

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055214.D
 Acq On : 08 Sep 2023 02:56
 Operator : MD/SY
 Sample : 04307-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4J7

Quant Time: Sep 08 06:39:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

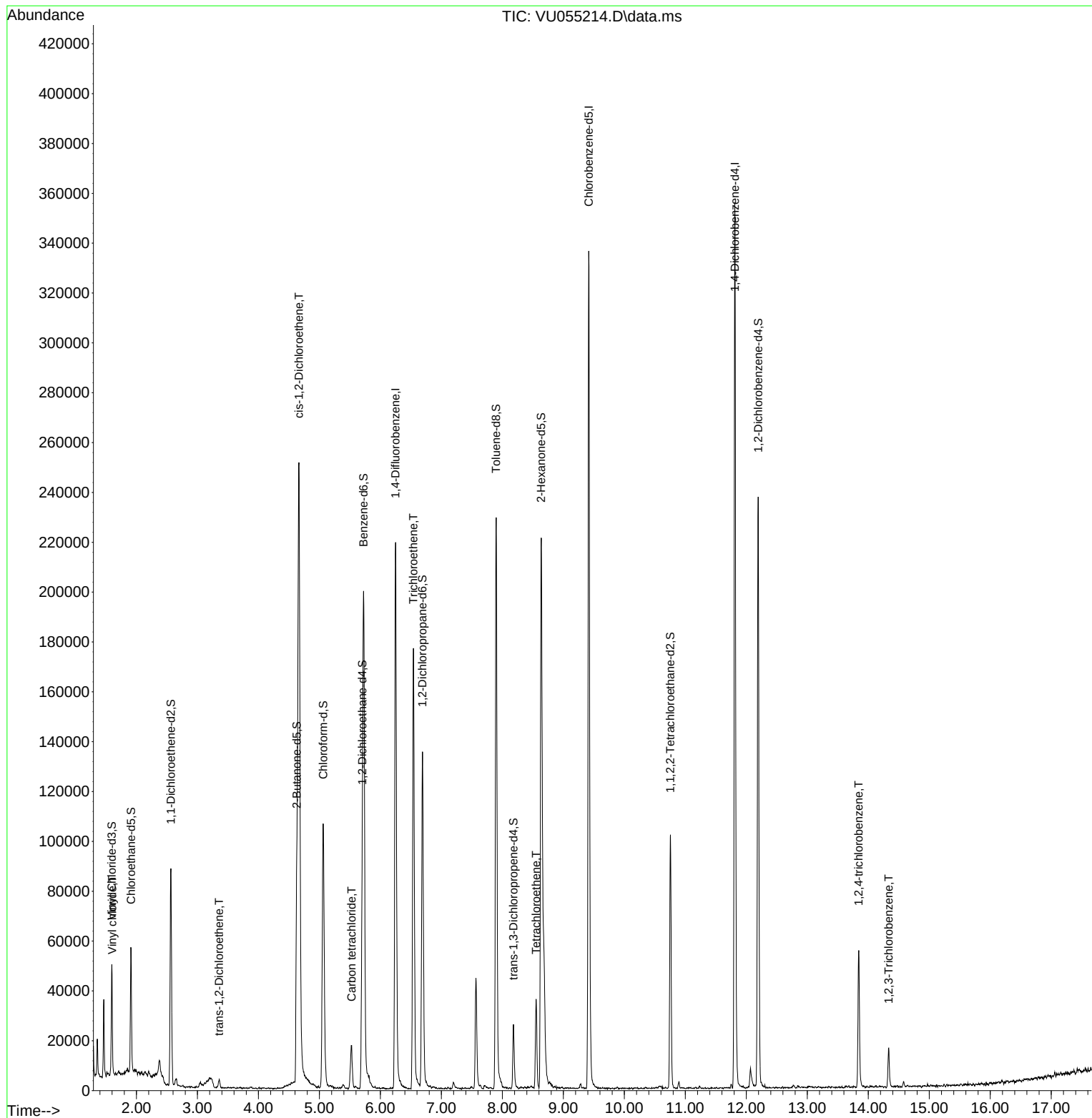
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	89089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25717	3.185	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.600%	
7) Chloroethane-d5	1.911	69	34398	3.680	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.563	65	16374	3.559	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.200%	
20) 2-Butanone-d5	4.628	46	137298	58.587	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.180%	
24) Chloroform-d	5.062	84	96345	4.496	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.702	65	53170	4.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.724	84	183854	4.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	6.689	67	65519	4.708	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.898	98	157811	3.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	8.181	79	14118	3.684	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.600%	
46) 2-Hexanone-d5	8.634	63	69536	44.696	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.400%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	50708	5.182	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	59341	4.563	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1492	0.139	ug/L	88
18) trans-1,2-Dichloroethene	3.354	96	1089	0.135	ug/L #	67
22) cis-1,2-Dichloroethene	4.663	96	116040	11.729	ug/L	97
31) Carbon tetrachloride	5.525	117	11365	0.891	ug/L	97
34) Trichloroethene	6.541	95	61523	5.868	ug/L	95
47) Tetrachloroethene	8.554	164	7146	0.986	ug/L	84
70) 1,2,4-trichlorobenzene	13.843	180	16884	1.195	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	5190	0.423	ug/L	97

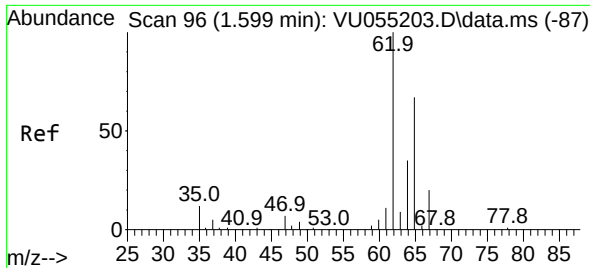
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055214.D
Acq On : 08 Sep 2023 02:56
Operator : MD/SY
Sample : 04307-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4J7

Quant Time: Sep 08 06:39:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 08 06:18:43 2023
Response via : Initial Calibration

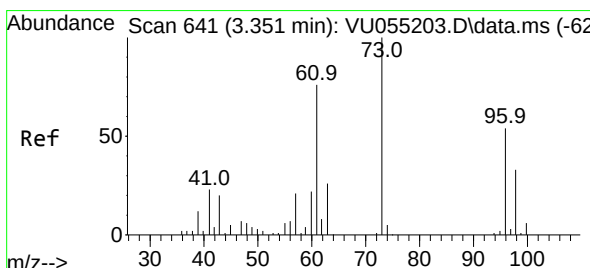
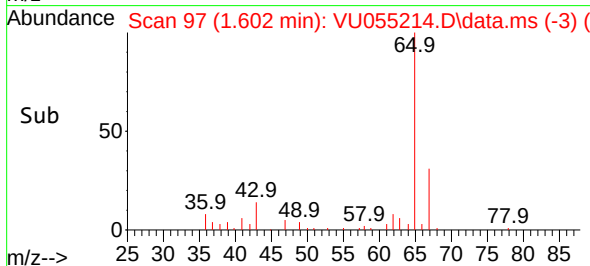
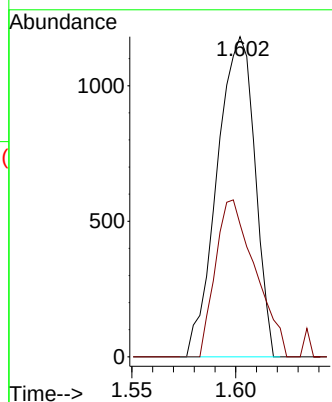
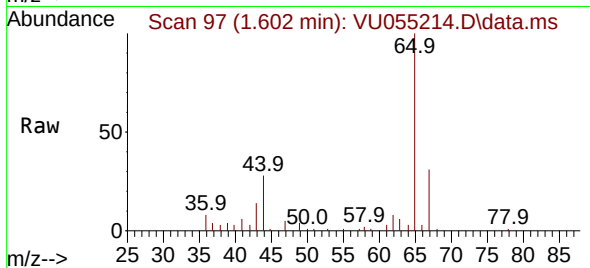




#5
 Vinyl chloride
 Concen: 0.139 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055214.D
 Acq: 08 Sep 2023 02:56

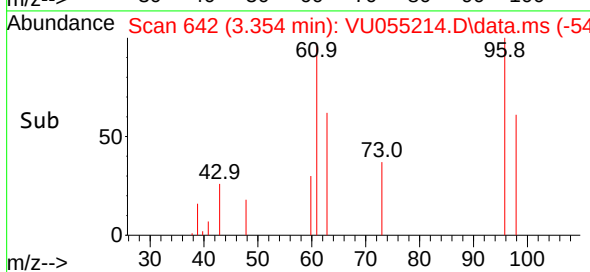
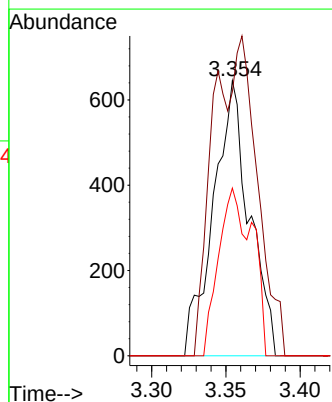
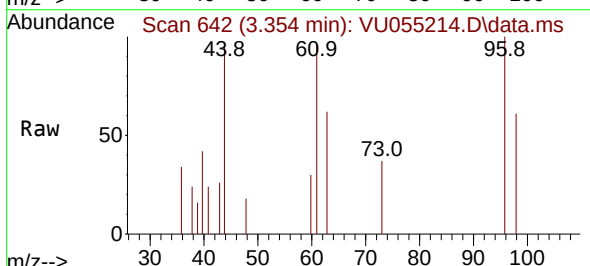
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4J7

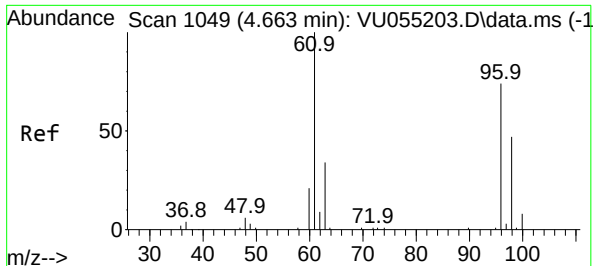
Tgt Ion: 62 Resp: 1492
 Ion Ratio Lower Upper
 62 100
 64 41.4 24.2 45.0



#18
 trans-1,2-Dichloroethene
 Concen: 0.135 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. 0.003 min
 Lab File: VU055214.D
 Acq: 08 Sep 2023 02:56

Tgt Ion: 96 Resp: 1089
 Ion Ratio Lower Upper
 96 100
 61 96.0 108.1 200.9#
 98 60.9 45.4 84.4

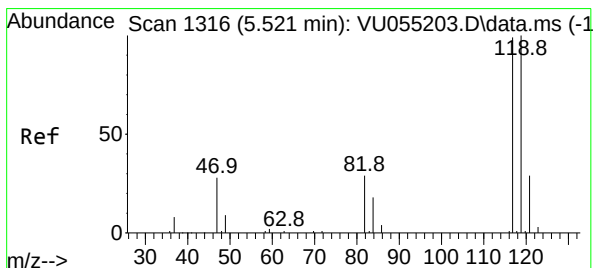
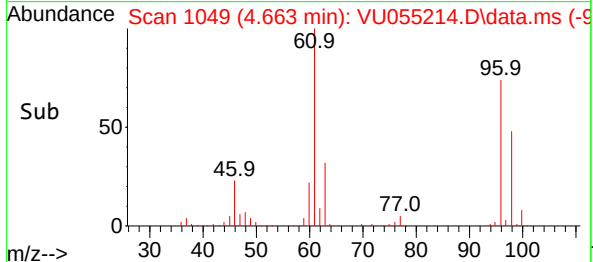
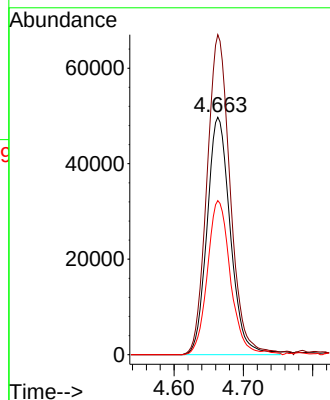
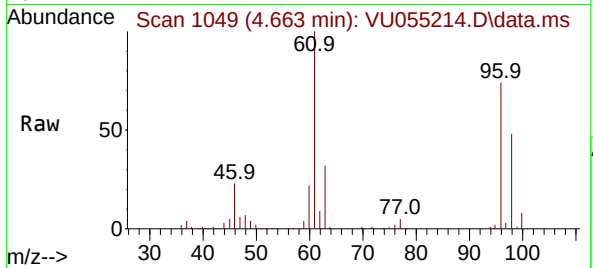




#22
cis-1,2-Dichloroethene
Concen: 11.729 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055214.D
Acq: 08 Sep 2023 02:56

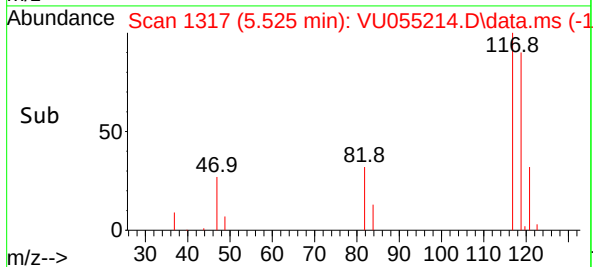
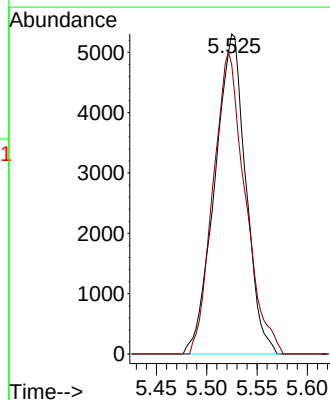
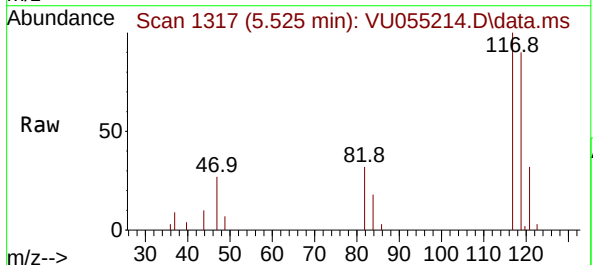
Instrument :
MSVOA_U
ClientSampleId :
BH4J7

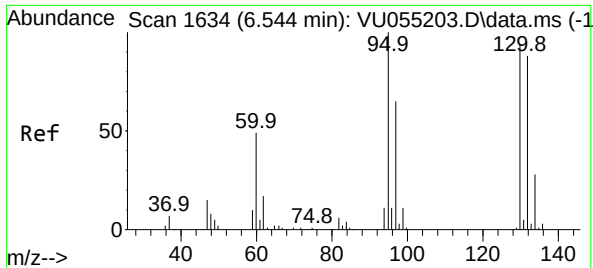
Tgt Ion: 96 Resp: 116040
Ion Ratio Lower Upper
96 100
61 134.8 97.2 180.4
98 64.9 46.1 85.7



#31
Carbon tetrachloride
Concen: 0.891 ug/L
RT: 5.525 min Scan# 1317
Delta R.T. 0.003 min
Lab File: VU055214.D
Acq: 08 Sep 2023 02:56

Tgt Ion: 117 Resp: 11365
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.0



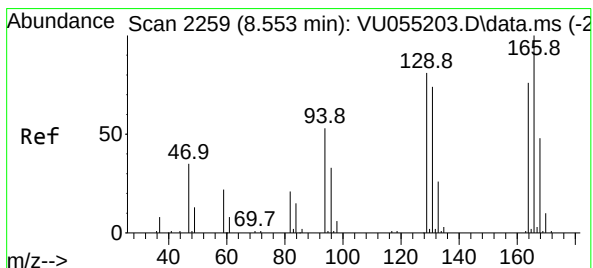
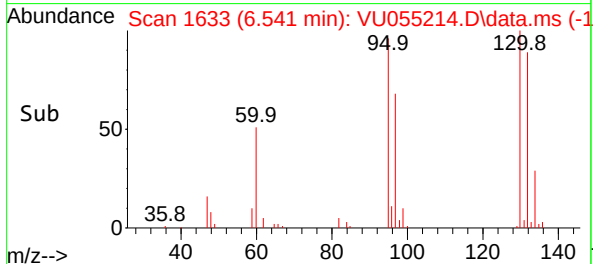
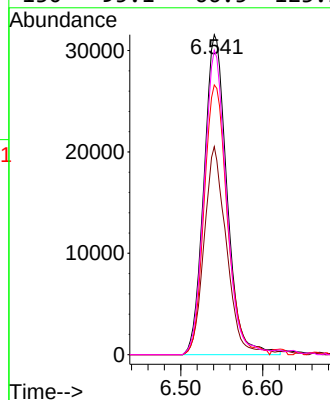
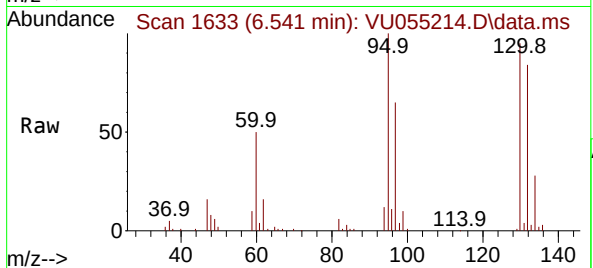


#34
 Trichloroethene
 Concen: 5.868 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.003 min
 Lab File: VU055214.D
 Acq: 08 Sep 2023 02:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4J7

Tgt Ion: 95 Resp: 61523

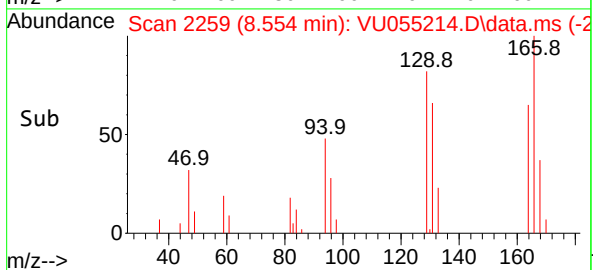
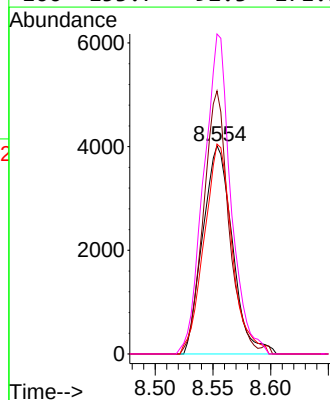
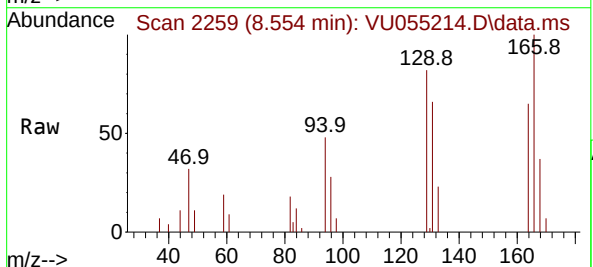
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.7	83.1
132	84.3	66.6	123.6
130	95.1	66.5	123.5

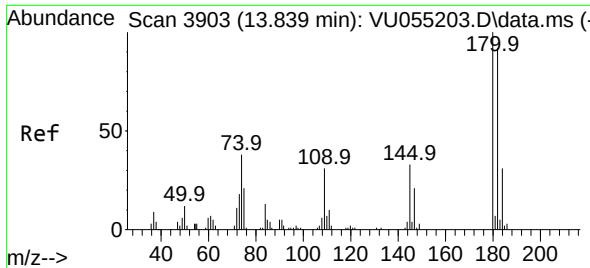


#47
 Tetrachloroethene
 Concen: 0.986 ug/L
 RT: 8.554 min Scan# 2259
 Delta R.T. 0.000 min
 Lab File: VU055214.D
 Acq: 08 Sep 2023 02:56

Tgt Ion: 164 Resp: 7146

Ion	Ratio	Lower	Upper
164	100		
129	126.3	69.2	128.6
131	100.8	68.8	127.8
166	153.7	92.3	171.5

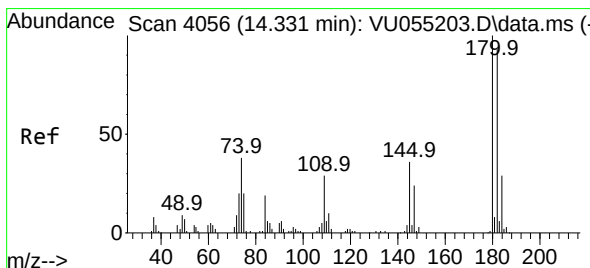
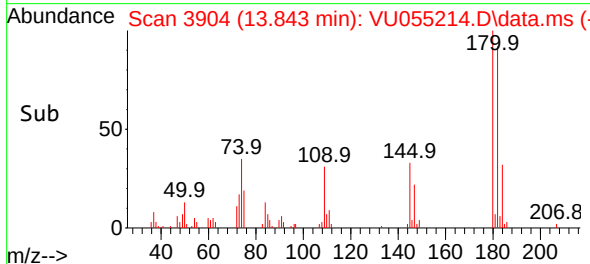
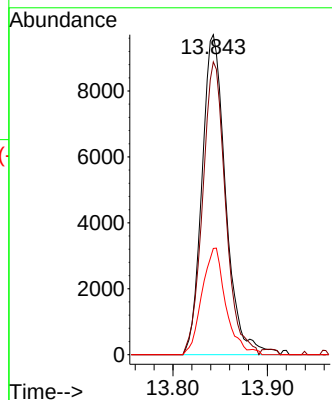
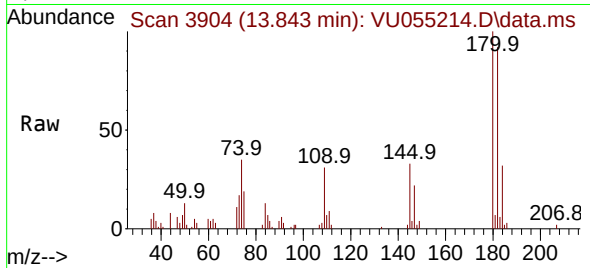




#70
1,2,4-trichlorobenzene
Concen: 1.195 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VU055214.D
Acq: 08 Sep 2023 02:56

Instrument :
MSVOA_U
ClientSampleId :
BH4J7

Tgt Ion:180 Resp: 16884
Ion Ratio Lower Upper
180 100
182 88.4 73.6 110.4
145 33.6 25.8 38.8



#72
1,2,3-Trichlorobenzene
Concen: 0.423 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.000 min
Lab File: VU055214.D
Acq: 08 Sep 2023 02:56

Tgt Ion:180 Resp: 5190
Ion Ratio Lower Upper
180 100
182 91.8 75.6 113.4
145 31.8 27.0 40.6

