

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051946.D
 Acq On : 19 Nov 2022 11:12
 Operator : JC/MD
 Sample : N5693-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84

Quant Time: Nov 19 21:42:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

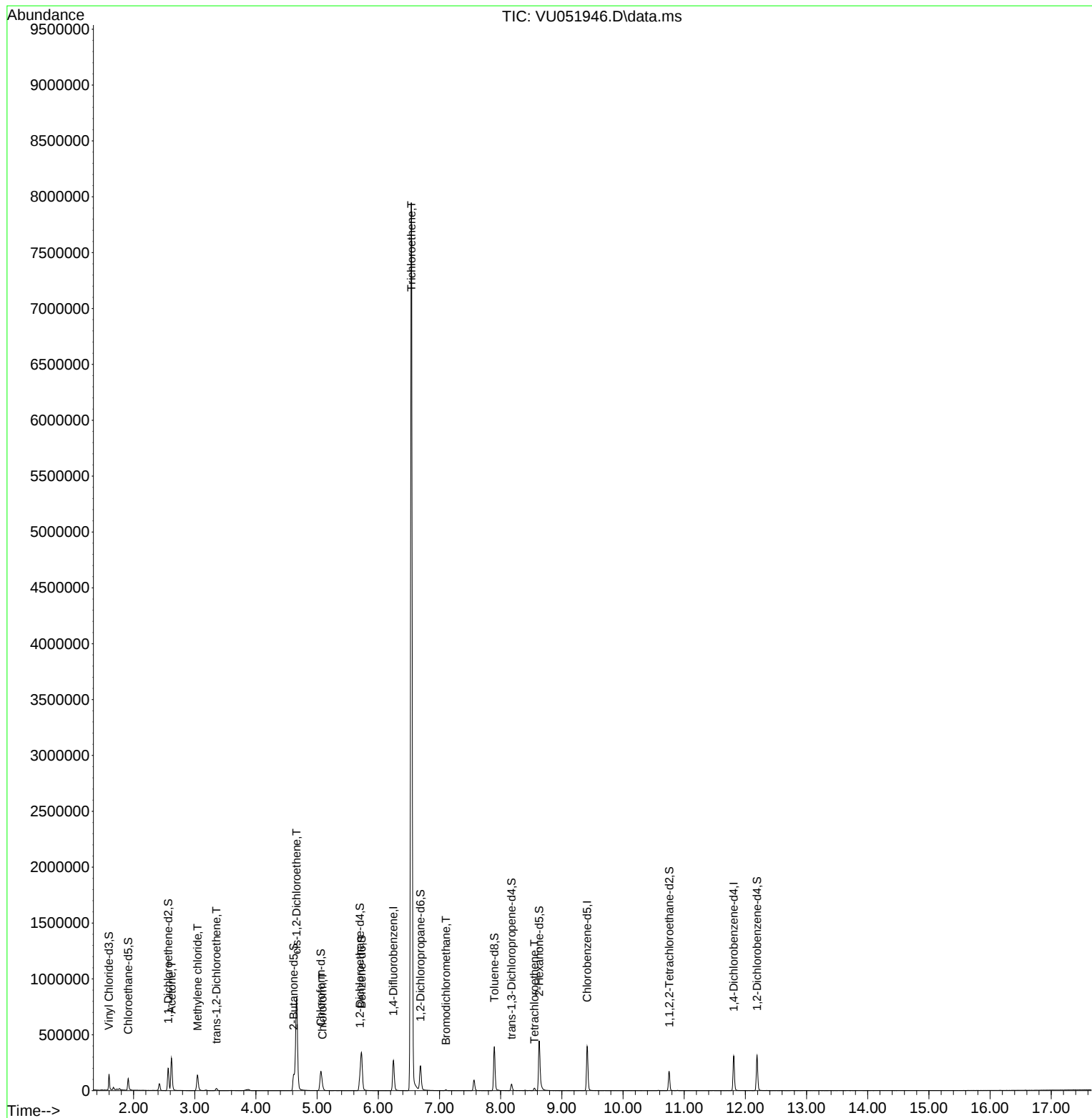
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	228006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104305	4.703	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.912	69	84387	4.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.565	65	38108	4.794	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.800%	
20) 2-Butanone-d5	4.617	46	196814	48.958	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.920%	
24) Chloroform-d	5.060	84	161888	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.700	65	83365	5.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.726	84	337812	4.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.690	67	110301	5.146	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.896	98	273423	4.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	8.179	79	33970	4.349	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.629	63	150614	45.497	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.000%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	88799	4.778	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	88989	5.335	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						
						Qvalue
13) Acetone	2.620	43	308992	113.189	ug/L	98
16) Methylene chloride	3.044	84	72550	3.242	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	8604	0.485	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	449486	24.156	ug/L	98
25) Chloroform	5.089	83	25372	0.784	ug/L	90
34) Trichloroethene	6.539	95	2808109	148.275	ug/L	99
38) Bromodichloromethane	7.105	83	5241	0.219	ug/L	97
47) Tetrachloroethene	8.552	164	5182	0.357	ug/L	92

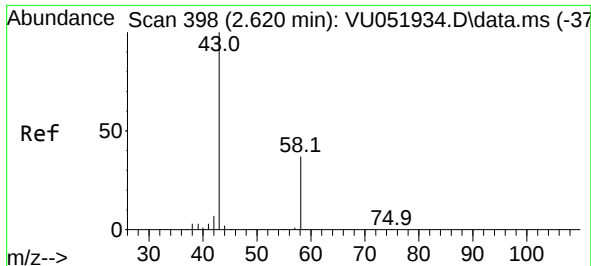
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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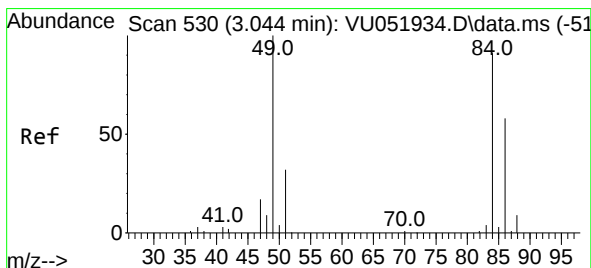
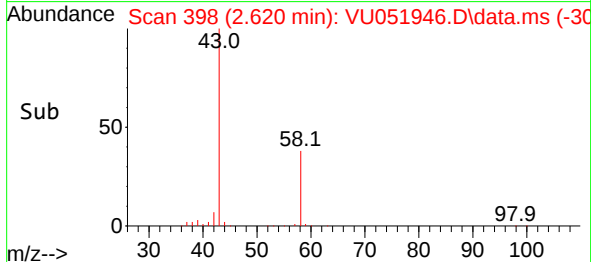
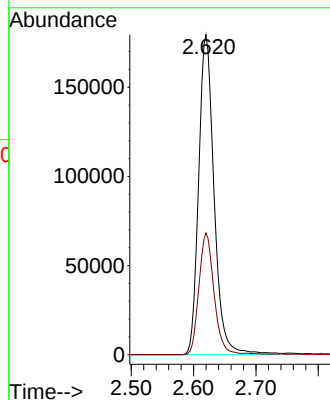
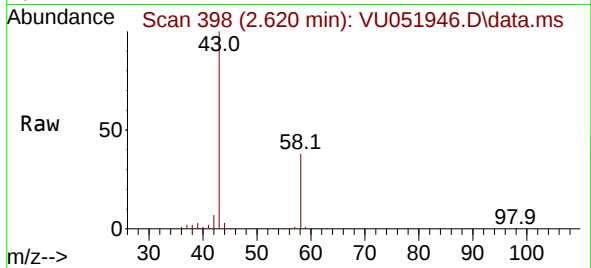




#13
Acetone
Concen: 113.189 ug/L
RT: 2.620 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

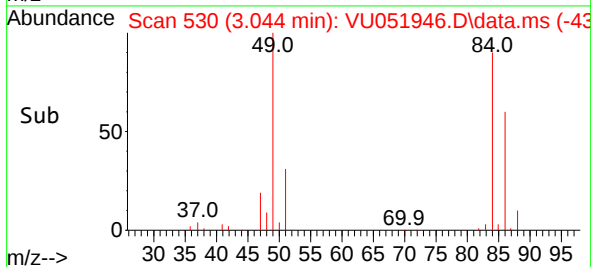
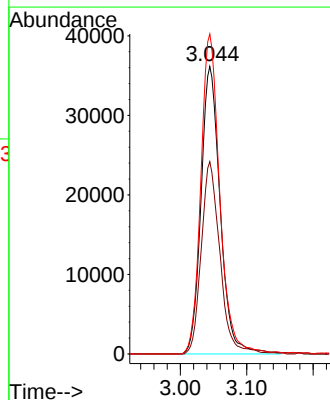
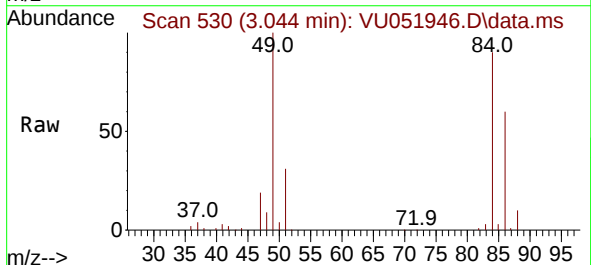
Instrument :
MSVOA_U
ClientSampleId :
GBN84

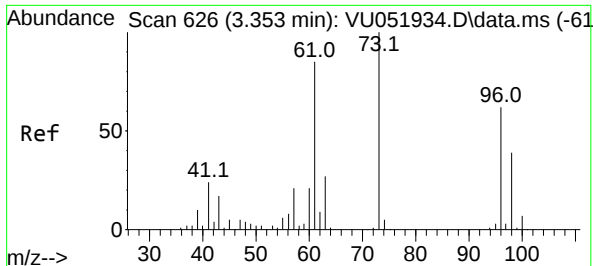
Tgt Ion: 43 Resp: 308992
Ion Ratio Lower Upper
43 100
58 37.0 0.0 76.0



#16
Methylene chloride
Concen: 3.242 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

Tgt Ion: 84 Resp: 72550
Ion Ratio Lower Upper
84 100
86 66.9 43.8 81.4
49 111.3 75.9 141.1

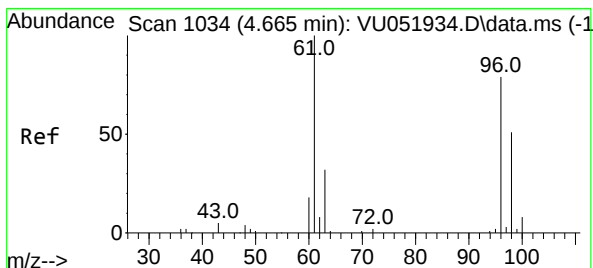
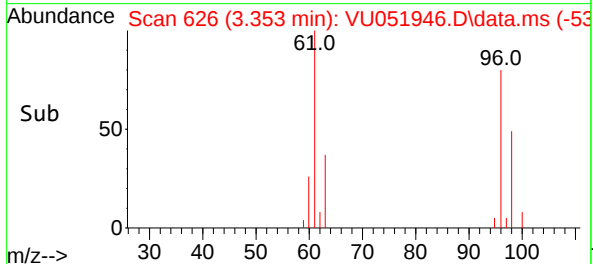
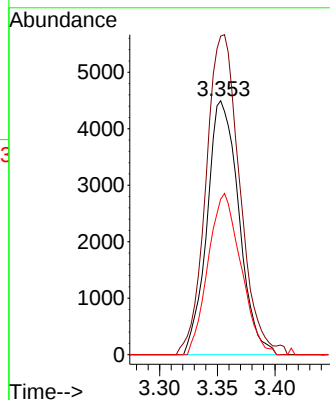
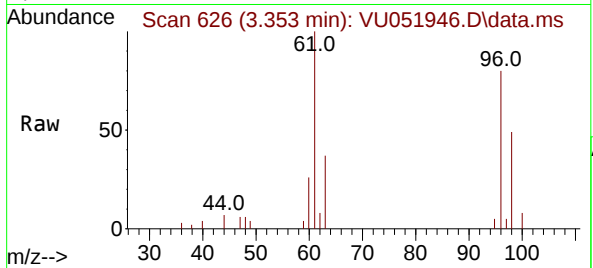




#18
trans-1,2-Dichloroethene
Concen: 0.485 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

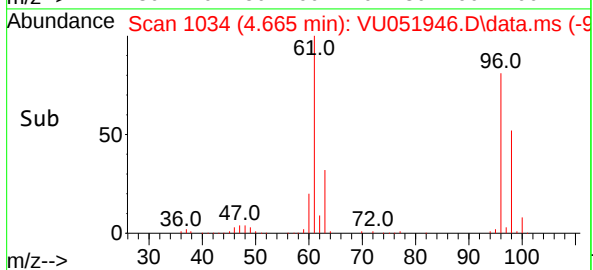
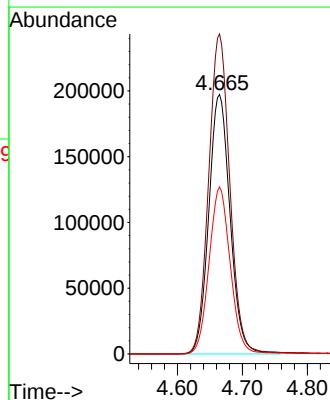
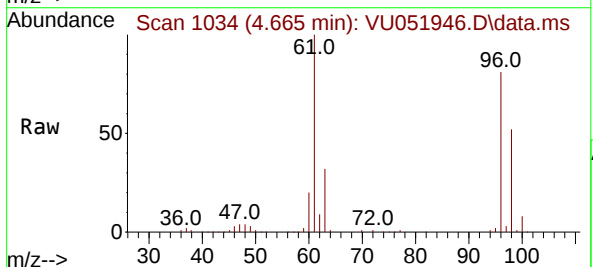
Instrument :
MSVOA_U
ClientSampleId :
GBN84

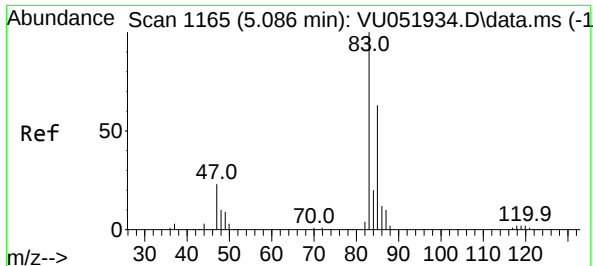
Tgt Ion: 96 Resp: 8604
Ion Ratio Lower Upper
96 100
61 125.4 97.9 181.7
98 61.3 43.8 81.3



#22
cis-1,2-Dichloroethene
Concen: 24.156 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

Tgt Ion: 96 Resp: 449486
Ion Ratio Lower Upper
96 100
61 123.3 85.1 158.1
98 64.4 42.8 79.6





#25

Chloroform

Concen: 0.784 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051946.D

Acq: 19 Nov 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

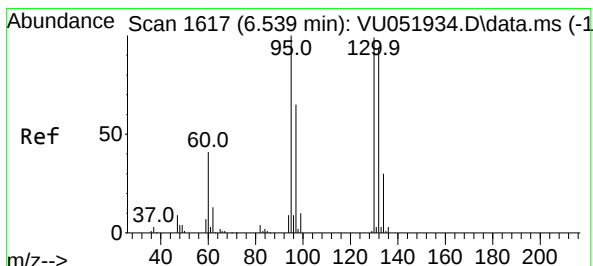
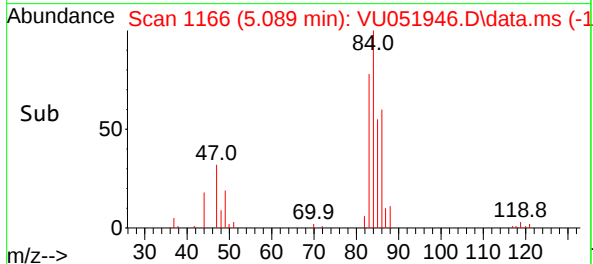
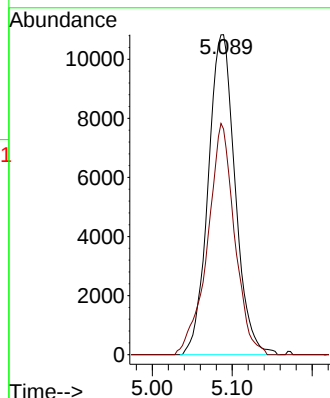
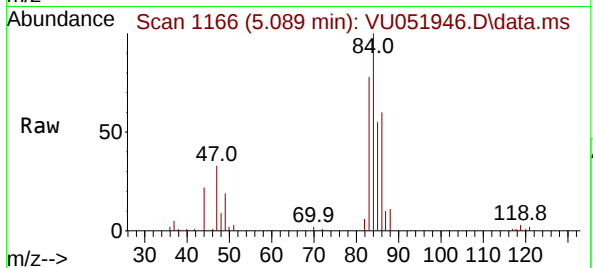
GBN84

Tgt Ion: 83 Resp: 25372

Ion Ratio Lower Upper

83 100

85 70.5 43.8 81.4



#34

Trichloroethene

Concen: 148.275 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU051946.D

Acq: 19 Nov 2022 11:12

Tgt Ion: 95 Resp: 2808109

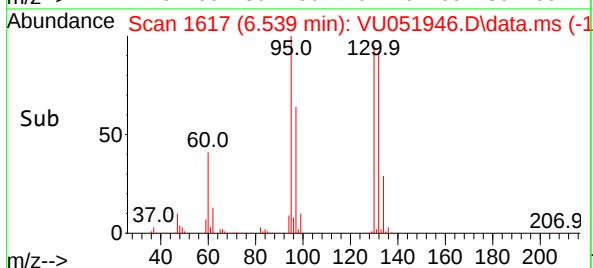
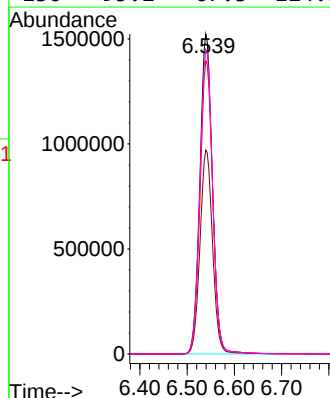
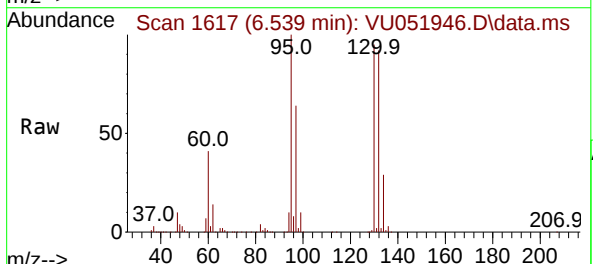
Ion Ratio Lower Upper

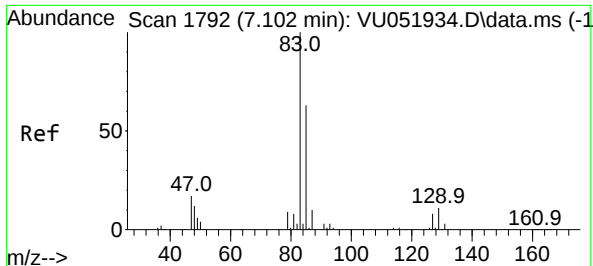
95 100

97 63.7 43.7 81.1

132 91.6 64.3 119.3

130 95.2 67.3 124.9





#38

Bromodichloromethane

Concen: 0.219 ug/L

RT: 7.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051946.D

Acq: 19 Nov 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

GBN84

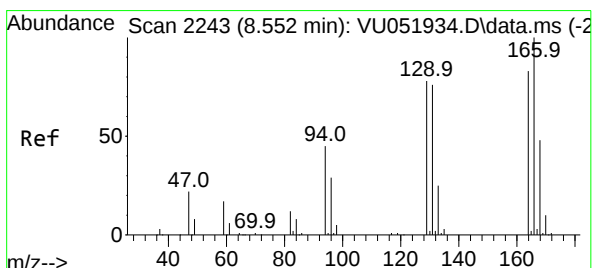
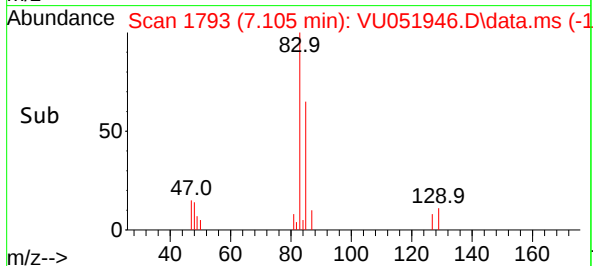
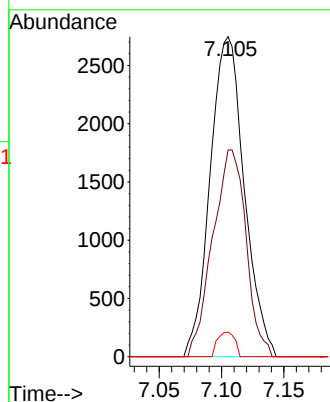
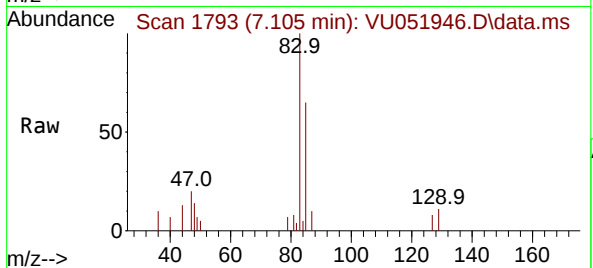
Tgt Ion: 83 Resp: 5241

Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.9

127 7.7 6.8 10.2



#47

Tetrachloroethene

Concen: 0.357 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051946.D

Acq: 19 Nov 2022 11:12

Tgt Ion: 164 Resp: 5182

Ion Ratio Lower Upper

164 100

129 106.5 67.4 125.2

131 94.9 67.1 124.7

166 140.4 89.7 166.5

