

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050154.D
 Acq On : 08 Aug 2022 23:51
 Operator : SY/MD
 Sample : N4070-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL8

Quant Time: Aug 09 05:17:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

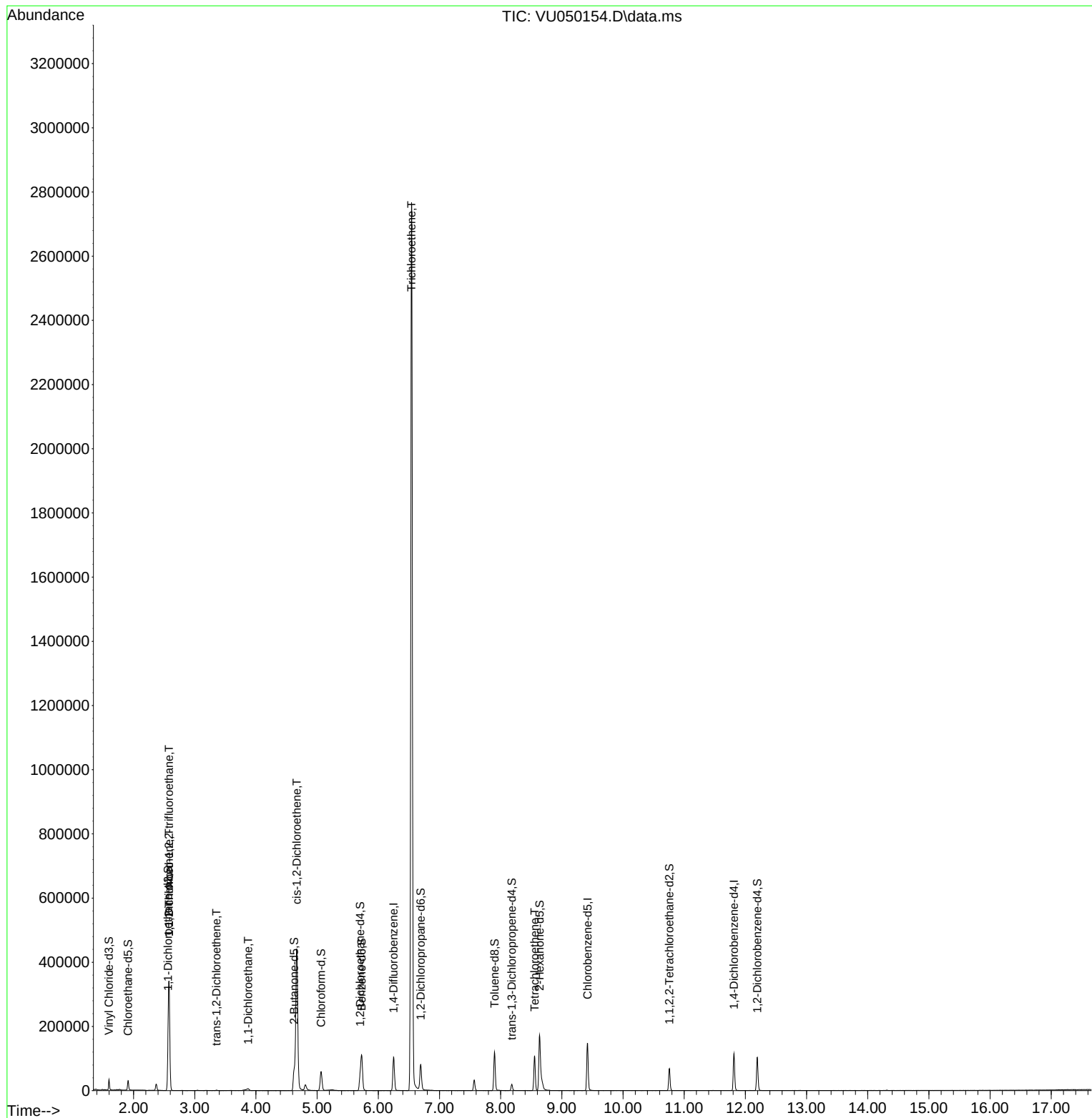
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86359	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	22504	3.131	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.600%	
7) Chloroethane-d5	1.909	69	22122	3.815	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.400%	
11) 1,1-Dichloroethene-d2	2.562	65	9281	3.304	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	4.623	46	93956	53.610	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.220%	
24) Chloroform-d	5.063	84	57204	4.279	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.703	65	31855	4.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.729	84	105885	3.922	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
36) 1,2-Dichloropropane-d6	6.693	67	40390	4.544	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.899	98	83949	3.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.400%	
43) trans-1,3-Dichloroprop...	8.182	79	12325	3.869	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.636	63	56922	50.389	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.780%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36620	4.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	29195	4.581	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	125777	22.253	ug/L	96
12) 1,1-Dichloroethene	2.578	96	4893	0.820	ug/L	# 28
18) trans-1,2-Dichloroethene	3.356	96	713	0.107	ug/L	78
19) 1,1-Dichloroethane	3.874	63	3790	0.299	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	237194	31.973	ug/L	99
34) Trichloroethene	6.542	95	986257	134.548	ug/L	97
47) Tetrachloroethene	8.555	164	24551	4.675	ug/L	97

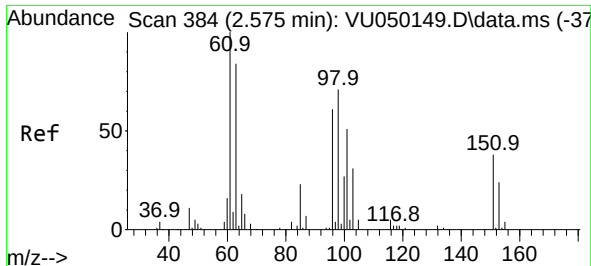
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.253 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050154.D

Acq: 08 Aug 2022 23:51

Instrument :

MSVOA_U

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GBJL8

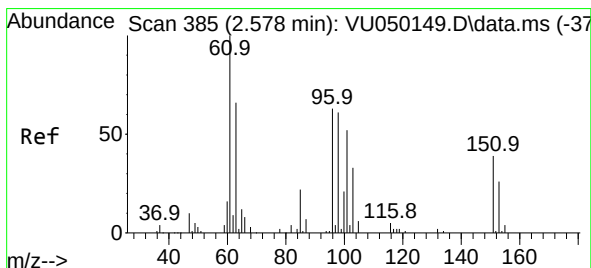
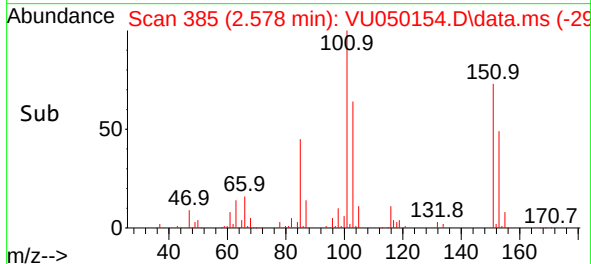
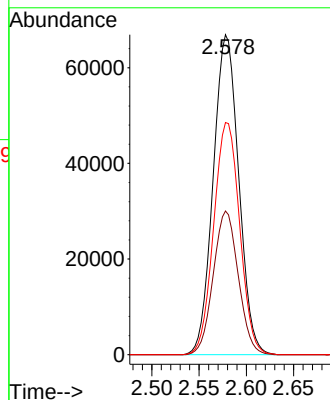
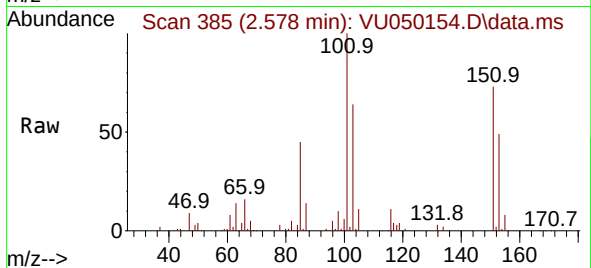
Tgt Ion:101 Resp: 125777

Ion Ratio Lower Upper

101 100

85 44.0 35.6 53.4

151 73.9 55.2 82.8



#12

1,1-Dichloroethene

Concen: 0.820 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050154.D

Acq: 08 Aug 2022 23:51

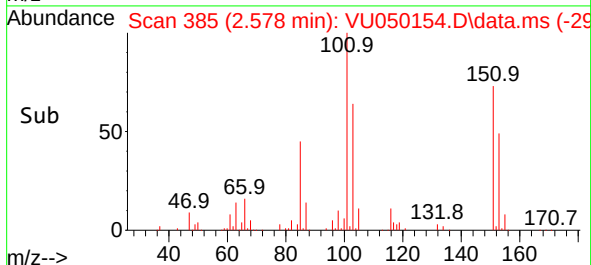
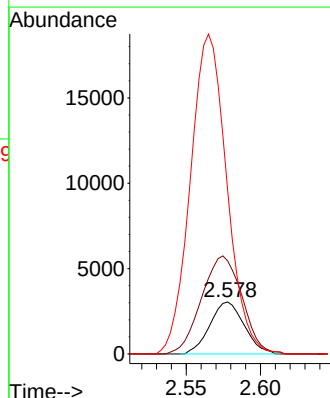
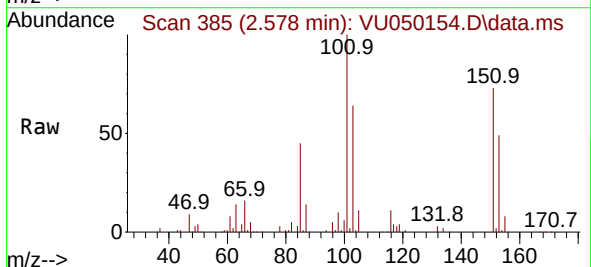
Tgt Ion: 96 Resp: 4893

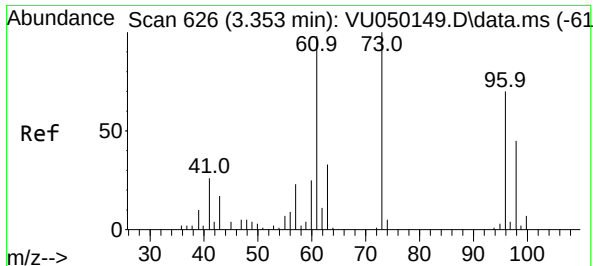
Ion Ratio Lower Upper

96 100

61 179.1 122.7 227.9

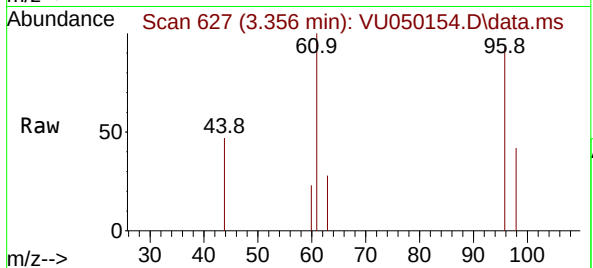
63 313.7 85.1 158.1#



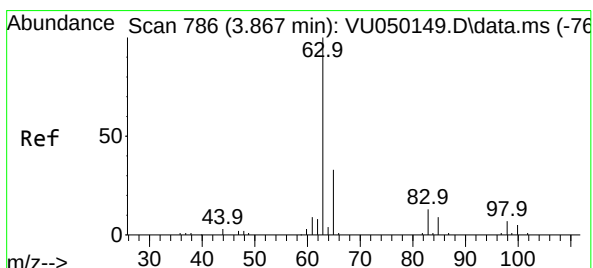
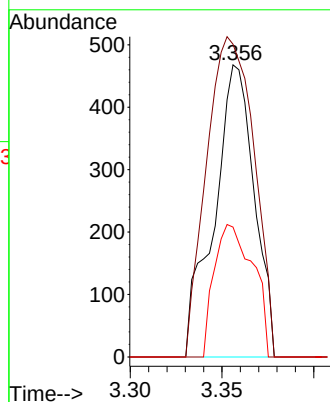
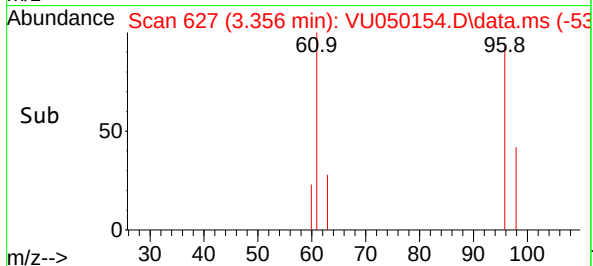


#18
trans-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050154.D
Acq: 08 Aug 2022 23:51

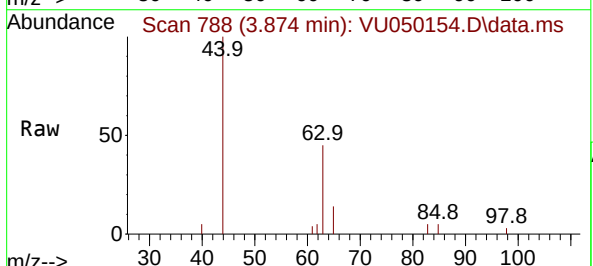
Instrument :
MSVOA_U
ClientSampleId :
GBJL8



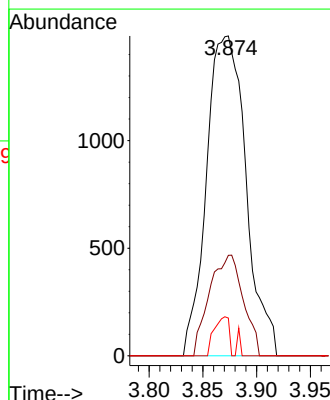
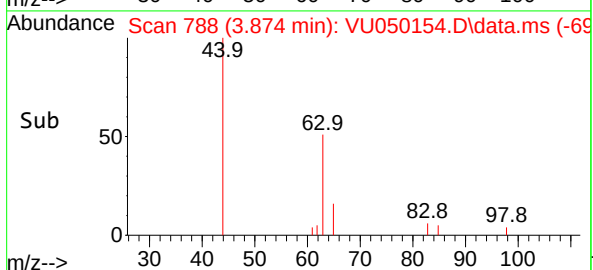
Tgt Ion: 96 Resp: 713
Ion Ratio Lower Upper
96 100
61 107.1 92.3 171.5
98 44.4 43.2 80.2

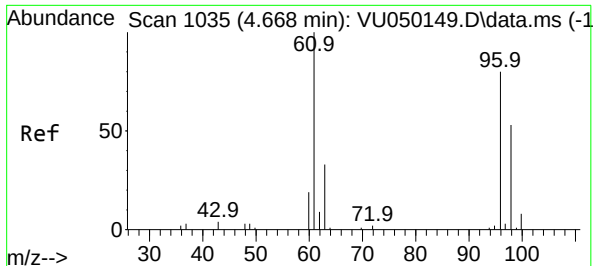


#19
1,1-Dichloroethane
Concen: 0.299 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU050154.D
Acq: 08 Aug 2022 23:51



Tgt Ion: 63 Resp: 3790
Ion Ratio Lower Upper
63 100
65 31.4 22.7 42.3
83 11.8 9.8 18.2



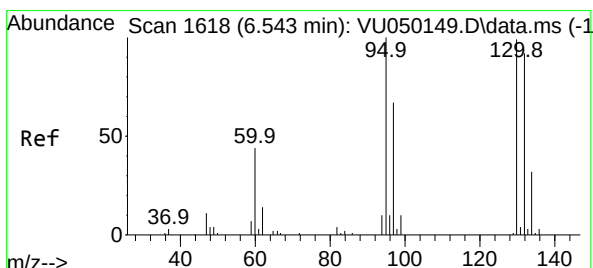
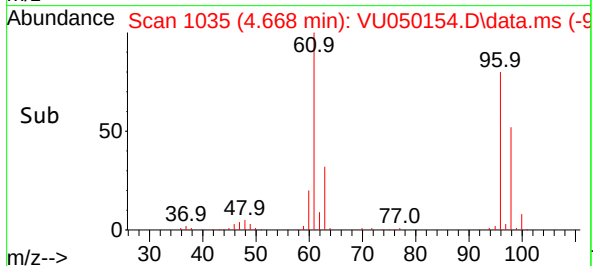
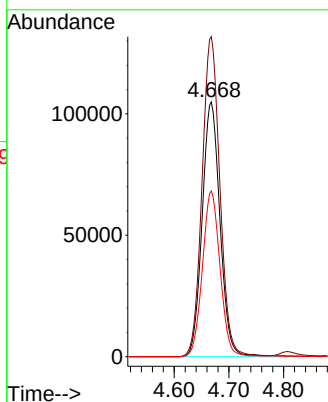
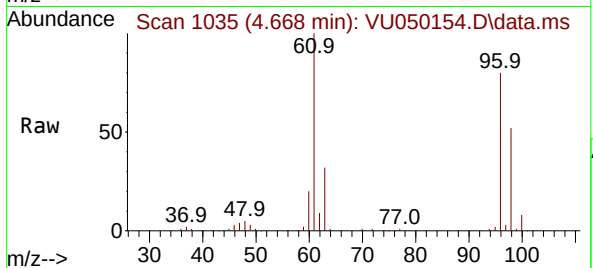


#22
 cis-1,2-Dichloroethene
 Concen: 31.973 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050154.D
 Acq: 08 Aug 2022 23:51

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL8

Tgt Ion: 96 Resp: 237194

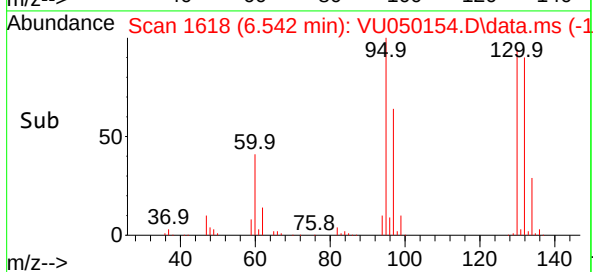
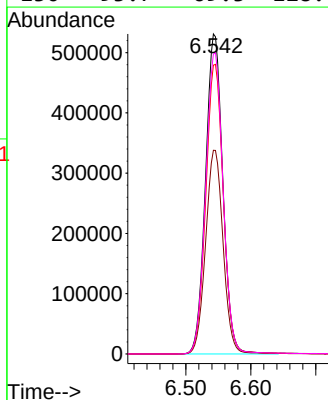
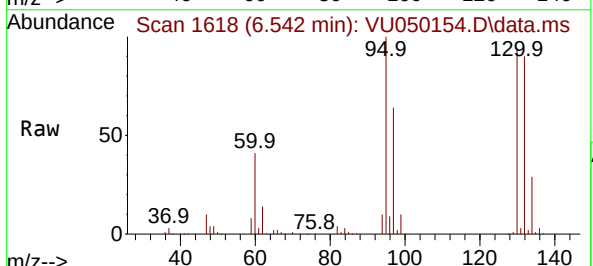
Ion	Ratio	Lower	Upper
96	100		
61	125.6	89.0	165.4
98	65.1	45.2	84.0

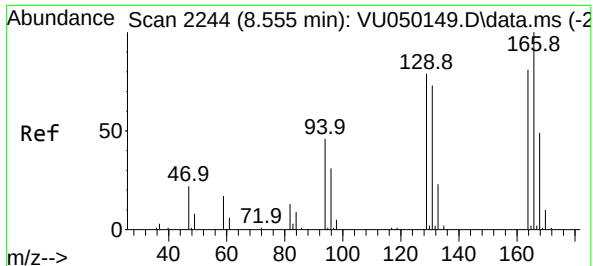


#34
 Trichloroethene
 Concen: 134.548 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VU050154.D
 Acq: 08 Aug 2022 23:51

Tgt Ion: 95 Resp: 986257

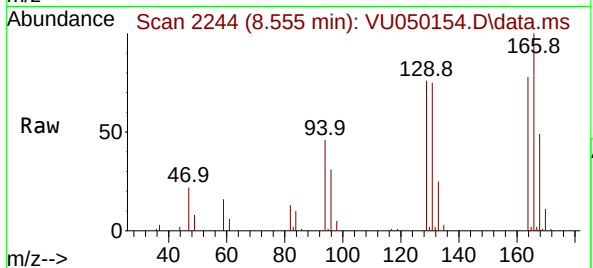
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.6	84.8
132	90.2	65.0	120.6
130	93.7	69.3	128.7





#47
Tetrachloroethene
Concen: 4.675 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050154.D
Acq: 08 Aug 2022 23:51

Instrument :
MSVOA_U
ClientSampleId :
GBJL8



Tgt Ion:	164	Resp:	24551
Ion	Ratio	Lower	Upper
164	100		
129	96.3	69.0	128.1
131	95.4	65.8	122.2
166	127.5	86.1	159.9

