

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058038.D
 Acq On : 11 Mar 2024 13:18
 Operator : MD/SY
 Sample : P1715-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGQN7

Quant Time: Mar 12 03:08:24 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)

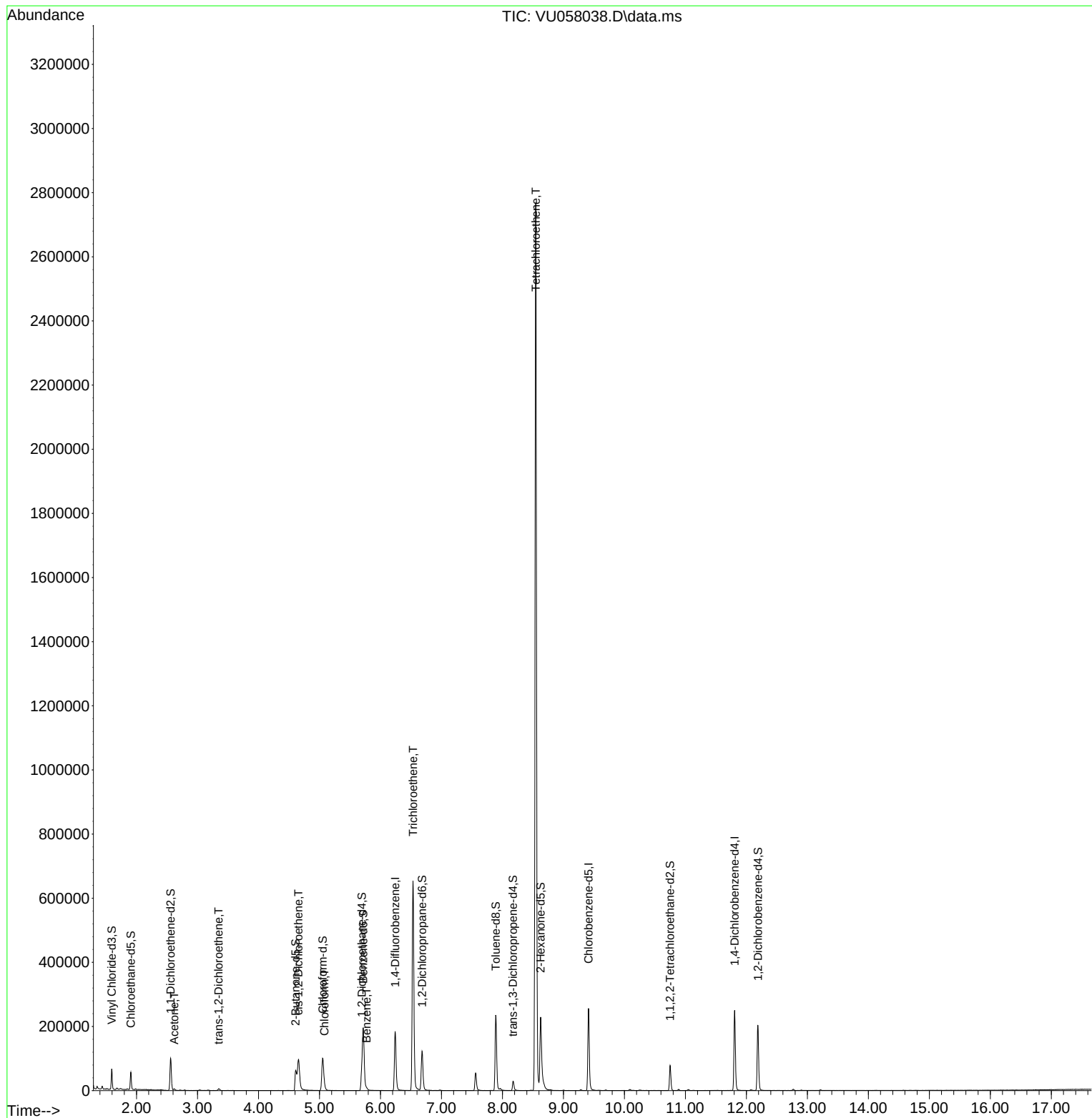
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146850	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	40647	3.847	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.000%	
7) Chloroethane-d5	1.907	69	38927	4.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.560	65	19128	4.184	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.600%	
20) 2-Butanone-d5	4.608	46	97482	55.996	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.000%	
24) Chloroform-d	5.052	84	93366	4.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.695	65	46240	5.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.717	84	185628	4.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.682	67	60098	4.759	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.891	98	160807	4.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	8.174	79	19067	4.391	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.627	63	83381	57.193	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.380%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39224	5.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	53344	4.957	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
						Qvalue
13) Acetone	2.618	43	5613	4.333	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	2618	0.271	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	48161	4.536	ug/L	97
25) Chloroform	5.081	83	10096	0.514	ug/L	90
33) Benzene	5.772	78	6773	0.155	ug/L	100
34) Trichloroethene	6.534	95	232263	20.183	ug/L	98
47) Tetrachloroethene	8.547	164	570409	71.444	ug/L	98

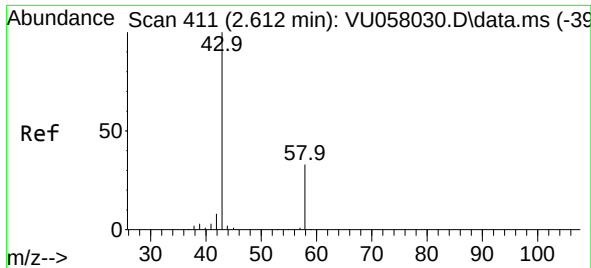
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.333 ug/L

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU058038.D

Acq: 11 Mar 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

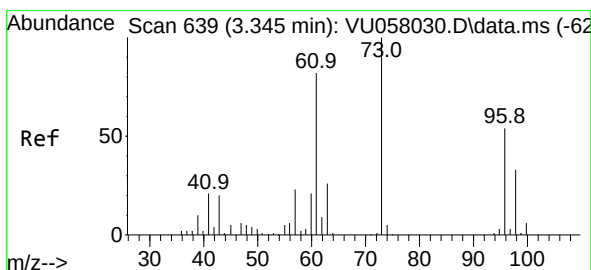
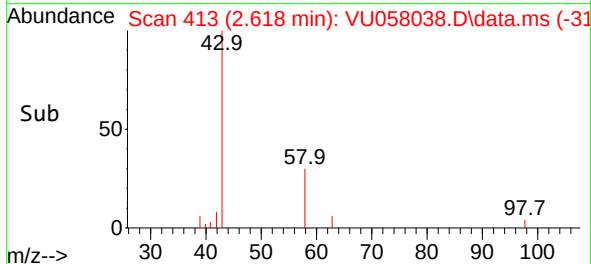
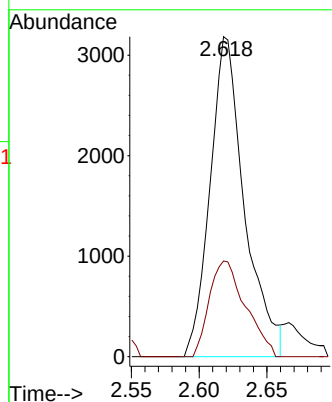
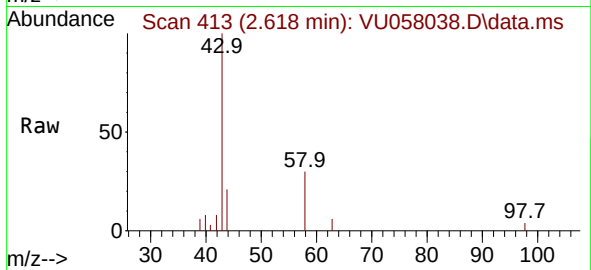
BGQN7

Tgt Ion: 43 Resp: 5613

Ion Ratio Lower Upper

43 100

58 31.5 0.0 63.6



#18

trans-1,2-Dichloroethene

Concen: 0.271 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058038.D

Acq: 11 Mar 2024 13:18

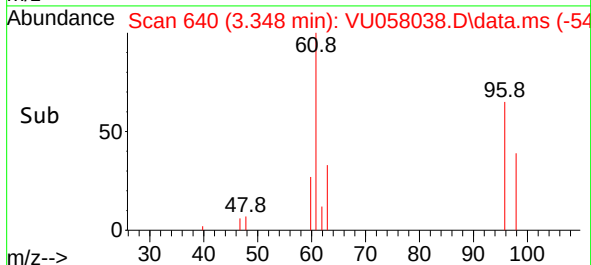
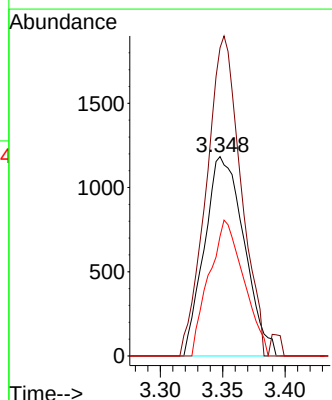
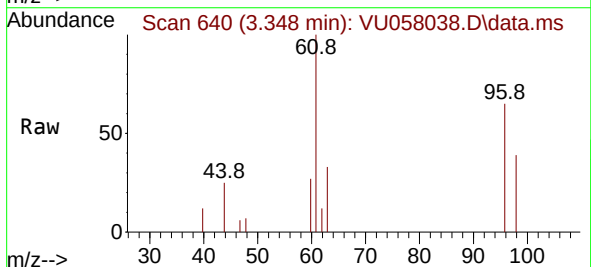
Tgt Ion: 96 Resp: 2618

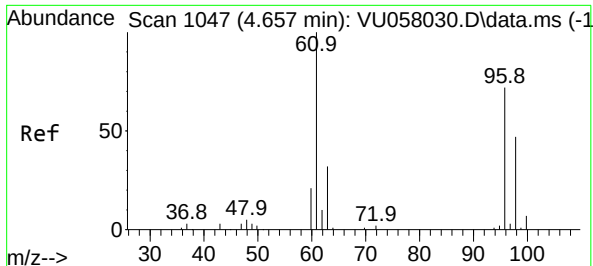
Ion Ratio Lower Upper

96 100

61 154.6 107.7 199.9

98 60.1 45.8 85.0

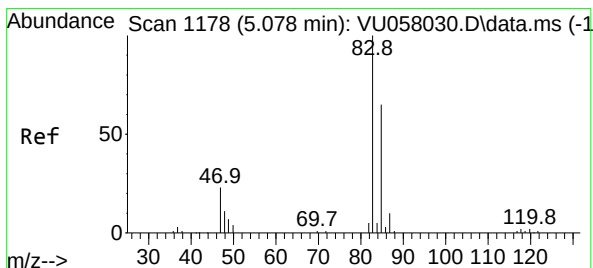
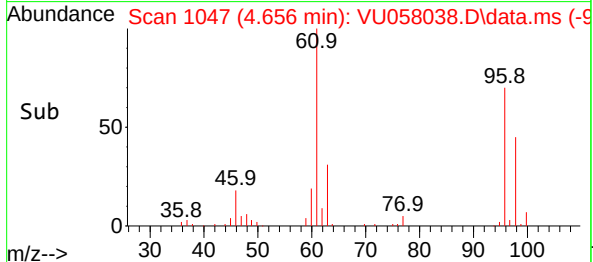
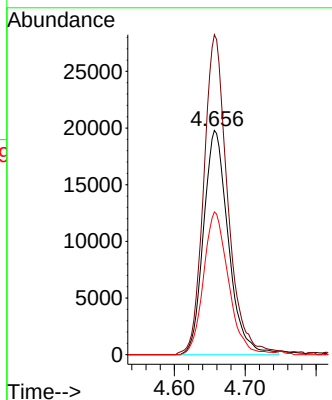
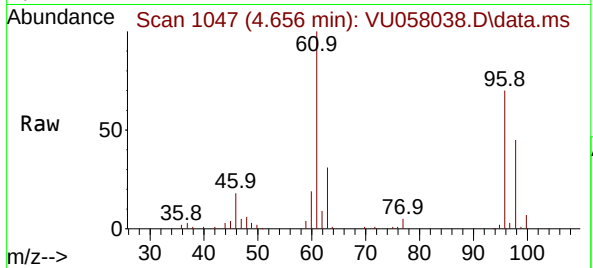




#22
 cis-1,2-Dichloroethene
 Concen: 4.536 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058038.D
 Acq: 11 Mar 2024 13:18

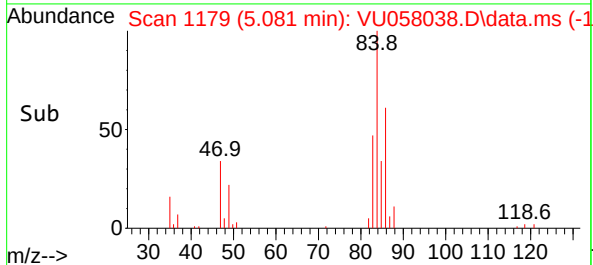
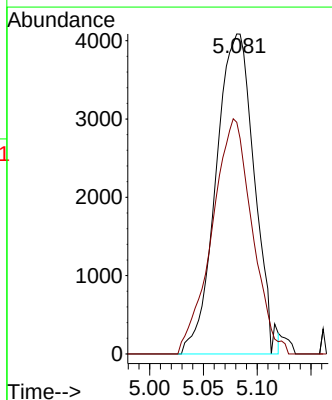
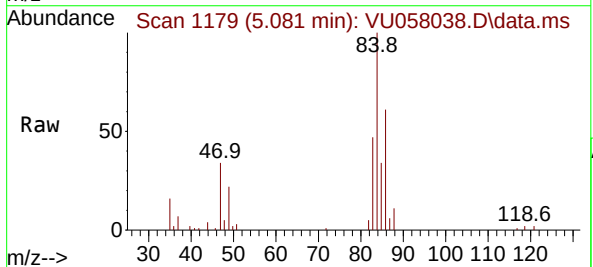
Instrument :
 MSVOA_U
 ClientSampleId :
 BGQN7

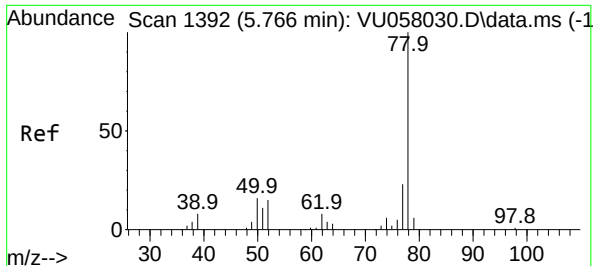
Tgt Ion: 96 Resp: 48161
 Ion Ratio Lower Upper
 96 100
 61 137.1 97.2 180.4
 98 61.2 45.5 84.5



#25
 Chloroform
 Concen: 0.514 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.003 min
 Lab File: VU058038.D
 Acq: 11 Mar 2024 13:18

Tgt Ion: 83 Resp: 10096
 Ion Ratio Lower Upper
 83 100
 85 72.4 45.4 84.4

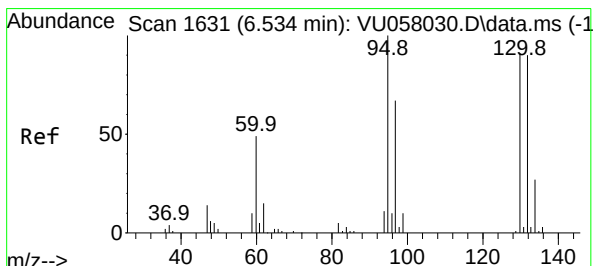
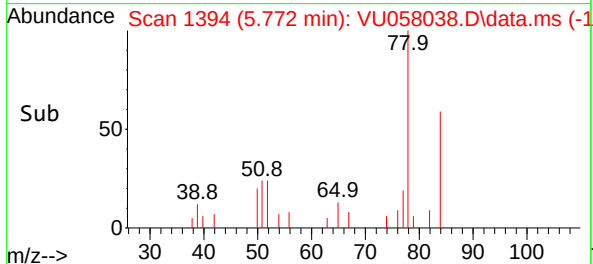
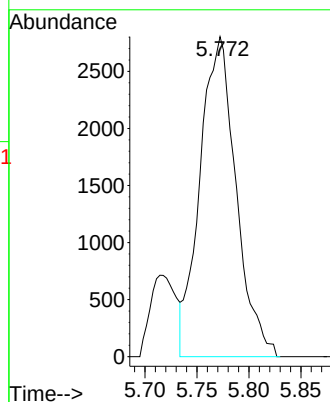
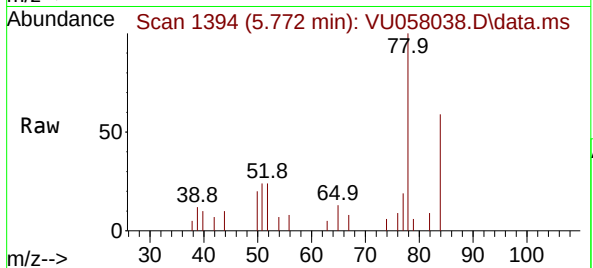




#33
Benzene
Concen: 0.155 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU058038.D
Acq: 11 Mar 2024 13:18

Instrument :
MSVOA_U
ClientSampleId :
BGQN7

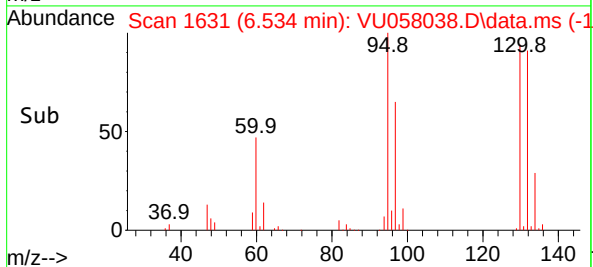
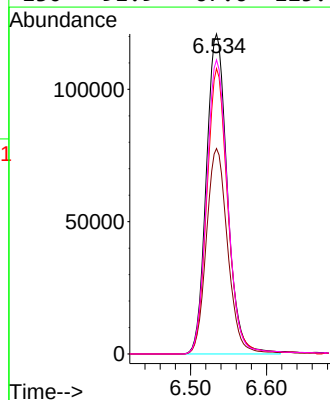
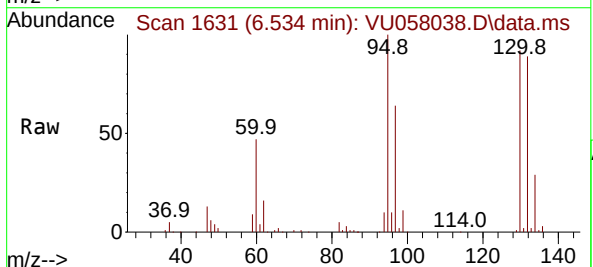
Tgt Ion: 78 Resp: 6773

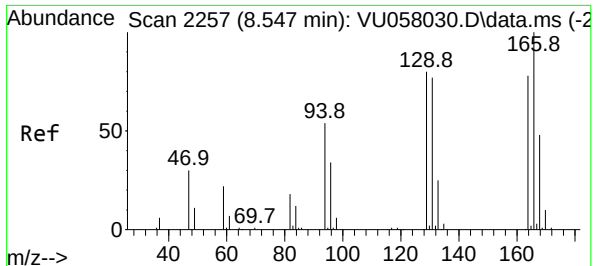


#34
Trichloroethene
Concen: 20.183 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058038.D
Acq: 11 Mar 2024 13:18

Tgt Ion: 95 Resp: 232263

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.3	84.1
132	89.2	63.1	117.1
130	91.9	67.6	125.6





#47
 Tetrachloroethene
 Concen: 71.444 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058038.D
 Acq: 11 Mar 2024 13:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BGQN7

Tgt Ion:164 Resp: 570409

Ion	Ratio	Lower	Upper
164	100		
129	103.3	69.3	128.7
131	99.7	69.9	129.9
166	126.7	90.1	167.3

