

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 :
 BGQN6

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

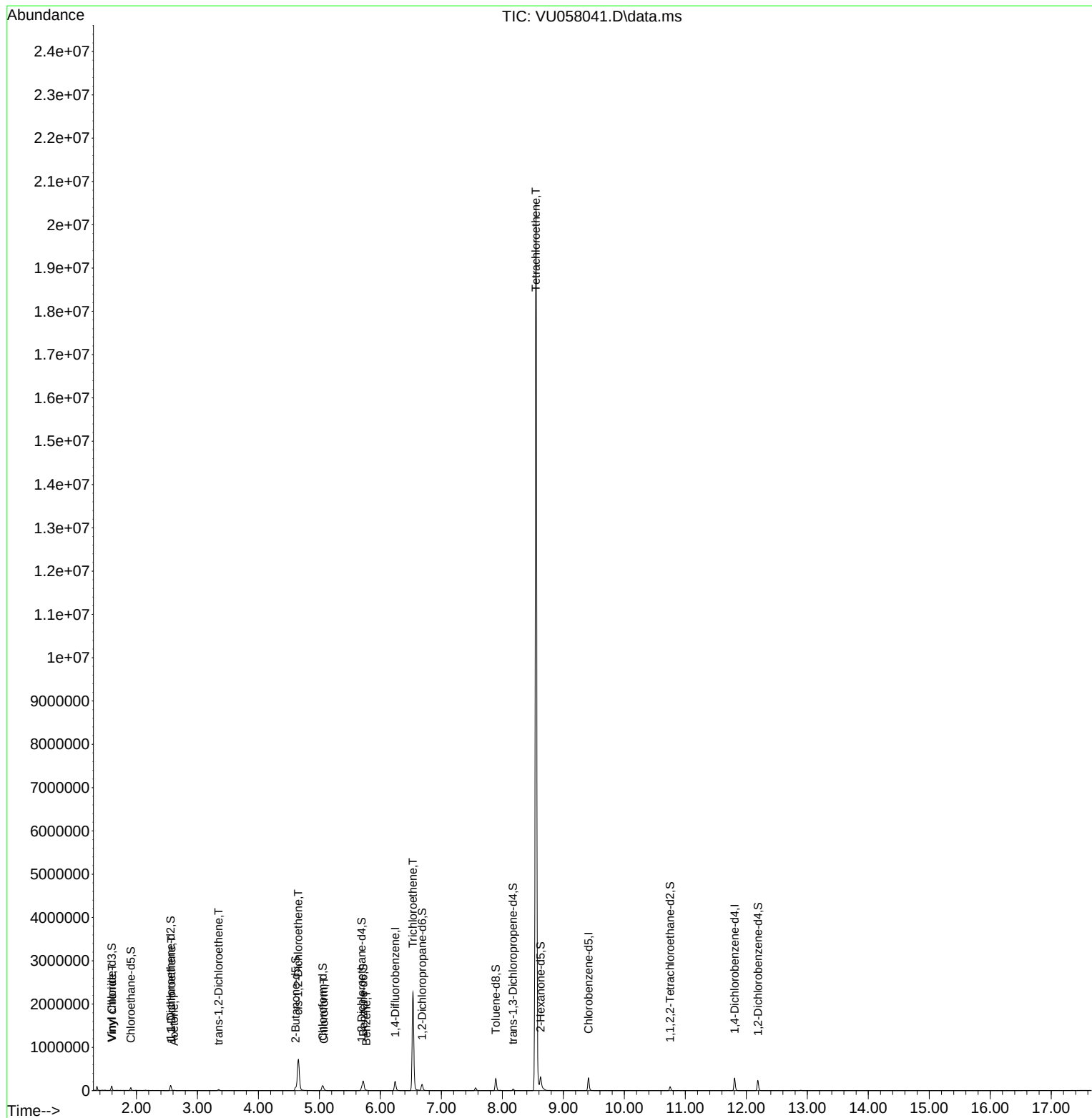
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	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						
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
47) Tetrachloroethene	8.550	164	4076470	454.397	ug/L	95

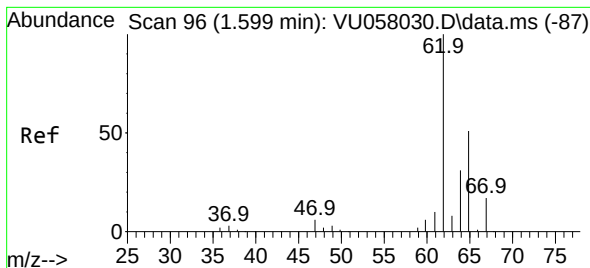
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Mar 12 03:05:49 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.767 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058041.D

Acq: 11 Mar 2024 14:28

Instrument :

MSVOA_U

ClientSampleId :

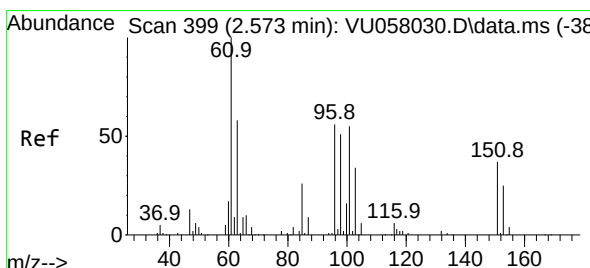
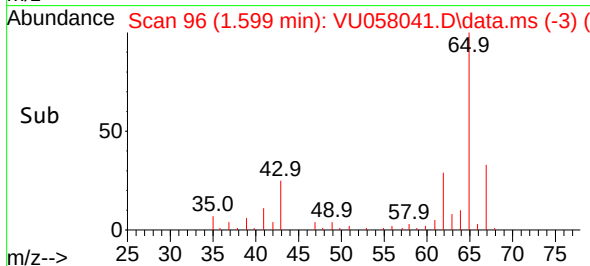
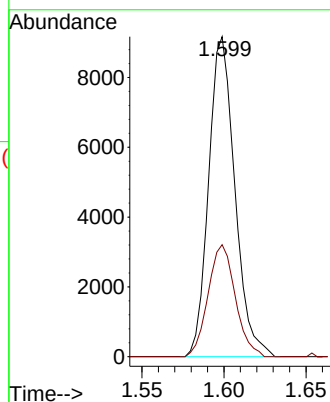
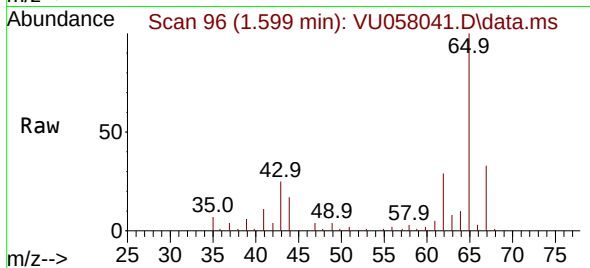
BGQN6

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

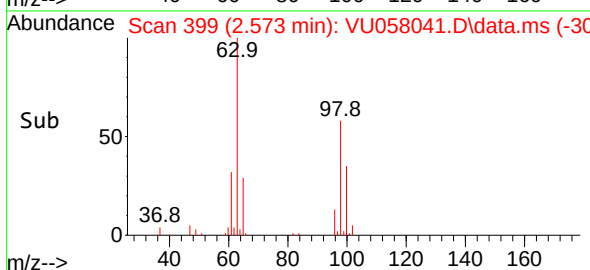
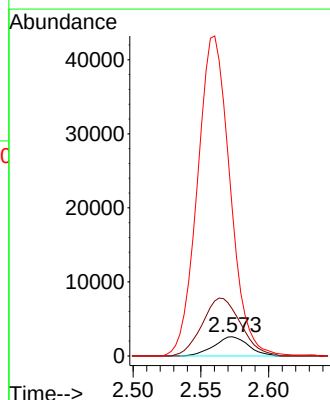
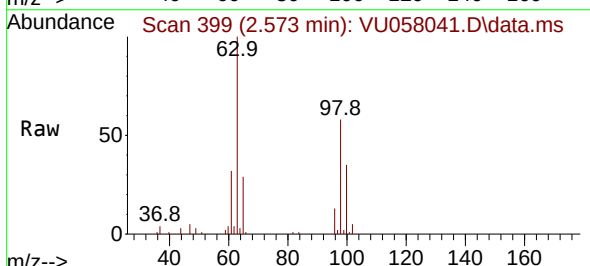
Tgt Ion: 96 Resp: 4562

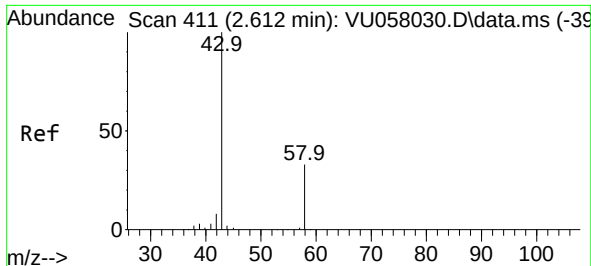
Ion Ratio Lower Upper

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# 41

Delta R.T. 0.003 min

Lab File: VU058041.D

Acq: 11 Mar 2024 14:28

Instrument :

MSVOA_U

ClientSampleId :

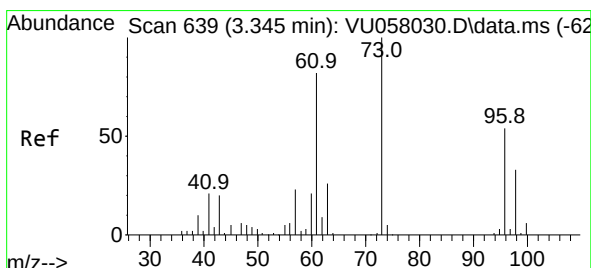
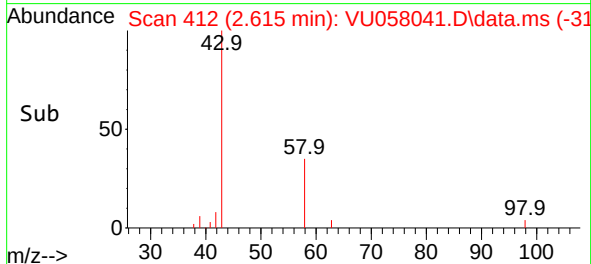
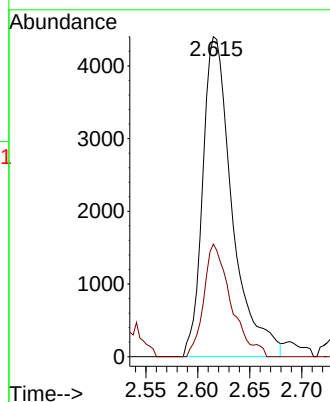
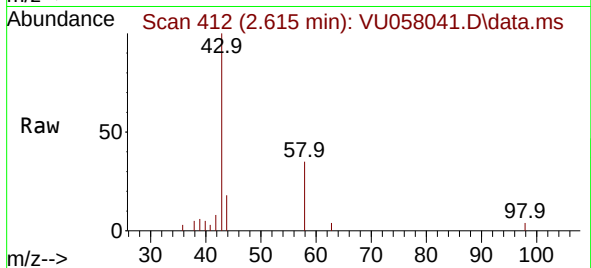
BGQN6

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

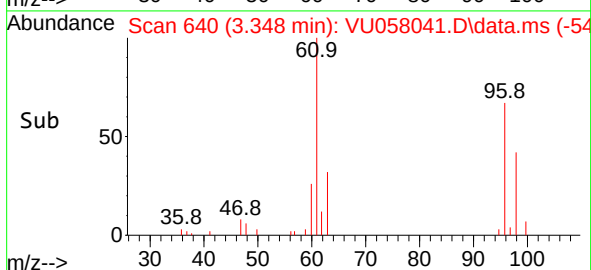
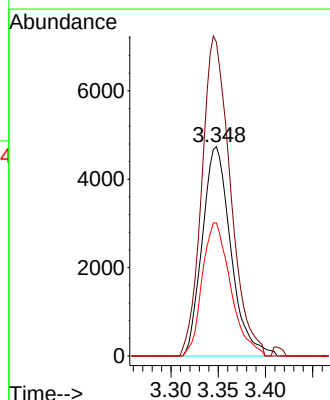
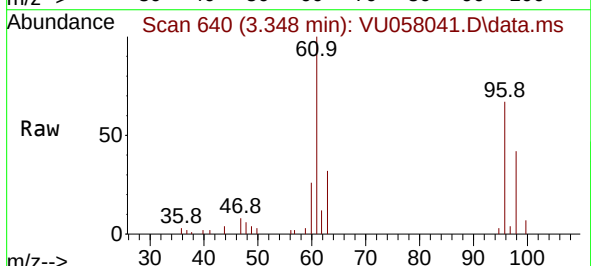
Tgt Ion: 96 Resp: 9943

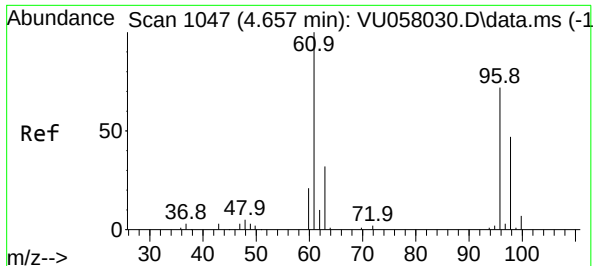
Ion Ratio Lower Upper

96 100

61 150.0 107.7 199.9

98 63.6 45.8 85.0



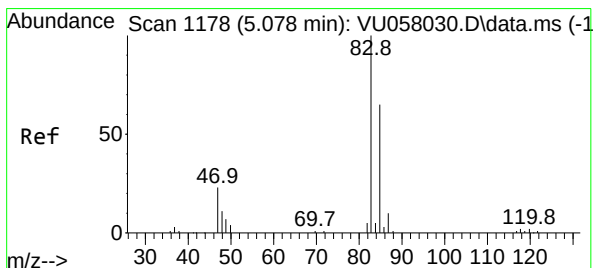
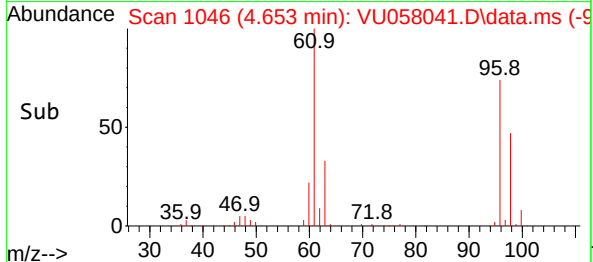
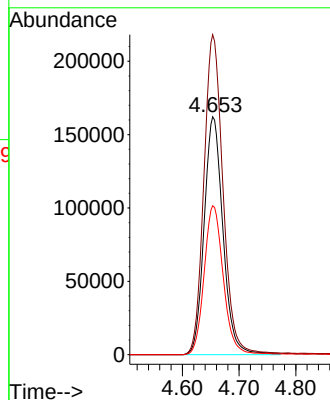
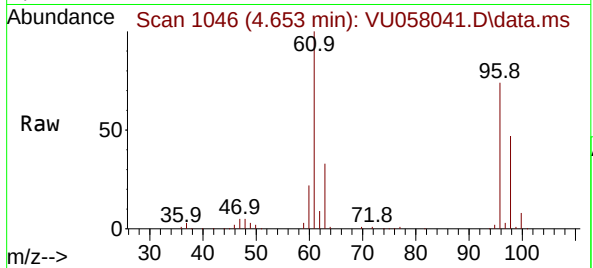


#22
 cis-1,2-Dichloroethene
 Concen: 29.854 ug/L
 RT: 4.653 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU058041.D
 Acq: 11 Mar 2024 14:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BGQN6

Tgt Ion: 96 Resp: 375083

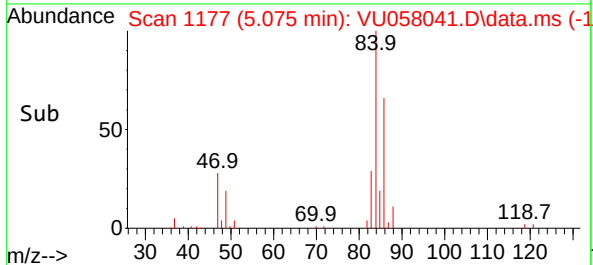
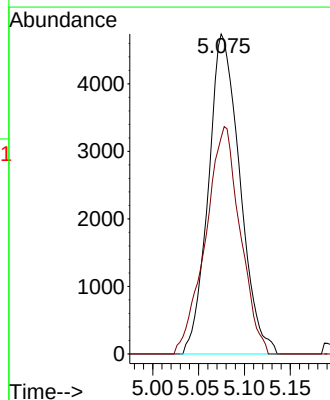
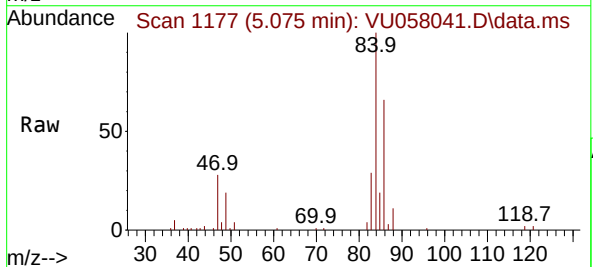
Ion	Ratio	Lower	Upper
96	100		
61	134.5	97.2	180.4
98	62.6	45.5	84.5

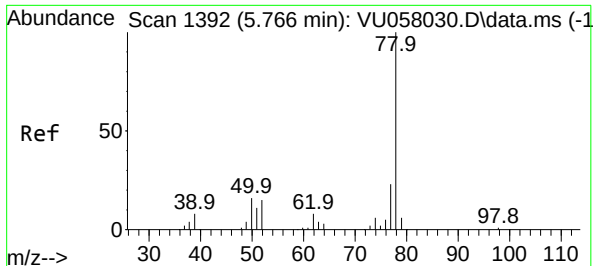


#25
 Chloroform
 Concen: 0.486 ug/L
 RT: 5.075 min Scan# 1177
 Delta R.T. -0.003 min
 Lab File: VU058041.D
 Acq: 11 Mar 2024 14:28

Tgt Ion: 83 Resp: 11298

Ion	Ratio	Lower	Upper
83	100		
85	67.7	45.4	84.4

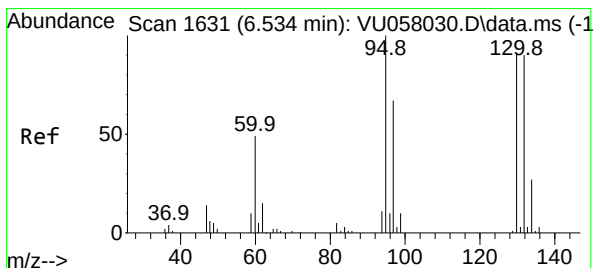
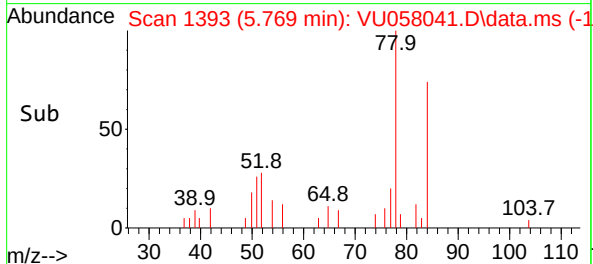
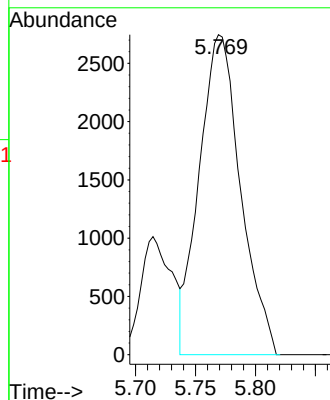
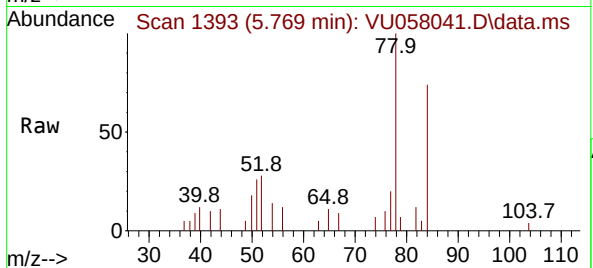




#33
Benzene
Concen: 0.134 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058041.D
Acq: 11 Mar 2024 14:28

Instrument :
MSVOA_U
ClientSampleId :
BGQN6

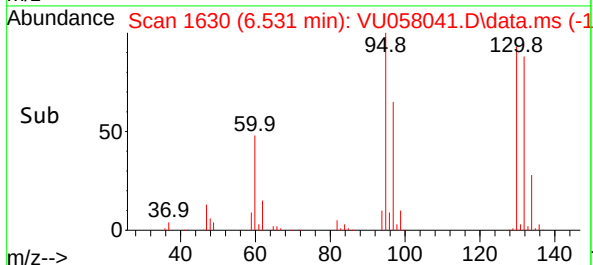
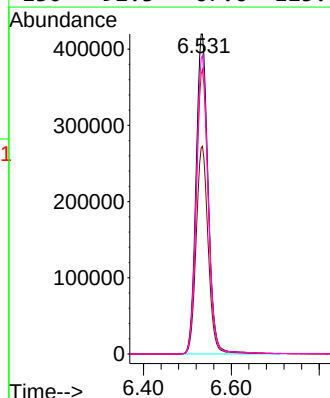
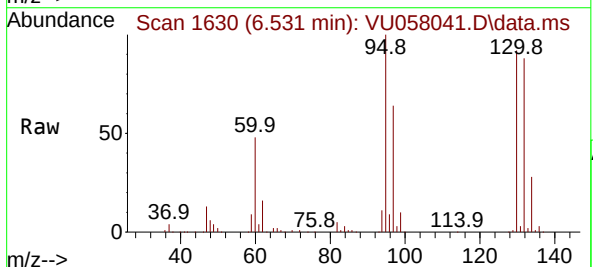
Tgt Ion: 78 Resp: 6586

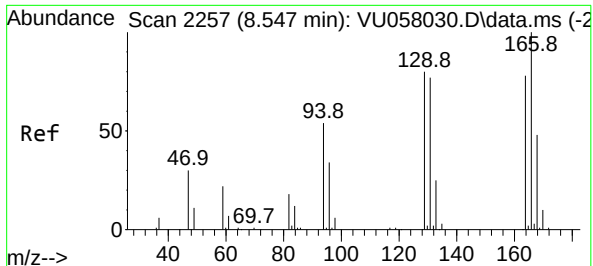


#34
Trichloroethene
Concen: 62.202 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU058041.D
Acq: 11 Mar 2024 14:28

Tgt Ion: 95 Resp: 804317

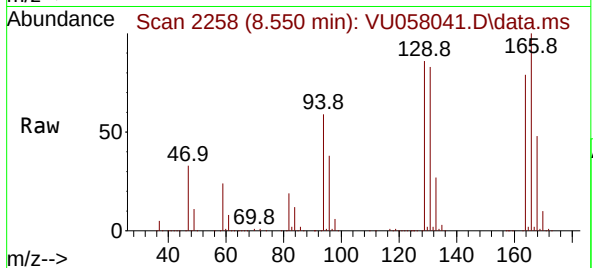
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.3	84.1
132	87.5	63.1	117.1
130	92.3	67.6	125.6





#47
 Tetrachloroethene
 Concen: 454.397 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU058041.D
 Acq: 11 Mar 2024 14:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BGQN6



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

