

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058040.D
 Acq On : 11 Mar 2024 14:04
 Operator : MD/SY
 Sample : P1715-05 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:08:51 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)

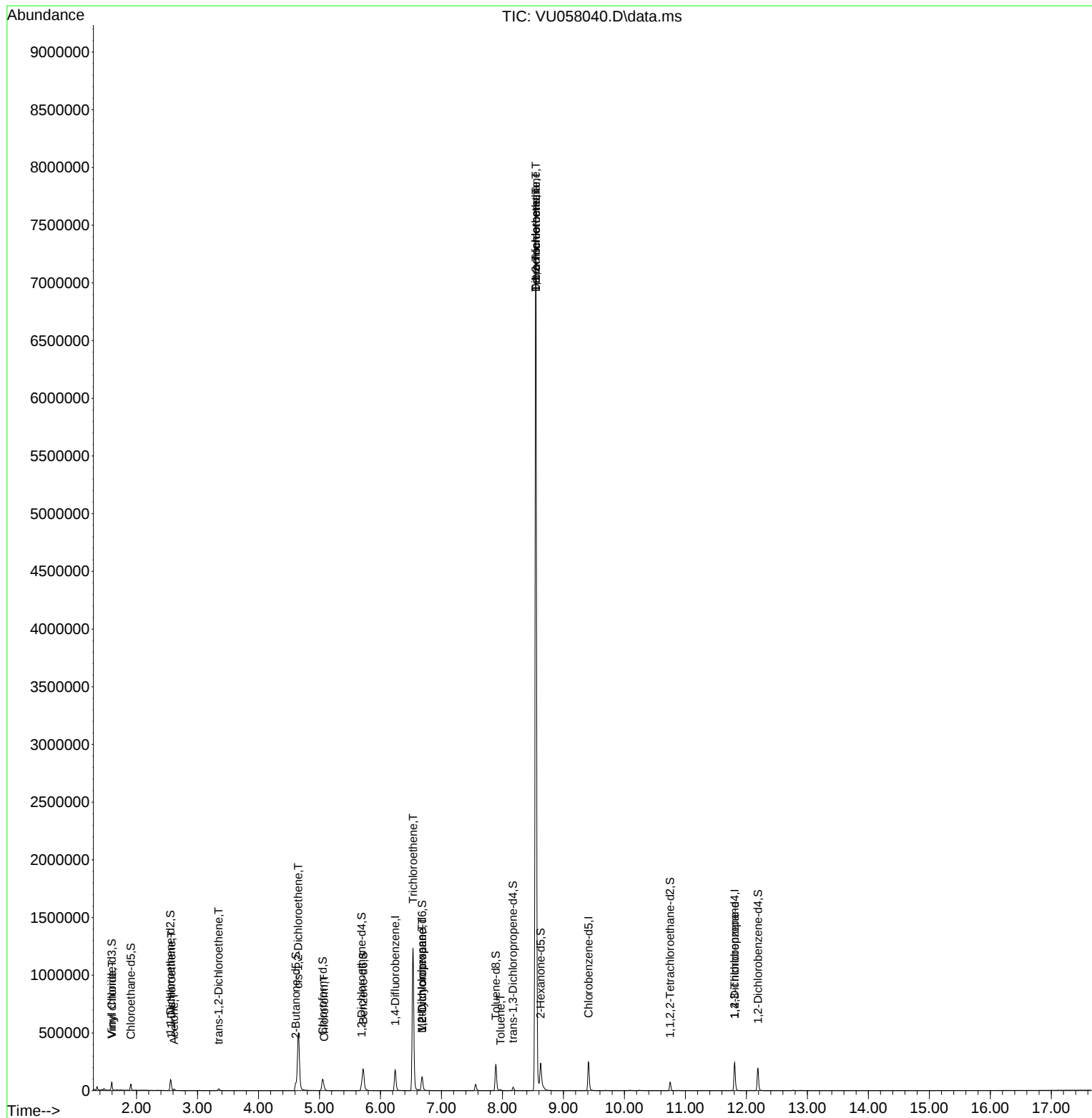
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143749	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	39837	3.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.907	69	36576	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.557	65	18777	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.611	46	94112	55.227	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.460%
24) Chloroform-d	5.052	84	90636	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.692	65	44862	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.717	84	180165	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	58709	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	154449	4.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	18553	4.416	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.624	63	82430	58.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38044	5.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	51321	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	6112	0.558	ug/L	90
12) 1,1-Dichloroethene	2.570	96	3004	0.346	ug/L #	1
13) Acetone	2.615	43	16592	13.083	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	7058	0.747	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	258401	24.864	ug/L	99
25) Chloroform	5.078	83	12871	0.669	ug/L	100
34) Trichloroethene	6.534	95	431894	38.788	ug/L	98
35) Methylcyclohexane	6.679	83	13005	0.762	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6110	0.560	ug/L #	89
42) Toluene	7.968	91	5039	0.114	ug/L	99
45) 1,1,2-Trichloroethane	8.547	97	15781	2.439	ug/L #	7
47) Tetrachloroethene	8.547	164	1552914	201.020	ug/L	97
49) Dibromochloromethane	8.547	129	1628851	212.670	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	8521	1.648	ug/L #	67

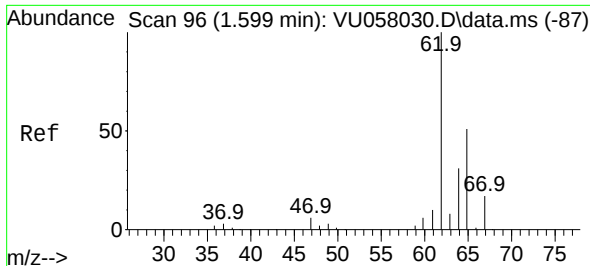
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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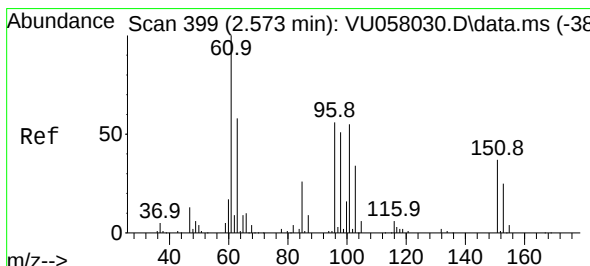
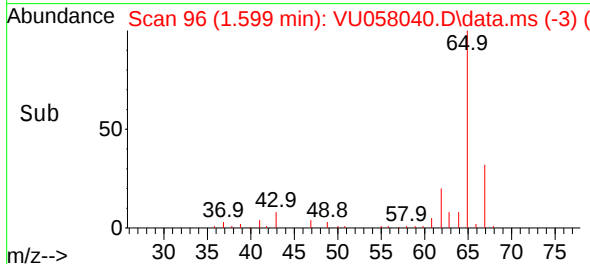
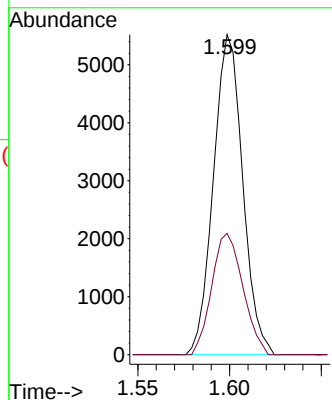
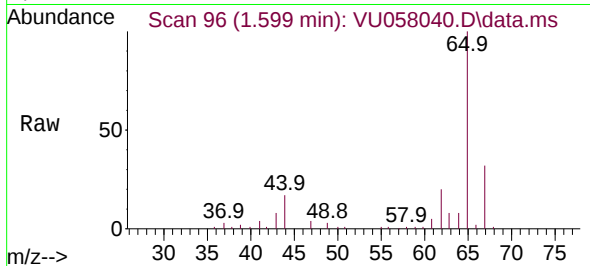




#5
 Vinyl chloride
 Concen: 0.558 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058040.D
 Acq: 11 Mar 2024 14:04

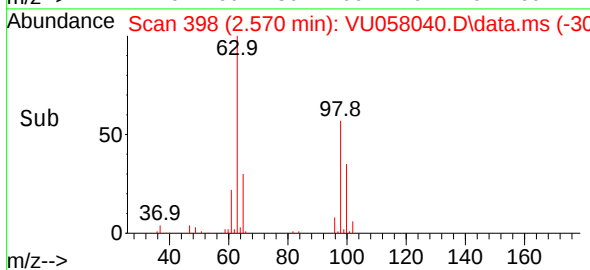
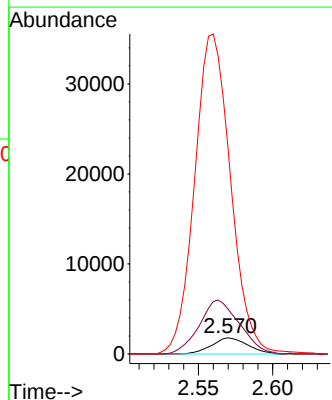
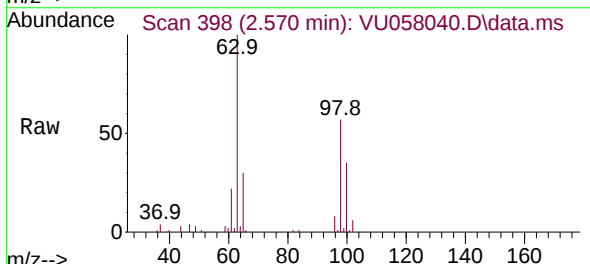
Instrument :
 MSVOA_U
 ClientSampleId :

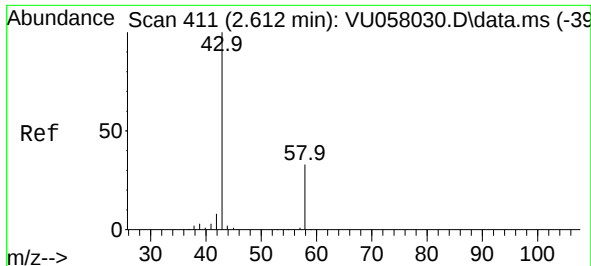
Tgt Ion: 62 Resp: 6112
 Ion Ratio Lower Upper
 62 100
 64 37.9 22.5 41.7



#12
 1,1-Dichloroethene
 Concen: 0.346 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058040.D
 Acq: 11 Mar 2024 14:04

Tgt Ion: 96 Resp: 3004
 Ion Ratio Lower Upper
 96 100
 61 279.7 131.8 244.8#
 63 1291.1 98.1 182.1#





#13

Acetone

Concen: 13.083 ug/L

RT: 2.615 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU058040.D

Acq: 11 Mar 2024 14:04

Instrument :

MSVOA_U

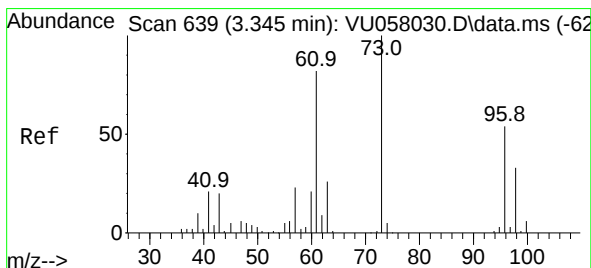
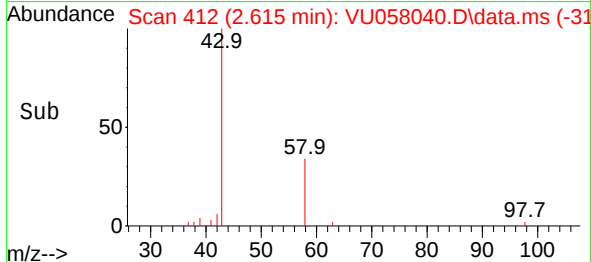
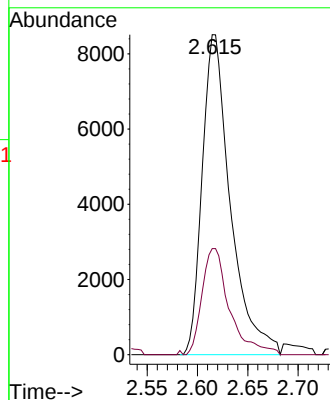
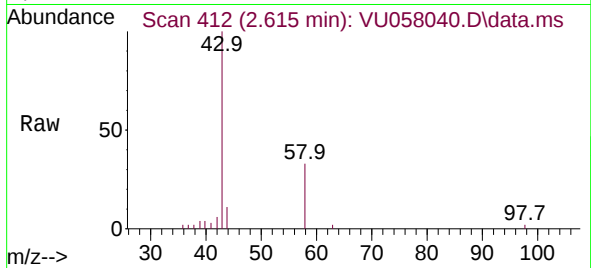
ClientSampleId :

Tgt Ion: 43 Resp: 16592

Ion Ratio Lower Upper

43 100

58 32.3 0.0 63.6



#18

trans-1,2-Dichloroethene

Concen: 0.747 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058040.D

Acq: 11 Mar 2024 14:04

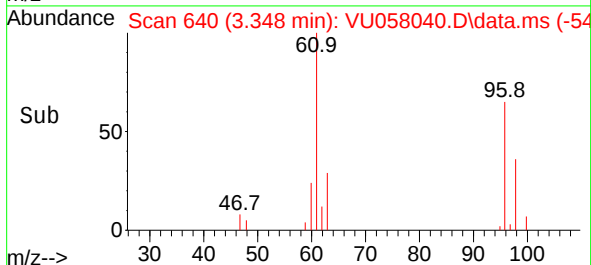
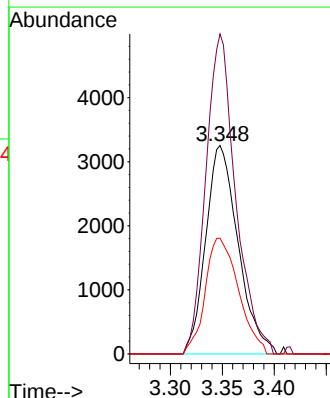
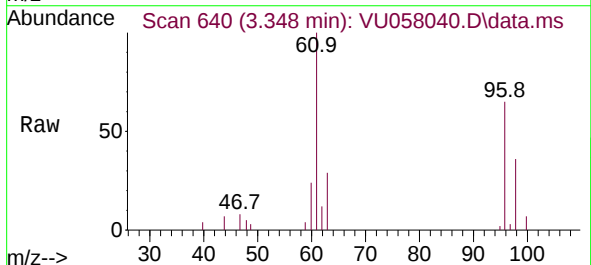
Tgt Ion: 96 Resp: 7058

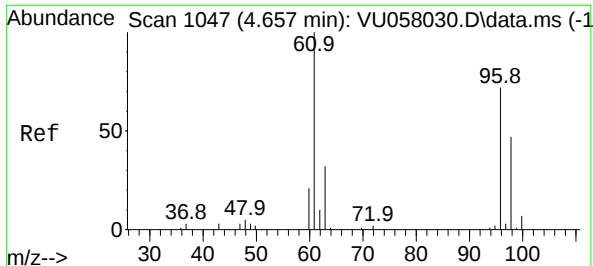
Ion Ratio Lower Upper

96 100

61 153.5 107.7 199.9

98 55.6 45.8 85.0

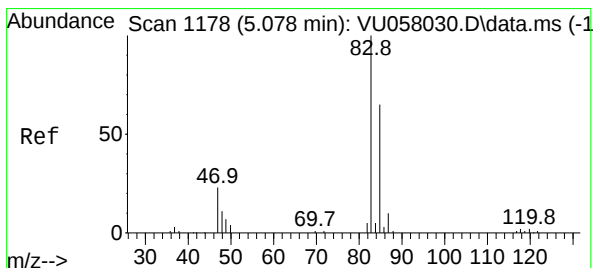
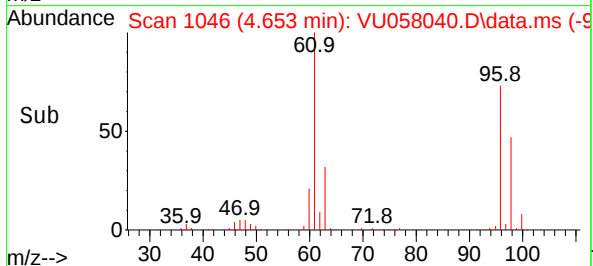
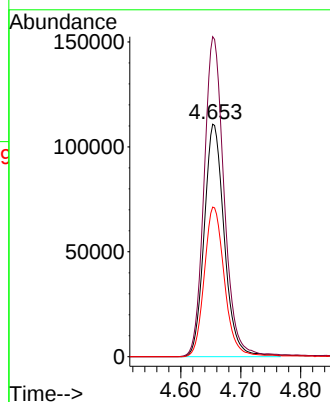
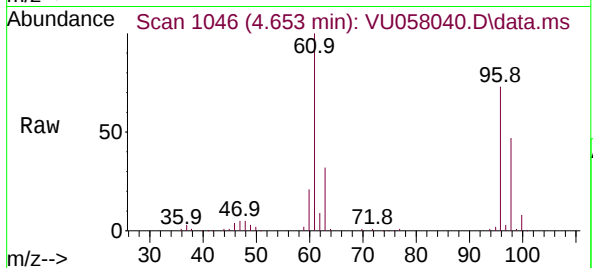




#22
cis-1,2-Dichloroethene
Concen: 24.864 ug/L
RT: 4.653 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU058040.D
Acq: 11 Mar 2024 14:04

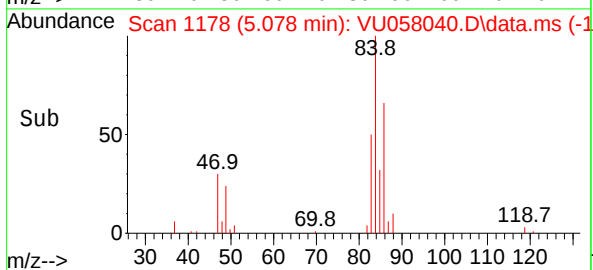
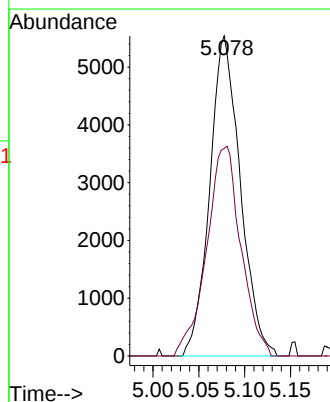
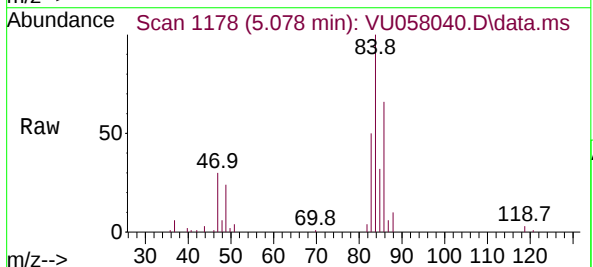
Instrument :
MSVOA_U
ClientSampleId :

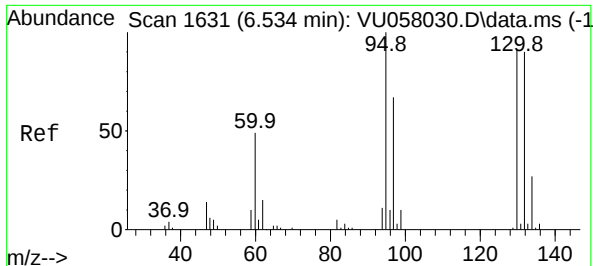
Tgt Ion: 96 Resp: 258401
Ion Ratio Lower Upper
96 100
61 137.7 97.2 180.4
98 64.4 45.5 84.5



#25
Chloroform
Concen: 0.669 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058040.D
Acq: 11 Mar 2024 14:04

Tgt Ion: 83 Resp: 12871
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4





#34

Trichloroethene

Concen: 38.788 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058040.D

Acq: 11 Mar 2024 14:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 431894

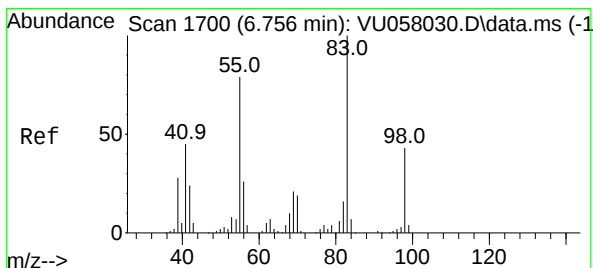
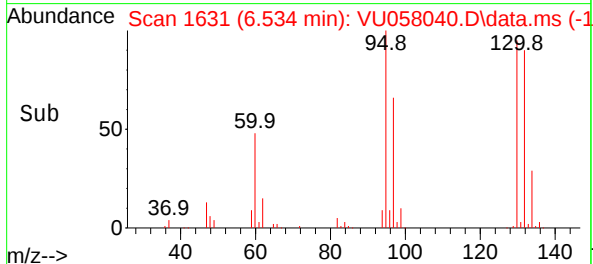
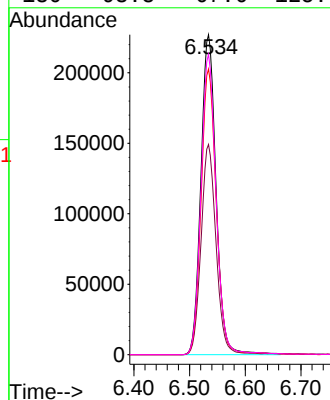
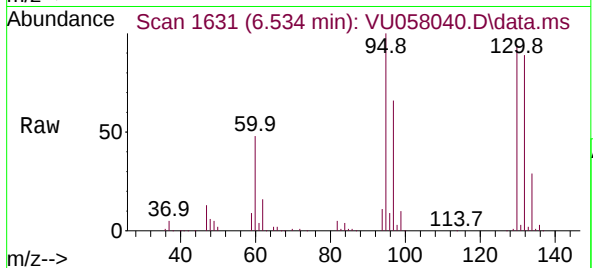
Ion Ratio Lower Upper

95 100

97 65.7 45.3 84.1

132 89.3 63.1 117.1

130 93.8 67.6 125.6



#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.077 min

Lab File: VU058040.D

Acq: 11 Mar 2024 14:04

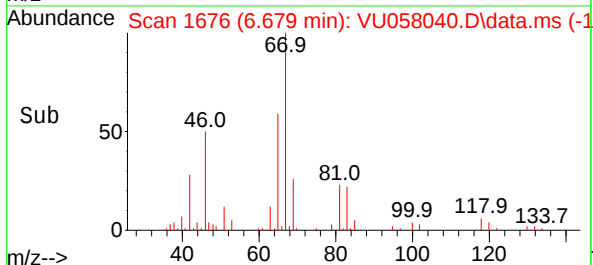
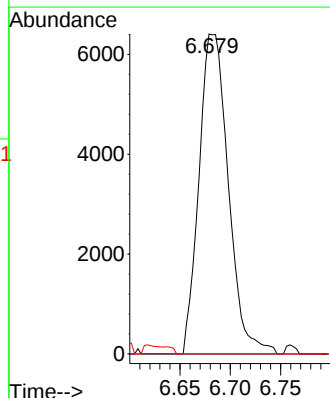
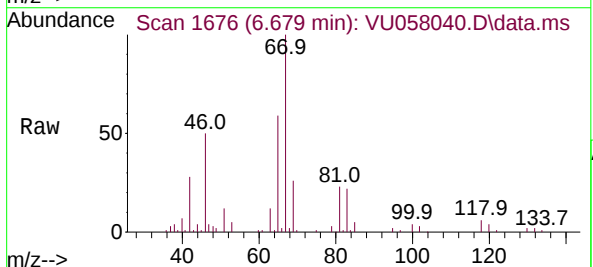
Tgt Ion: 83 Resp: 13005

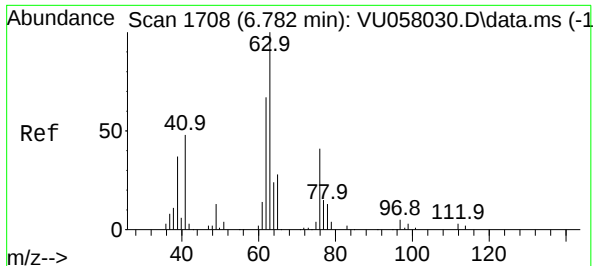
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 0.0 36.2 54.4#

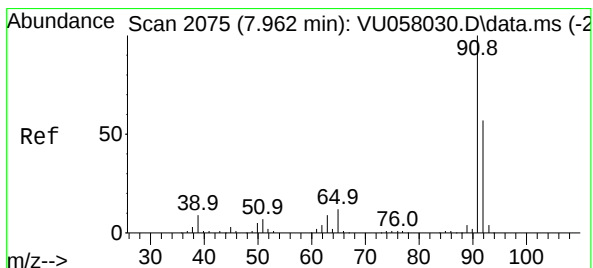
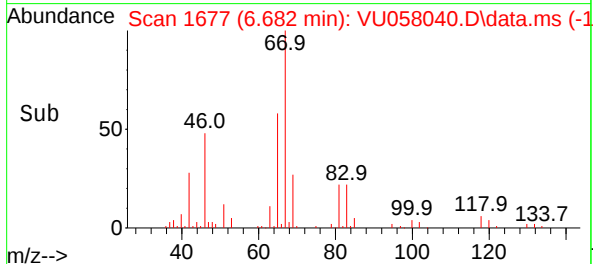
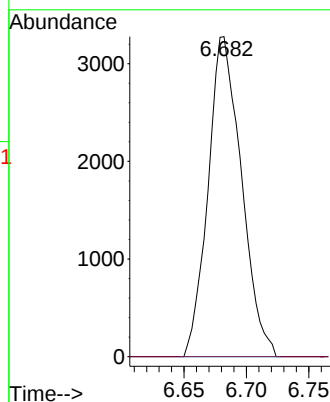
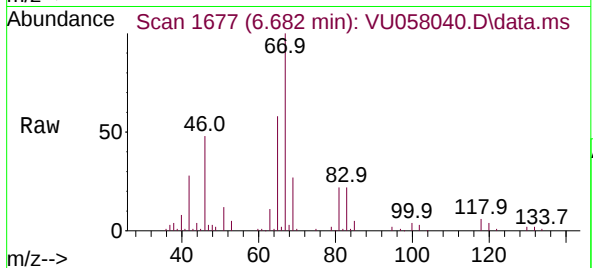




#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058040.D
Acq: 11 Mar 2024 14:04

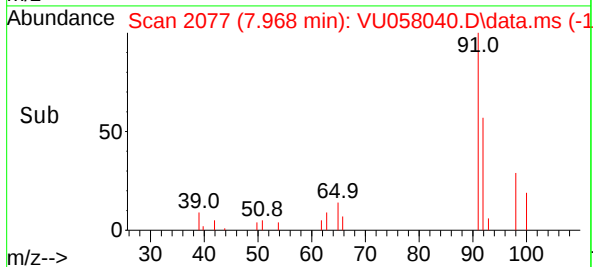
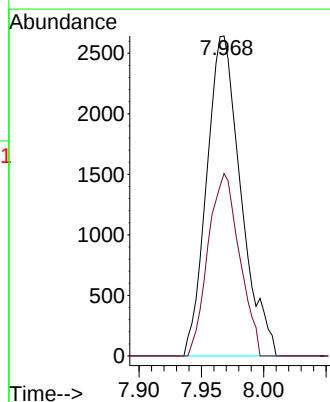
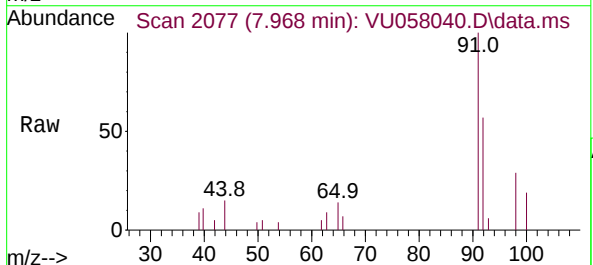
Instrument :
MSVOA_U
ClientSampleId :

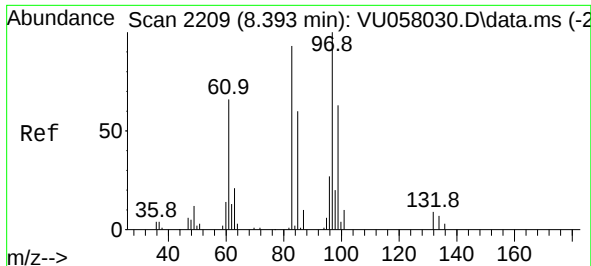
Tgt Ion: 63 Resp: 6110
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#42
Toluene
Concen: 0.114 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU058040.D
Acq: 11 Mar 2024 14:04

Tgt Ion: 91 Resp: 5039
Ion Ratio Lower Upper
91 100
92 57.0 40.2 74.6





#45

1,1,2-Trichloroethane

Concen: 2.439 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU058040.D

Acq: 11 Mar 2024 14:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 15781

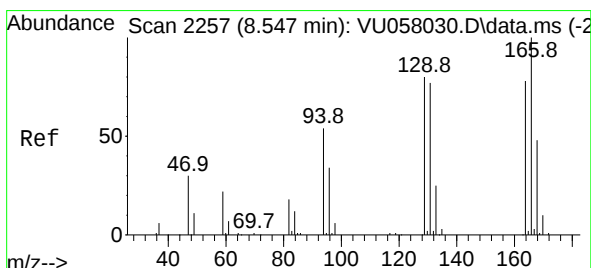
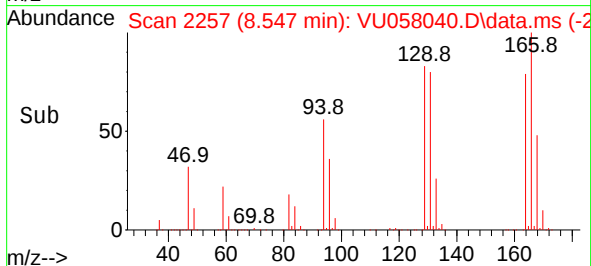
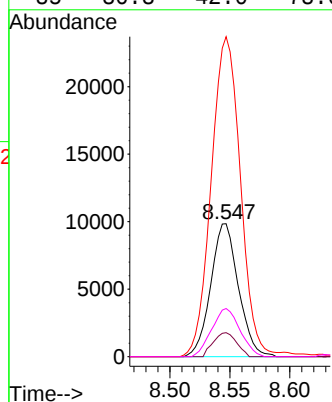
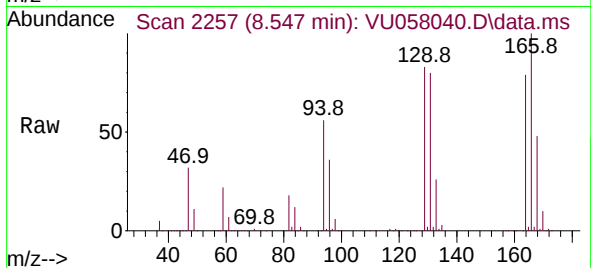
Ion Ratio Lower Upper

97 100

99 18.0 44.2 82.2#

83 240.6 64.2 119.2#

85 36.3 42.0 78.0#



#47

Tetrachloroethene

Concen: 201.020 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058040.D

Acq: 11 Mar 2024 14:04

Tgt Ion:164 Resp: 1552914

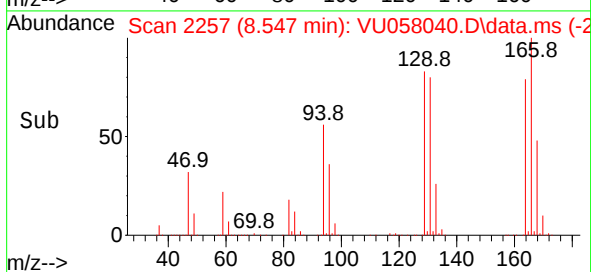
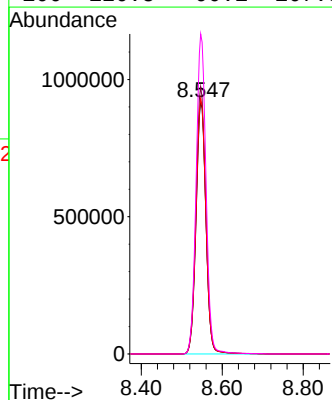
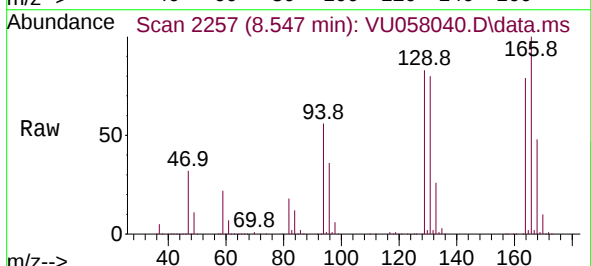
Ion Ratio Lower Upper

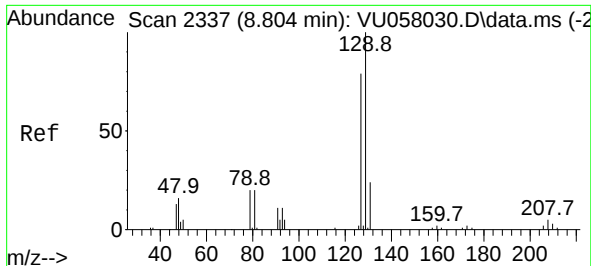
164 100

129 105.9 69.3 128.7

131 101.2 69.9 129.9

166 126.8 90.1 167.3





#49

Dibromochloromethane

Concen: 212.670 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU058040.D

Acq: 11 Mar 2024 14:04

Instrument :

MSVOA_U

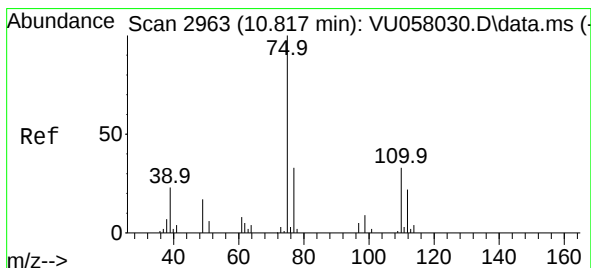
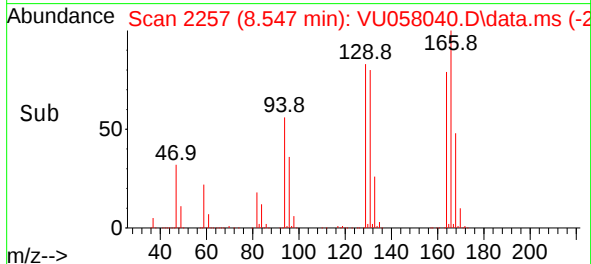
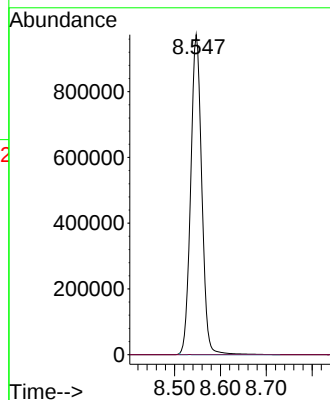
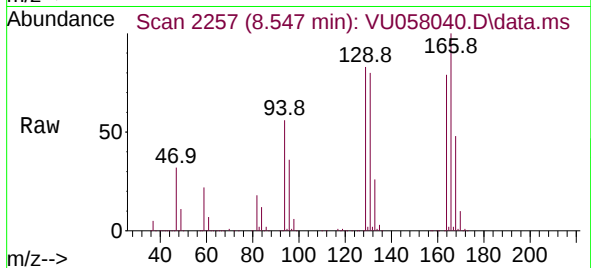
ClientSampleId :

Tgt Ion:129 Resp: 1628851

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.648 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058040.D

Acq: 11 Mar 2024 14:04

Tgt Ion: 75 Resp: 8521

Ion Ratio Lower Upper

75 100

110 1.5 28.0 42.0#

77 33.6 24.7 37.1

