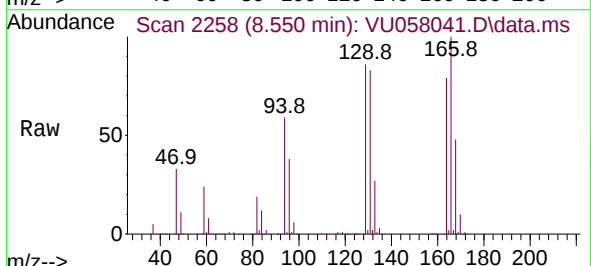
Acq: 11 Mar 2024 14:28

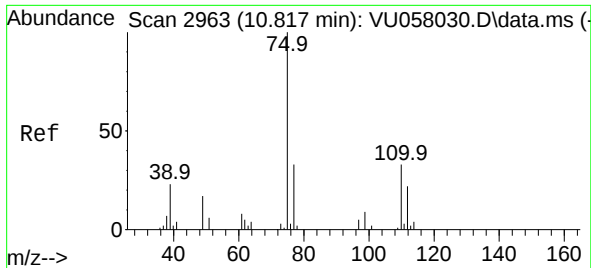
Tgt Ion:129 Resp: 4380558

Ion Ratio Lower Upper

129 100

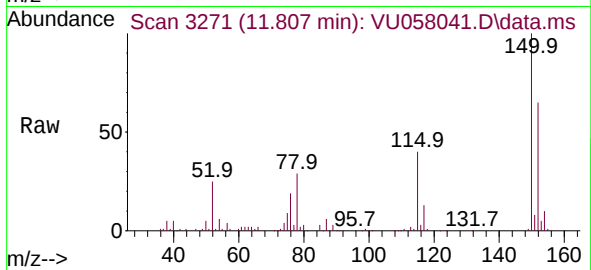
127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.658 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058041.D
 Acq: 11 Mar 2024 14:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10313
 Ion Ratio Lower Upper
 75 100
 110 2.4 28.0 42.0#
 77 31.1 24.7 37.1

