

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051783.D
 Acq On : 08 Nov 2022 14:53
 Operator : JC/MD
 Sample : N5493-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA5

Quant Time: Nov 09 00:01:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

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

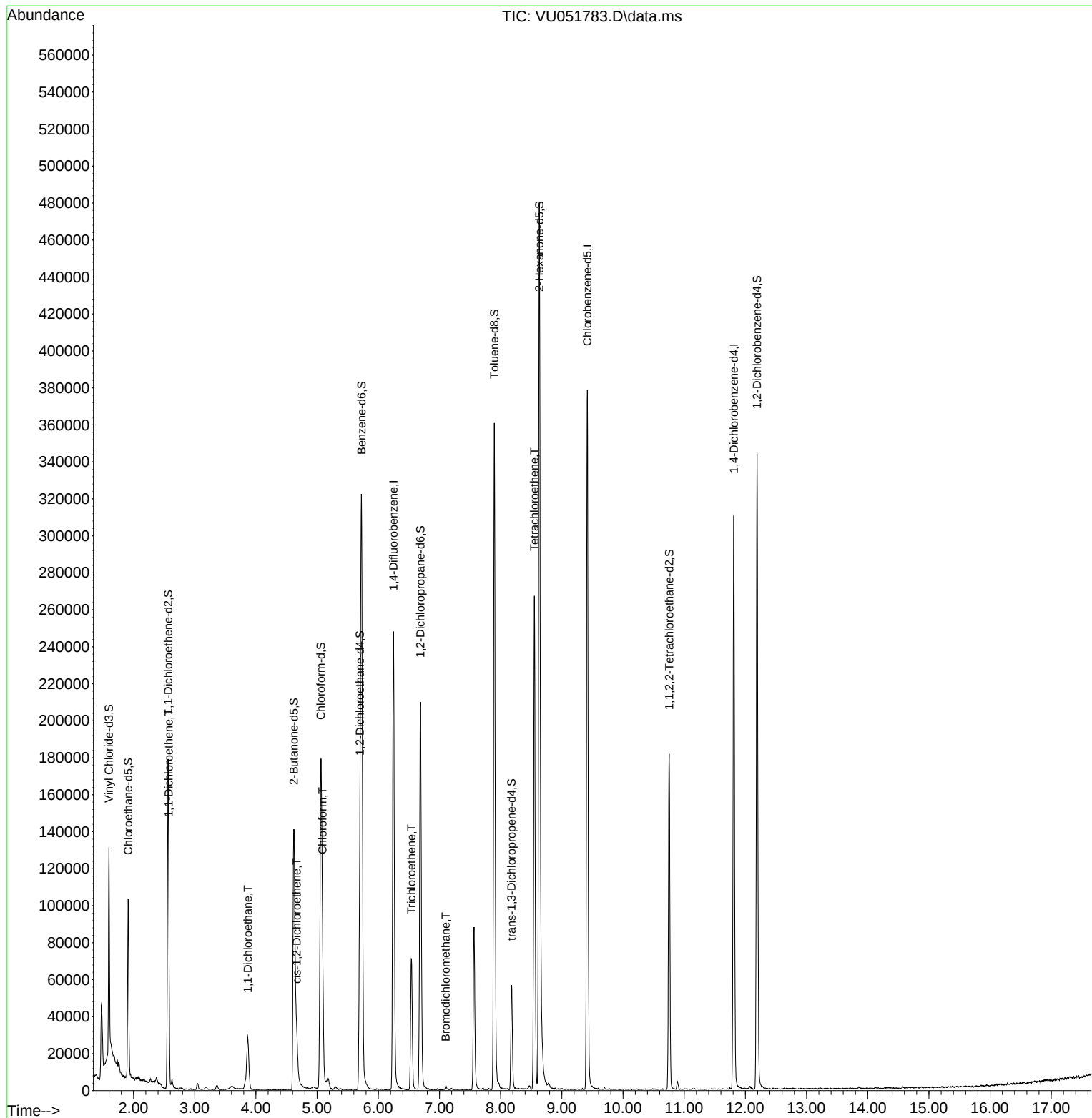
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	208146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	221432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78901	5.033	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.600%		
7) Chloroethane-d5	1.913	69	73119	4.472	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 89.400%		
11) 1,1-Dichloroethene-d2	2.565	65	31722	5.576	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 111.600%		
20) 2-Butanone-d5	4.620	46	206975	36.456	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 72.920%		
24) Chloroform-d	5.060	84	162713	4.436	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 88.800%		
26) 1,2-Dichloroethane-d4	5.700	65	85440	4.312	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.200%		
32) Benzene-d6	5.726	84	318198	4.554	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 91.000%		
36) 1,2-Dichloropropane-d6	6.690	67	106548	4.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 87.200%		
41) Toluene-d8	7.896	98	254946	4.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.800%		
43) trans-1,3-Dichloroprop...	8.179	79	32873	4.400	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 88.000%		
46) 2-Hexanone-d5	8.633	63	165171	36.725	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 73.440%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	95118	4.248	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 85.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	95725	5.927	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.600%		
Target Compounds						
12) 1,1-Dichloroethene	2.575	96	4359	0.241	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	28510	0.796	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	10462	0.487	ug/L	98
25) Chloroform	5.086	83	55674	1.498	ug/L	99
34) Trichloroethene	6.543	95	25845	1.226	ug/L	98
38) Bromodichloromethane	7.102	83	1466	0.053	ug/L #	70
47) Tetrachloroethene	8.552	164	60350	3.737	ug/L	90

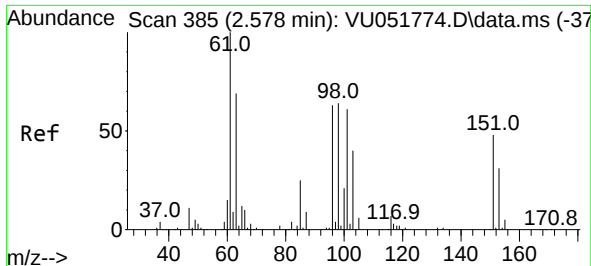
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 08 23:59:15 2022
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#12

1,1-Dichloroethene

Concen: 0.241 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU051783.D

Acq: 08 Nov 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

H0AA5

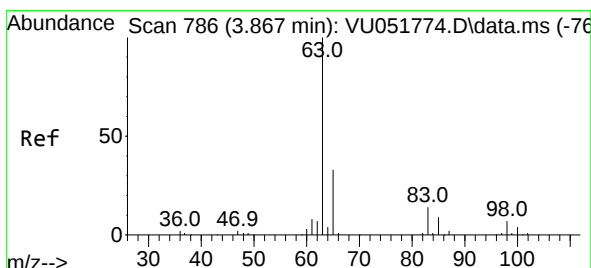
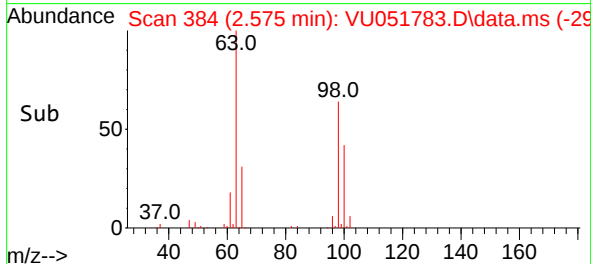
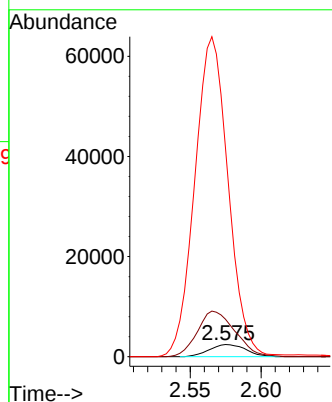
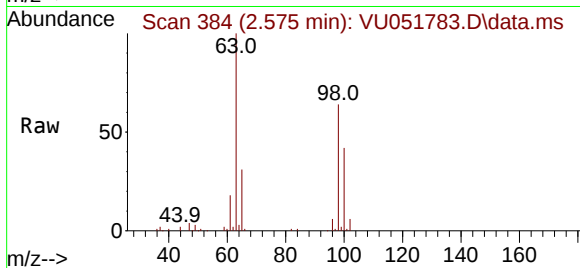
Tgt Ion: 96 Resp: 4359

Ion Ratio Lower Upper

96 100

61 305.6 108.8 202.0#

63 1706.7 64.9 120.5#



#19

1,1-Dichloroethane

Concen: 0.796 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051783.D

Acq: 08 Nov 2022 14:53

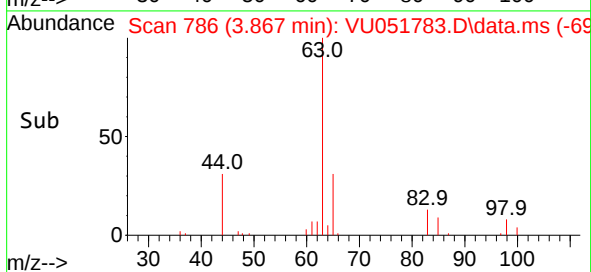
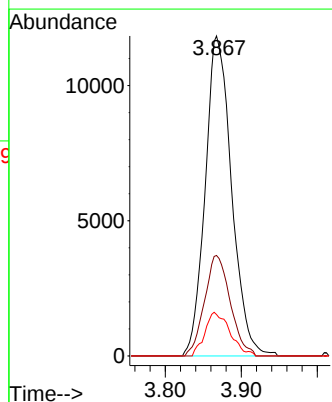
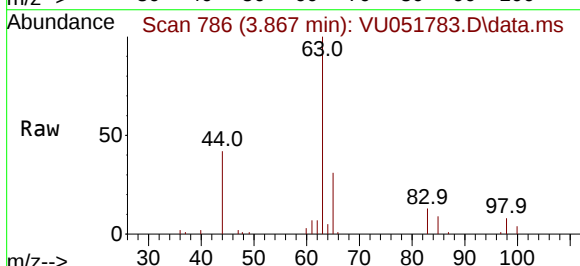
Tgt Ion: 63 Resp: 28510

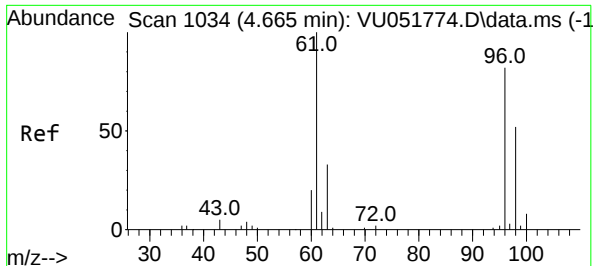
Ion Ratio Lower Upper

63 100

65 31.4 22.7 42.1

83 13.0 9.2 17.0

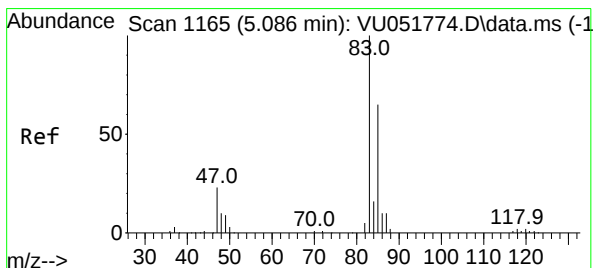
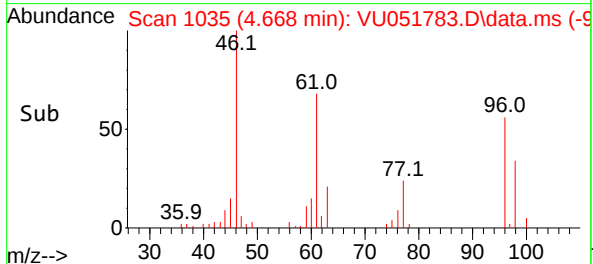
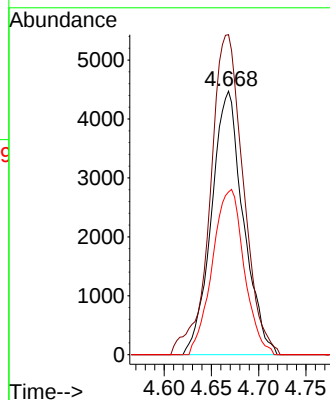
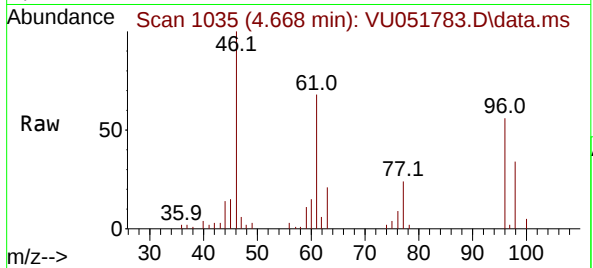




#22
 cis-1,2-Dichloroethene
 Concen: 0.487 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU051783.D
 Acq: 08 Nov 2022 14:53

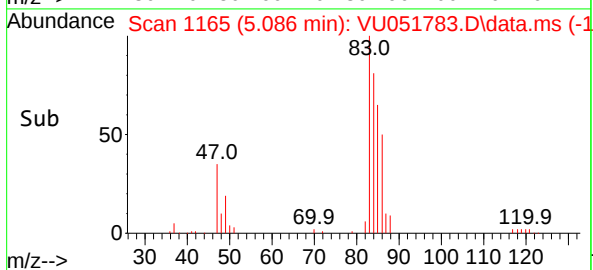
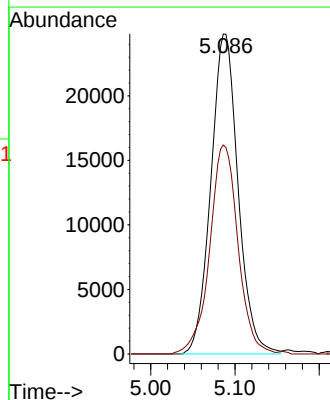
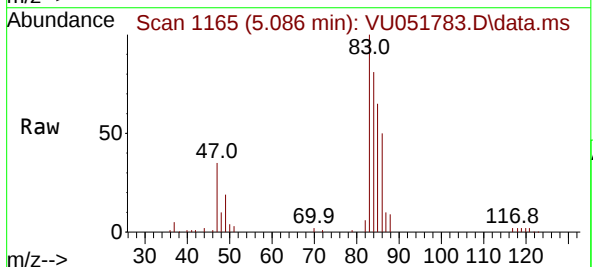
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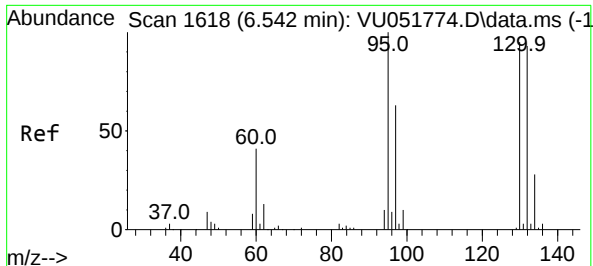
Tgt Ion: 96 Resp: 10462
 Ion Ratio Lower Upper
 96 100
 61 121.4 86.4 160.4
 98 61.7 44.2 82.2



#25
 Chloroform
 Concen: 1.498 ug/L
 RT: 5.086 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: VU051783.D
 Acq: 08 Nov 2022 14:53

Tgt Ion: 83 Resp: 55674
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.2 84.0

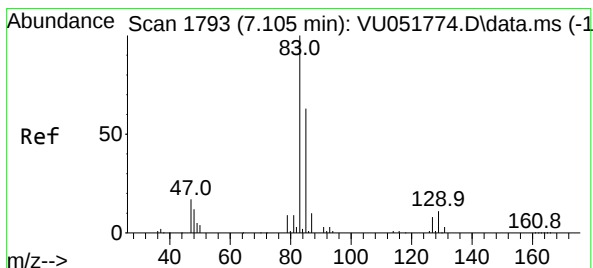
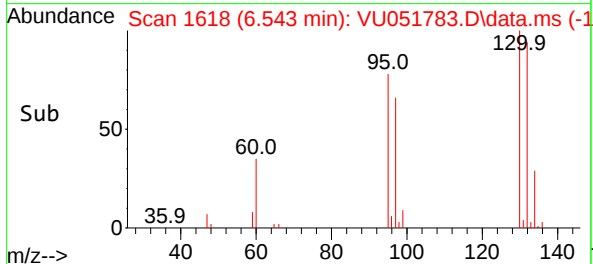
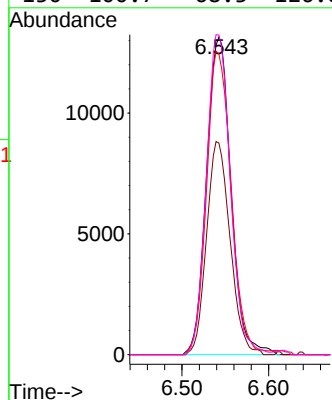
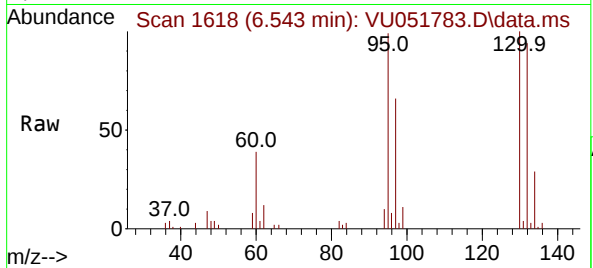




#34
Trichloroethene
Concen: 1.226 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

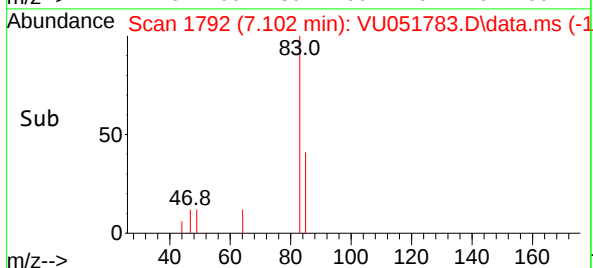
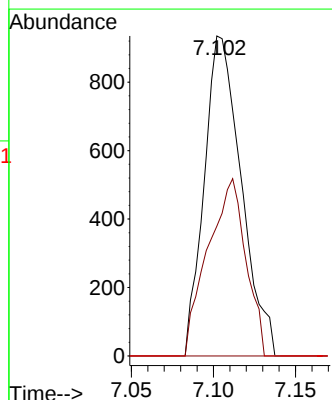
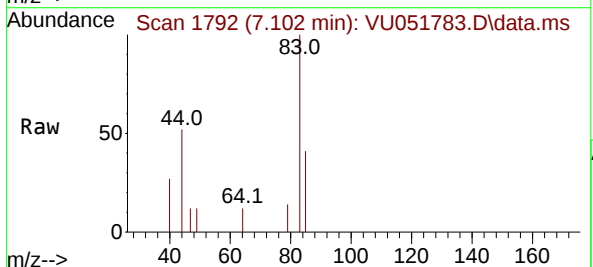
Instrument :
MSVOA_U
ClientSampleId :
H0AA5

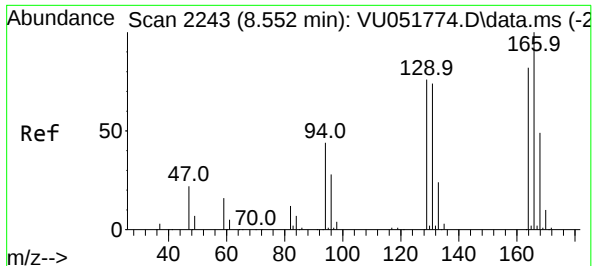
Tgt Ion: 95 Resp: 25845
Ion Ratio Lower Upper
95 100
97 66.6 45.2 84.0
132 94.6 66.5 123.5
130 100.7 68.3 126.8



#38
Bromodichloromethane
Concen: 0.053 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

Tgt Ion: 83 Resp: 1466
Ion Ratio Lower Upper
83 100
85 40.5 45.1 83.7#
127 0.0 6.6 9.8#





#47
Tetrachloroethene
Concen: 3.737 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

Instrument :
MSVOA_U
ClientSampleId :
H0AA5

Tgt Ion:164	Resp:	60350
Ion	Ratio	Lower Upper
164	100	
129	100.4	64.0 118.8
131	92.6	60.7 112.7
166	139.0	86.8 161.2

