

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051662.D
 Acq On : 01 Nov 2022 18:29
 Operator : JC/MD
 Sample : N5301-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBXA6

Quant Time: Nov 02 02:05:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

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

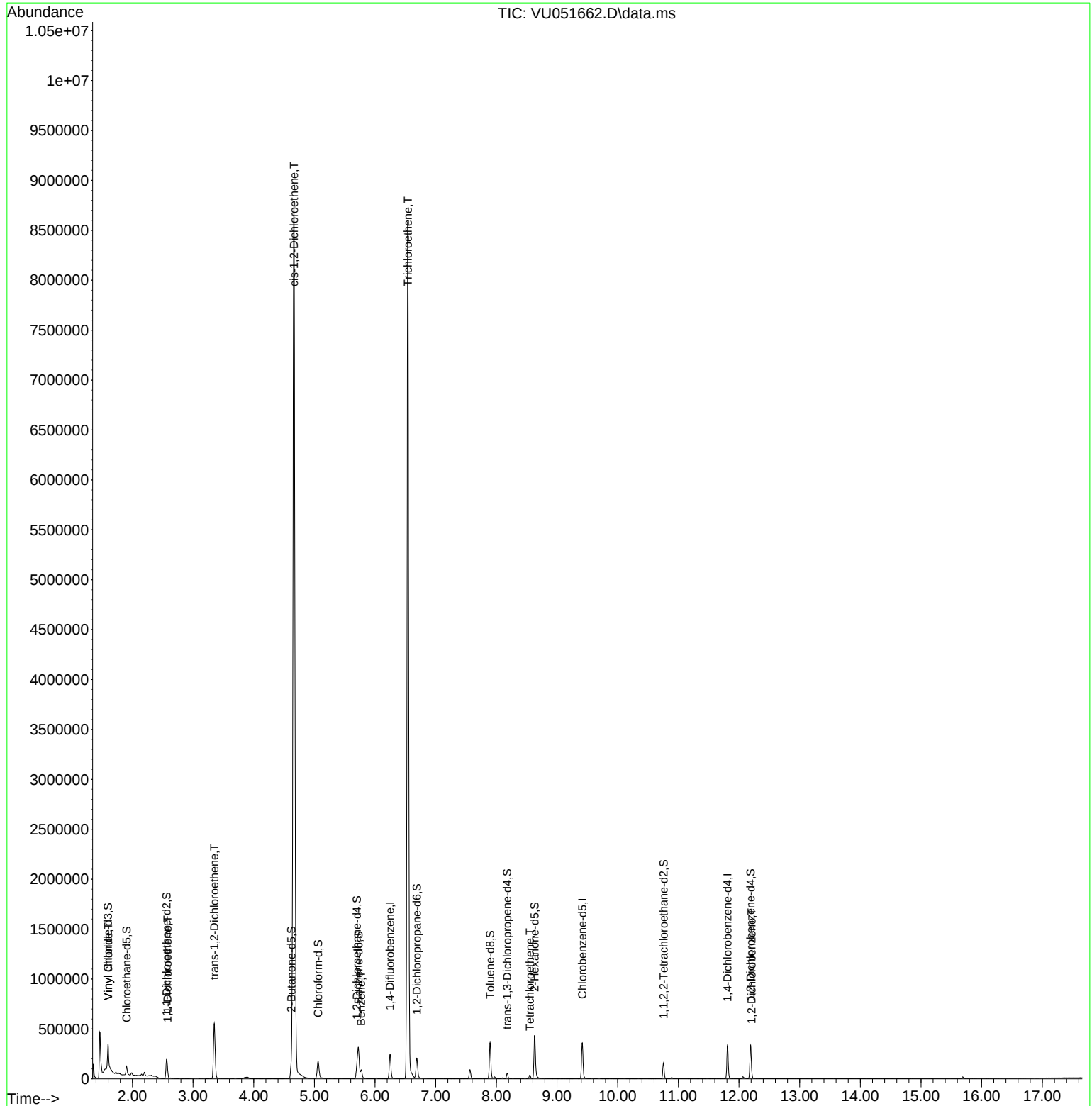
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	205913	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78229	5.044	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.906	69	69370	4.289	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.562	65	30571	5.432	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.600%	
20) 2-Butanone-d5	4.620	46	191959	34.178	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.360%	
24) Chloroform-d	5.060	84	150608	4.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.700	65	77584	3.958	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
32) Benzene-d6	5.726	84	308045	4.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.687	67	103367	4.363	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.896	98	252245	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	8.179	79	32779	4.525	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.629	63	150294	34.463	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.920%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	82000	3.777	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	91321	5.349	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
5) Vinyl chloride	1.601	62	47224	1.737	ug/L #	1
12) 1,1-Dichloroethene	2.578	96	22934	1.281	ug/L #	50
18) trans-1,2-Dichloroethene	3.350	96	239825	12.483	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	4774127	224.584	ug/L	99
33) Benzene	5.771	78	86206	1.017	ug/L	100
34) Trichloroethene	6.539	95	2983740	145.916	ug/L	99
47) Tetrachloroethene	8.552	164	8841	0.565	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	4991	0.152	ug/L #	86

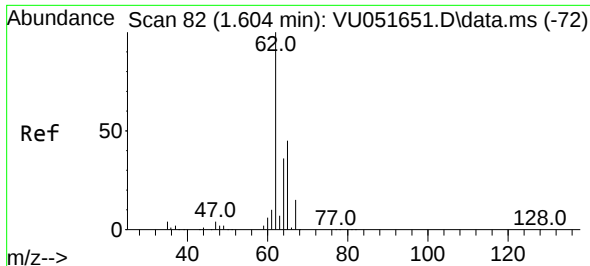
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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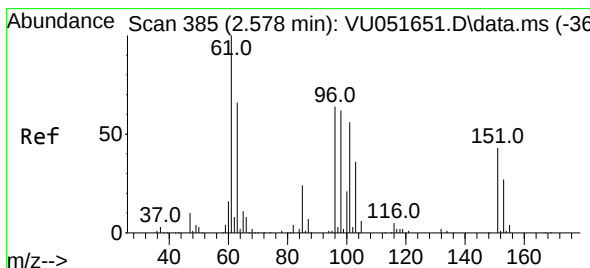
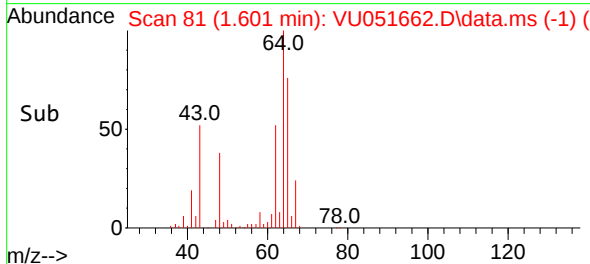
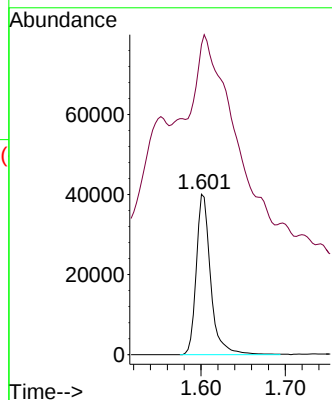
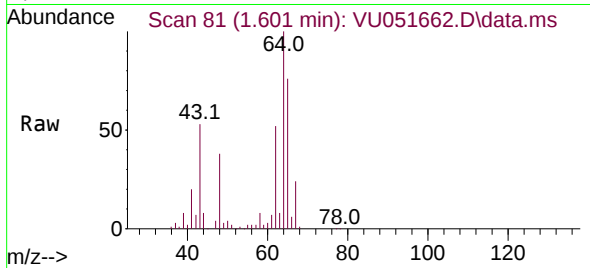




#5
 Vinyl chloride
 Concen: 1.737 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051662.D
 Acq: 01 Nov 2022 18:29

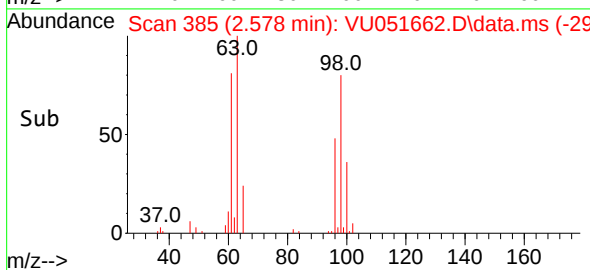
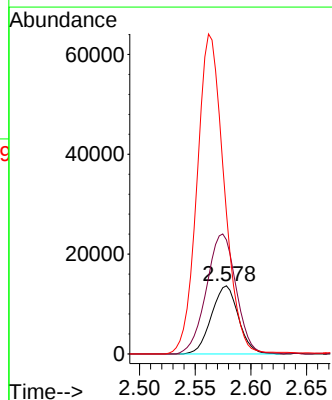
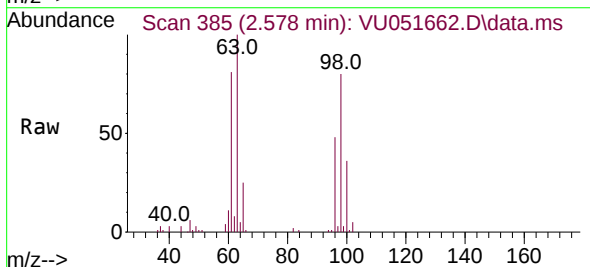
Instrument :
 MSVOA_U
 ClientSampleId :
 DBXA6

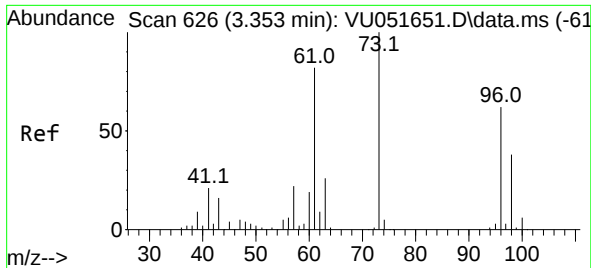
Tgt Ion: 62 Resp: 47224
 Ion Ratio Lower Upper
 62 100
 64 193.4 22.1 41.1#



#12
 1,1-Dichloroethene
 Concen: 1.281 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051662.D
 Acq: 01 Nov 2022 18:29

Tgt Ion: 96 Resp: 22934
 Ion Ratio Lower Upper
 96 100
 61 167.4 108.8 202.0
 63 207.2 64.9 120.5#

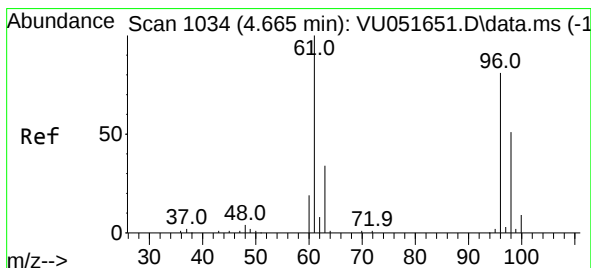
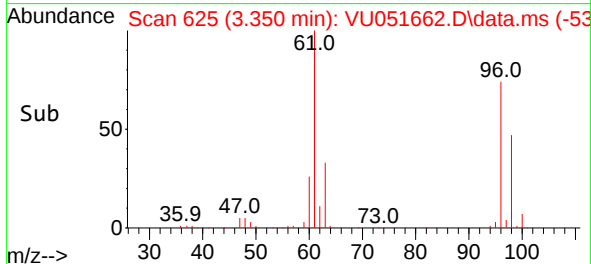
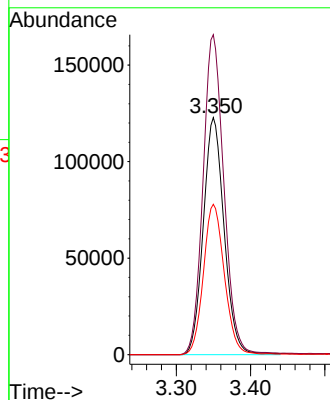
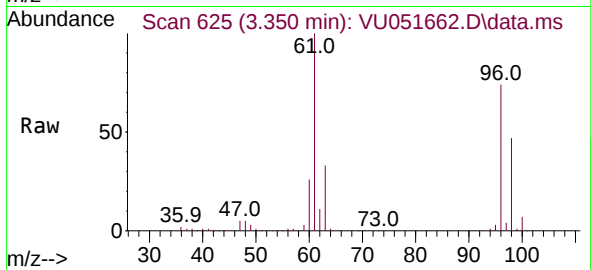




#18
trans-1,2-Dichloroethene
Concen: 12.483 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

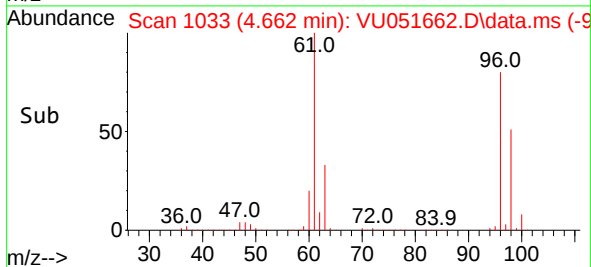
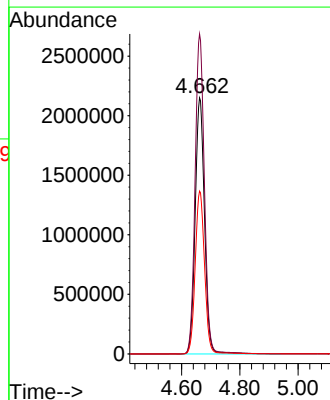
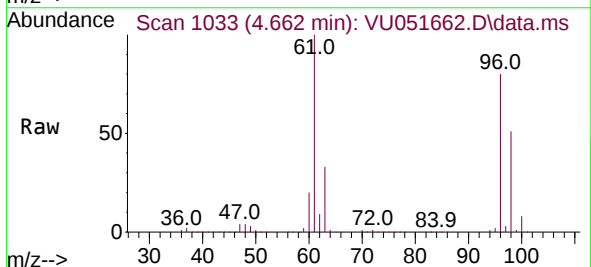
Instrument :
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DBXA6

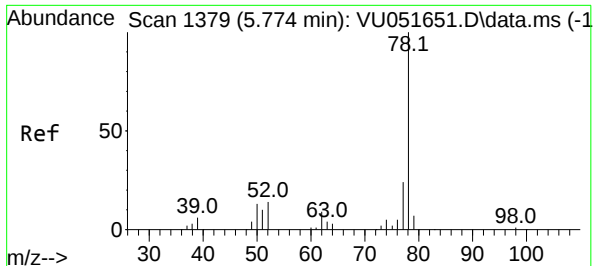
Tgt Ion: 96 Resp: 239825
Ion Ratio Lower Upper
96 100
61 135.0 94.7 175.9
98 63.4 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 224.584 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

Tgt Ion: 96 Resp: 4774127
Ion Ratio Lower Upper
96 100
61 124.9 86.4 160.4
98 63.6 44.2 82.2

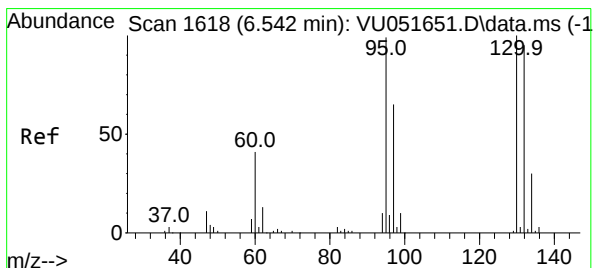
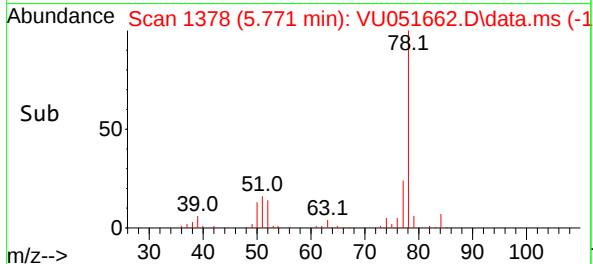
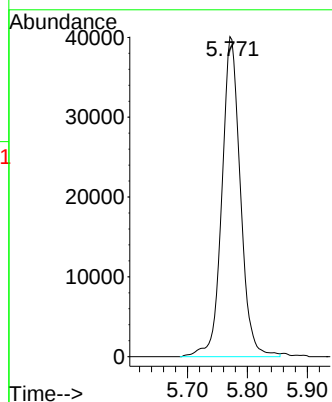
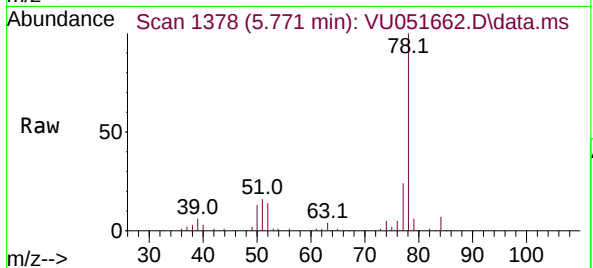




#33
Benzene
Concen: 1.017 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

Instrument :
MSVOA_U
ClientSampleId :
DBXA6

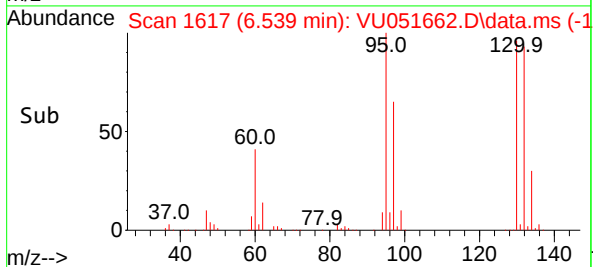
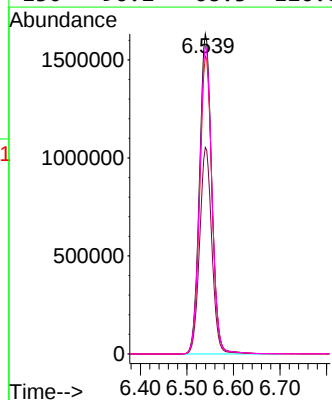
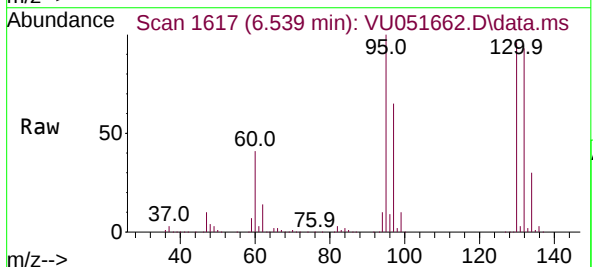
Tgt Ion: 78 Resp: 86206

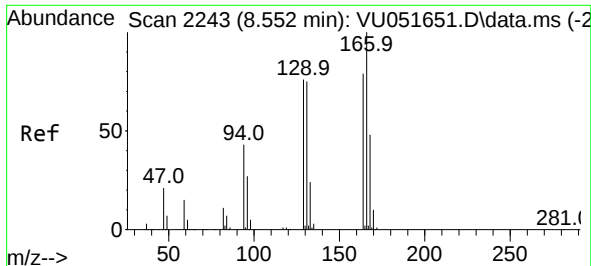


#34
Trichloroethene
Concen: 145.916 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

Tgt Ion: 95 Resp: 2983740

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.2	84.0
132	93.0	66.5	123.5
130	96.2	68.3	126.8





#47

Tetrachloroethene

Concen: 0.565 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051662.D

Acq: 01 Nov 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

DBXA6

Tgt Ion:164 Resp: 8841

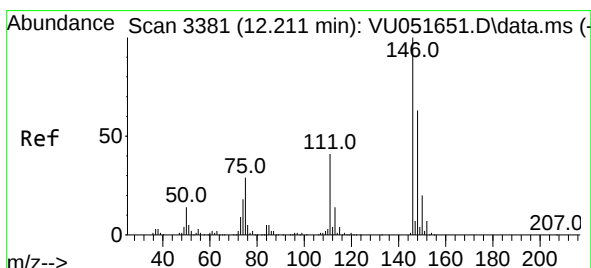
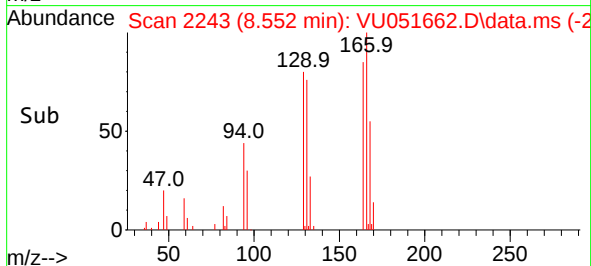
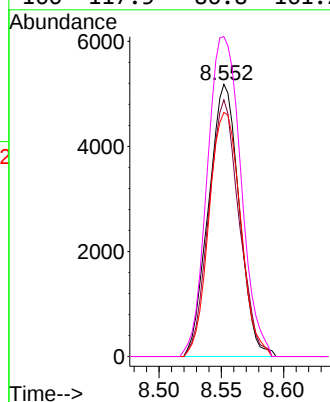
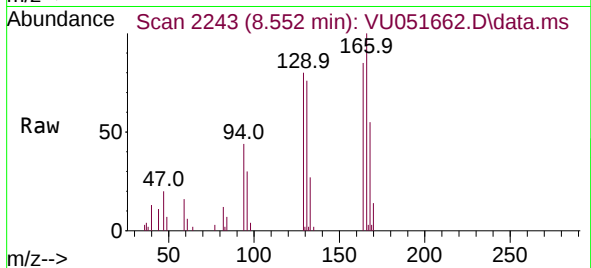
Ion Ratio Lower Upper

164 100

129 94.3 64.0 118.8

131 89.7 60.7 112.7

166 117.5 86.8 161.2



#67

1,2-Dichlorobenzene

Concen: 0.152 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. -0.003 min

Lab File: VU051662.D

Acq: 01 Nov 2022 18:29

Tgt Ion:146 Resp: 4991

Ion Ratio Lower Upper

146 100

111 58.4 34.2 51.2#

148 67.9 50.1 75.1

