

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055215.D
 Acq On : 08 Sep 2023 03:20
 Operator : MD/SY
 Sample : 04307-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4J8

Quant Time: Sep 08 06:40:04 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)

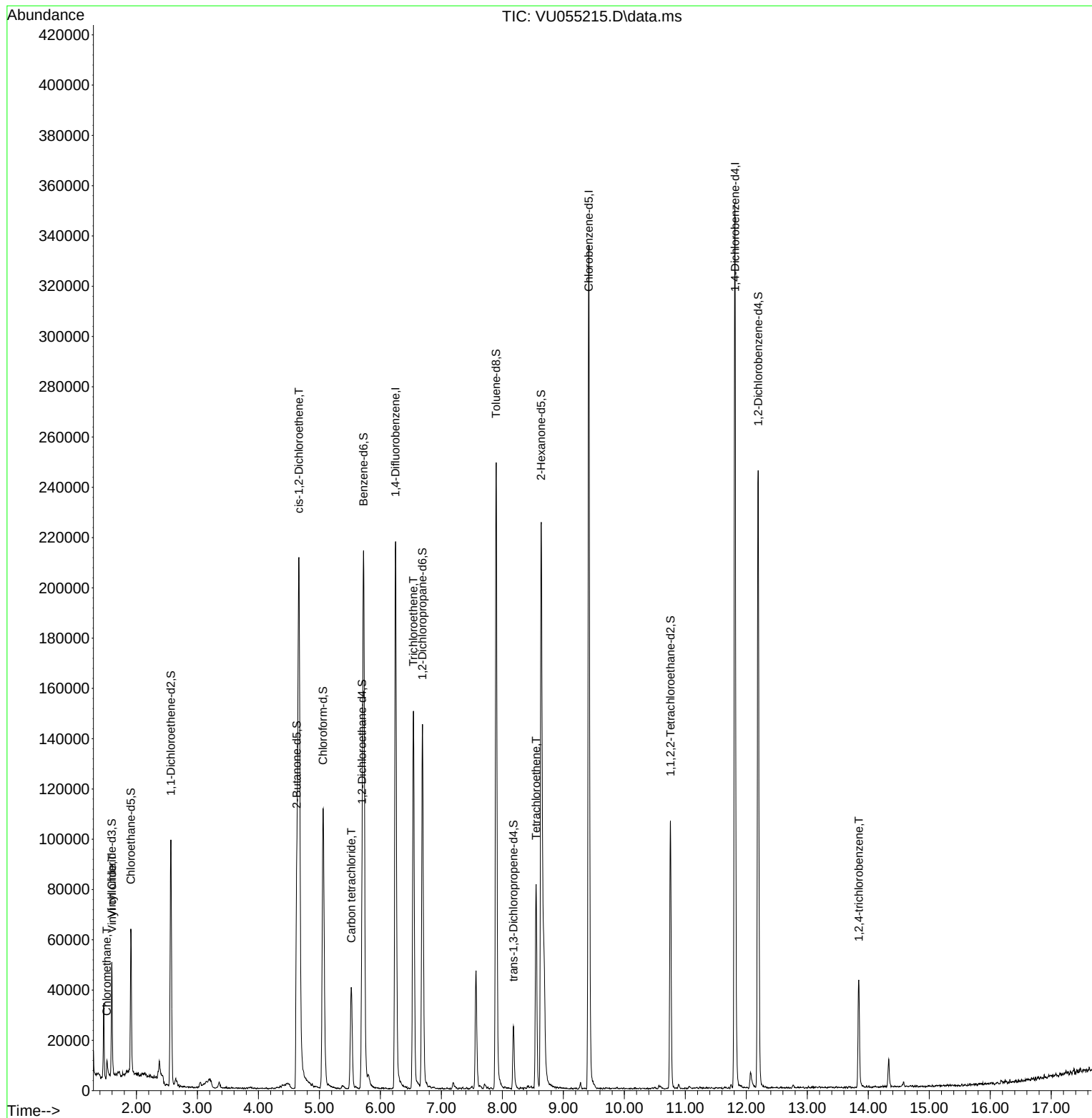
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	180921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	89765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29428	3.705	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.908	69	38842	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.563	65	17865	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.628	46	141027	61.191	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.380%
24) Chloroform-d	5.059	84	103769	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.698	65	54532	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.724	84	197617	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.689	67	68649	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.898	98	168953	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.181	79	14680	3.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.634	63	67634	42.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.180%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52810	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	61994	4.732	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
3) Chloromethane	1.515	50	4236	0.423	ug/L #	75
5) Vinyl chloride	1.599	62	1252	0.118	ug/L #	44
22) cis-1,2-Dichloroethene	4.663	96	96588	9.927	ug/L	94
31) Carbon tetrachloride	5.522	117	27004	2.075	ug/L	95
34) Trichloroethene	6.541	95	51307	4.794	ug/L	95
47) Tetrachloroethene	8.554	164	17460	2.361	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	13509	0.949	ug/L	95

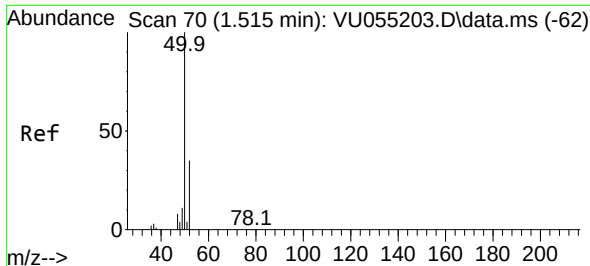
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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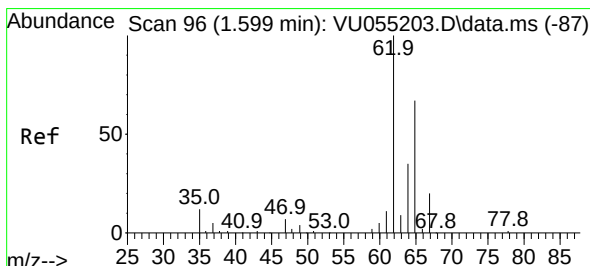
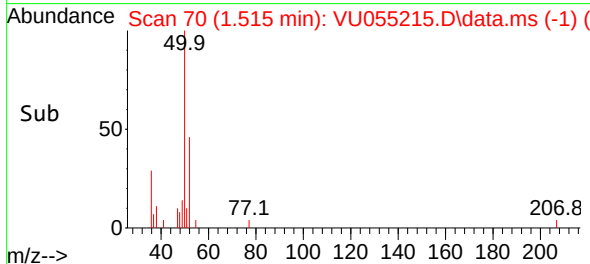
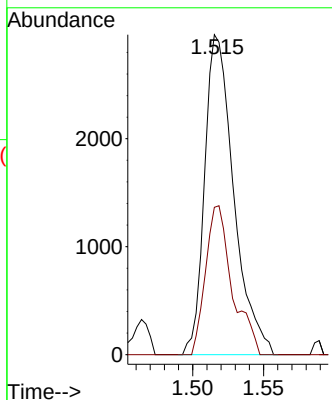
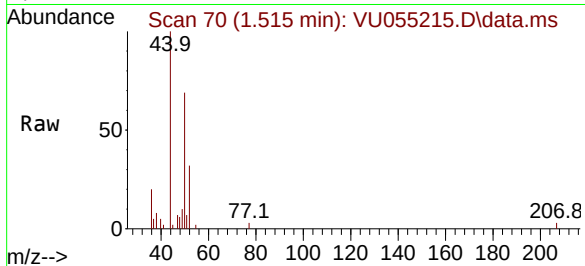




#3
Chloromethane
Concen: 0.423 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055215.D
Acq: 08 Sep 2023 03:20

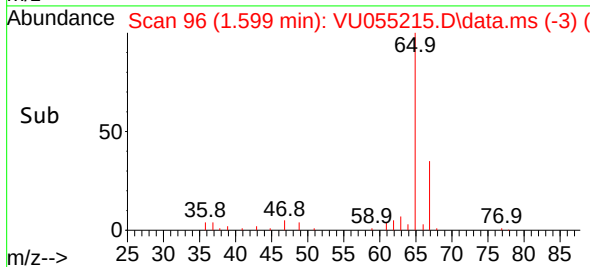
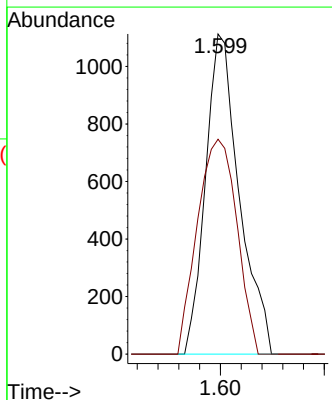
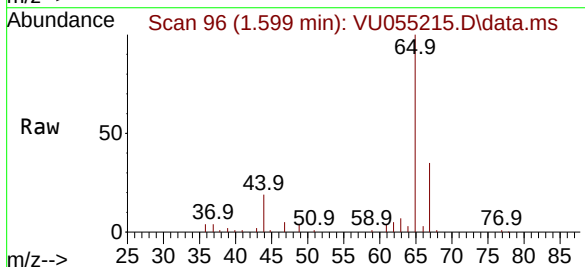
Instrument :
MSVOA_U
ClientSampleId :
BH4J8

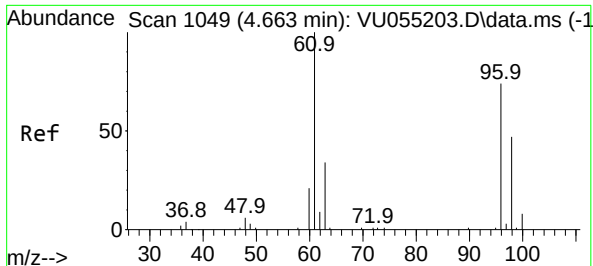
Tgt Ion: 50 Resp: 4236
Ion Ratio Lower Upper
50 100
52 46.1 22.5 41.7#



#5
Vinyl chloride
Concen: 0.118 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055215.D
Acq: 08 Sep 2023 03:20

Tgt Ion: 62 Resp: 1252
Ion Ratio Lower Upper
62 100
64 67.1 24.2 45.0#





#22

cis-1,2-Dichloroethene

Concen: 9.927 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055215.D

Acq: 08 Sep 2023 03:20

Instrument :

MSVOA_U

ClientSampleId :

BH4J8

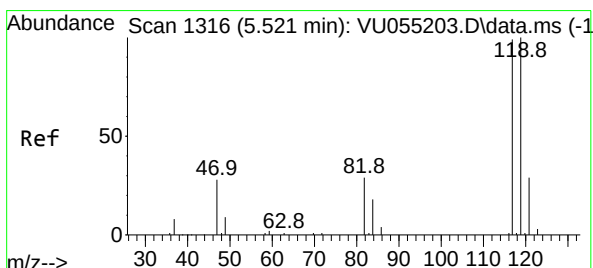
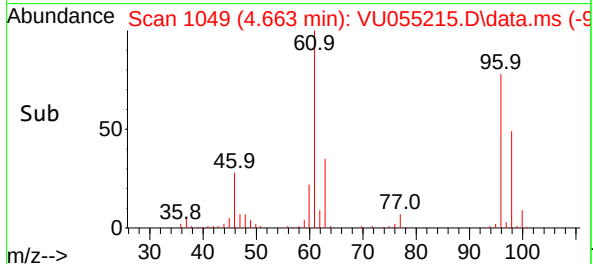
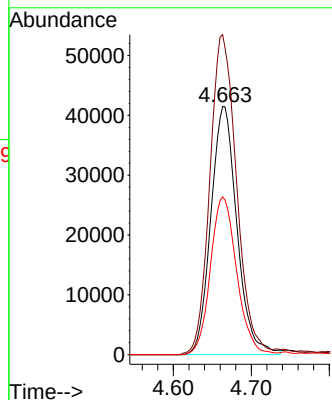
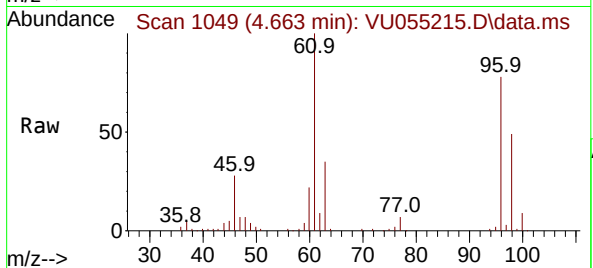
Tgt Ion: 96 Resp: 96588

Ion Ratio Lower Upper

96 100

61 128.9 97.2 180.4

98 63.6 46.1 85.7



#31

Carbon tetrachloride

Concen: 2.075 ug/L

RT: 5.522 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU055215.D

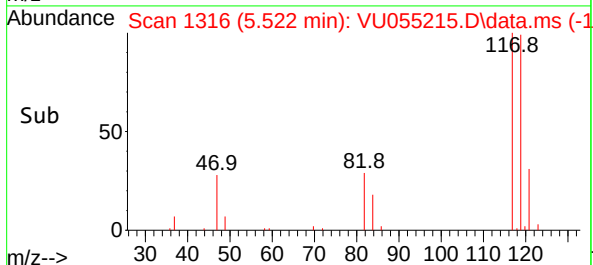
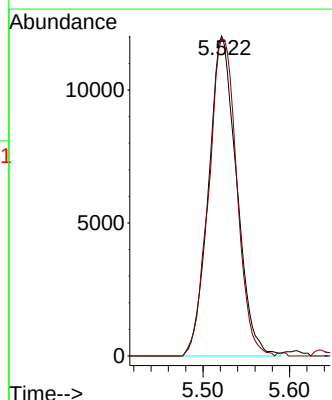
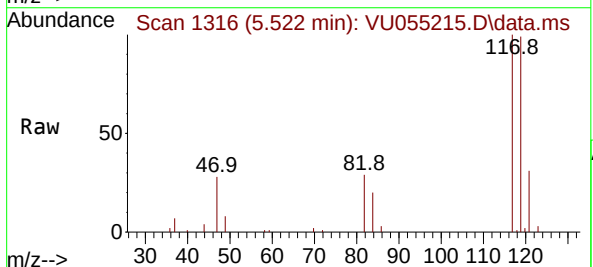
Acq: 08 Sep 2023 03:20

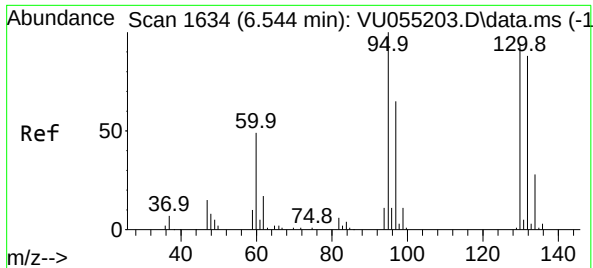
Tgt Ion: 117 Resp: 27004

Ion Ratio Lower Upper

117 100

119 99.2 75.4 113.0

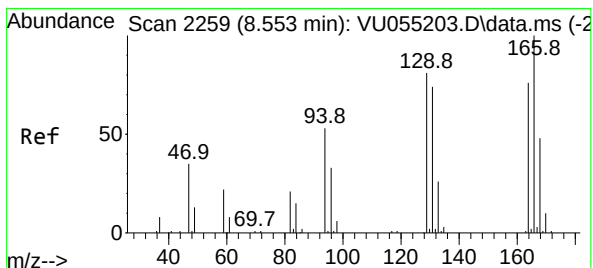
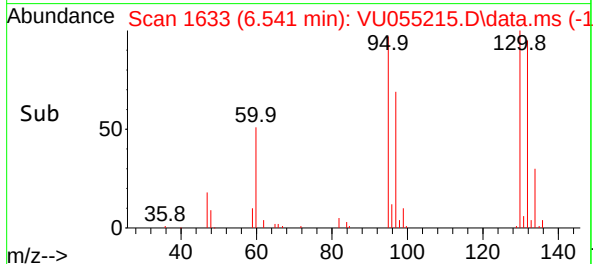
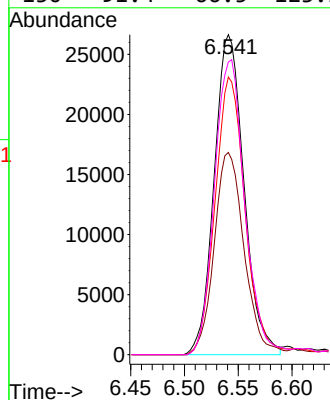
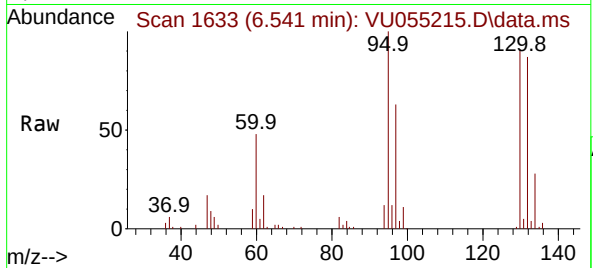




#34
Trichloroethene
Concen: 4.794 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055215.D
Acq: 08 Sep 2023 03:20

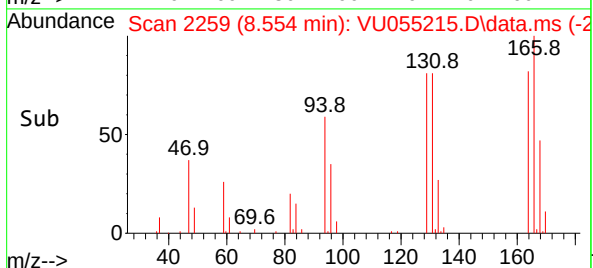
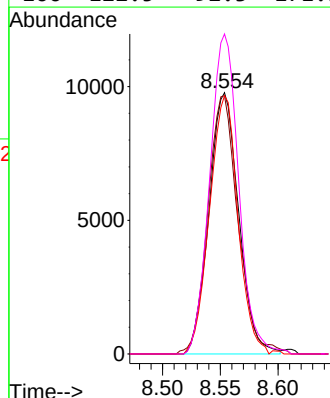
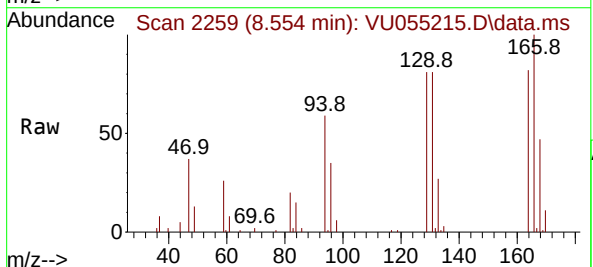
Instrument :
MSVOA_U
ClientSampleId :
BH4J8

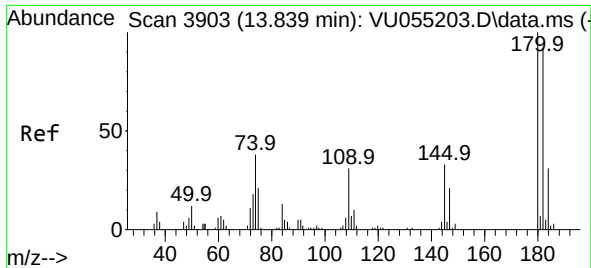
Tgt Ion: 95 Resp: 51307
Ion Ratio Lower Upper
95 100
97 63.2 44.7 83.1
132 86.7 66.6 123.6
130 91.4 66.5 123.5



#47
Tetrachloroethene
Concen: 2.361 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055215.D
Acq: 08 Sep 2023 03:20

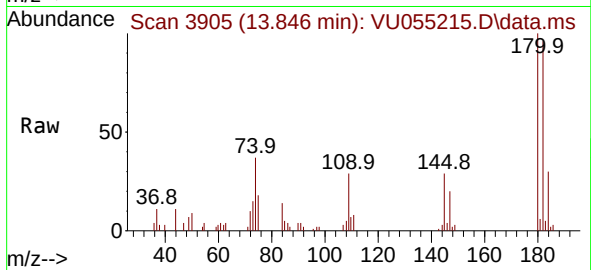
Tgt Ion: 164 Resp: 17460
Ion Ratio Lower Upper
164 100
129 98.9 69.2 128.6
131 98.9 68.8 127.8
166 122.5 92.3 171.5





#70
1,2,4-trichlorobenzene
Concen: 0.949 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.007 min
Lab File: VU055215.D
Acq: 08 Sep 2023 03:20

Instrument :
MSVOA_U
ClientSampleId :
BH4J8



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	73.6	110.4
145	30.7	25.8	38.8

