

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051949.D
 Acq On : 19 Nov 2022 12:33
 Operator : JC/MD
 Sample : N5693-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN87

Quant Time: Nov 19 21:43:21 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)

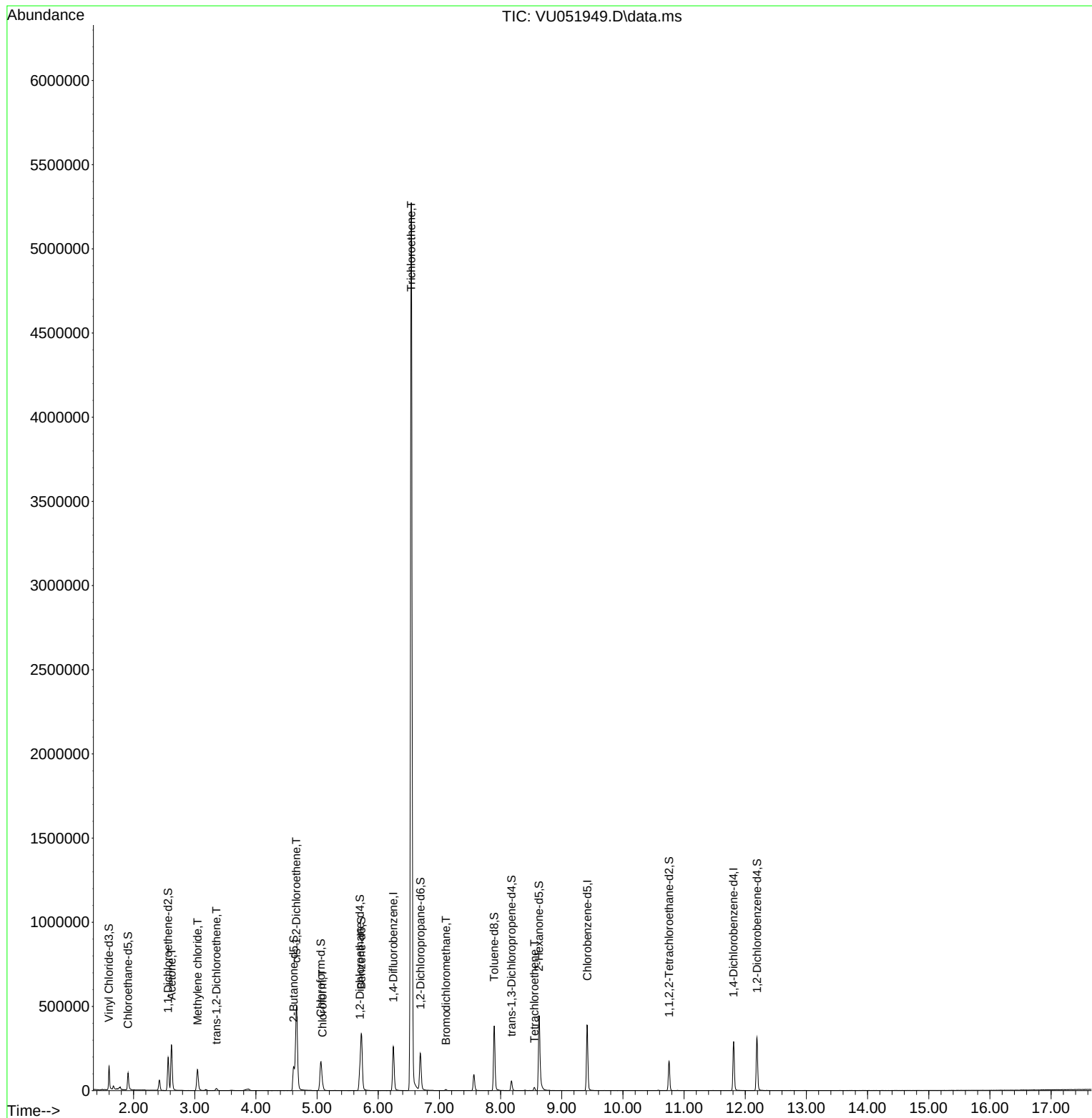
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	215515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	224640	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103729	4.948	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.000%	
7) Chloroethane-d5	1.909	69	84853	5.211	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.565	65	36953	4.918	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	4.616	46	194016	51.059	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.120%	
24) Chloroform-d	5.063	84	158998	5.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4	5.700	65	84820	5.452	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	5.726	84	334997	5.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.690	67	110270	5.343	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.896	98	270138	4.477	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	8.179	79	33081	4.398	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.629	63	153446	48.142	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.280%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90084	5.034	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	90184	5.558	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.200%	
Target Compounds						
					Qvalue	
13) Acetone	2.620	43	287390	111.378	ug/L	100
16) Methylene chloride	3.044	84	66477	3.143	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	5437	0.324	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	270289	15.367	ug/L	99
25) Chloroform	5.089	83	21260	0.695	ug/L	92
34) Trichloroethene	6.539	95	1844225	101.138	ug/L	99
38) Bromodichloromethane	7.105	83	4505	0.195	ug/L #	98
47) Tetrachloroethene	8.552	164	4271	0.306	ug/L	94

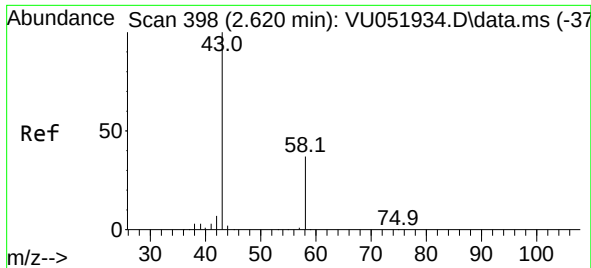
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 111.378 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU051949.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

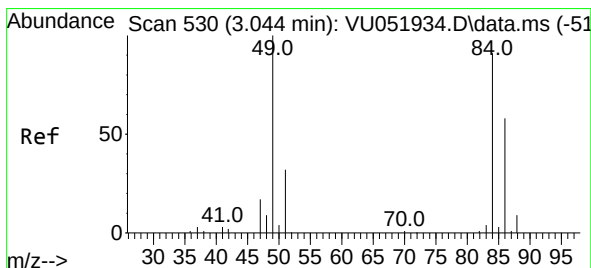
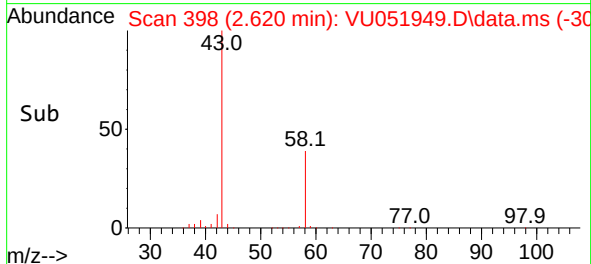
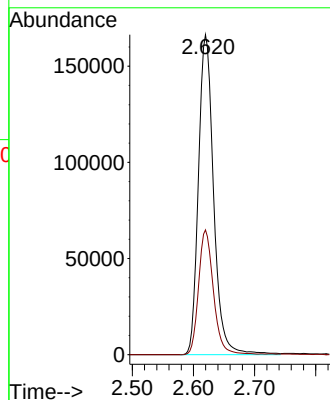
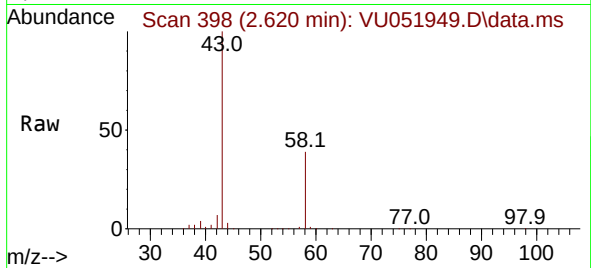
GBN87

Tgt Ion: 43 Resp: 287390

Ion Ratio Lower Upper

43 100

58 38.2 0.0 76.0



#16

Methylene chloride

Concen: 3.143 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU051949.D

Acq: 19 Nov 2022 12:33

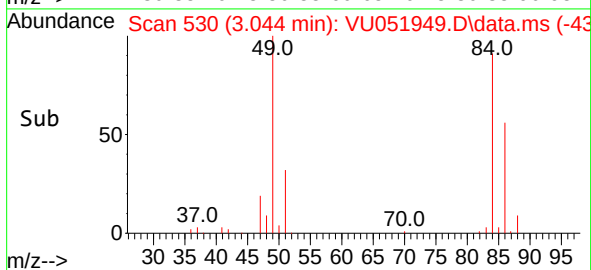
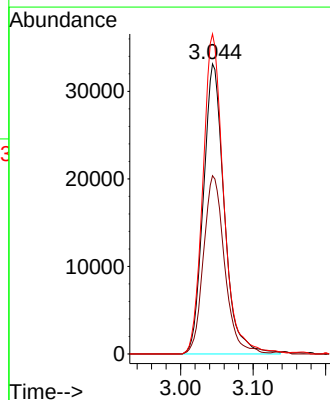
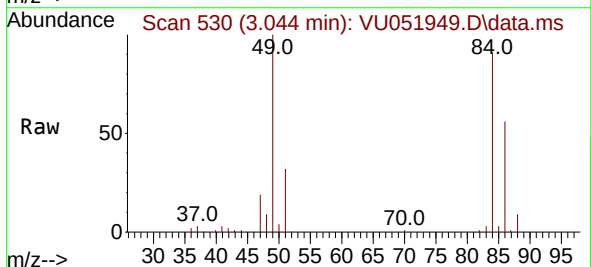
Tgt Ion: 84 Resp: 66477

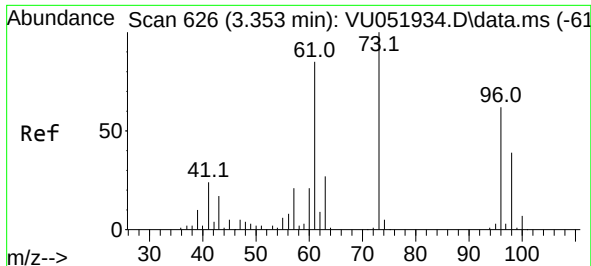
Ion Ratio Lower Upper

84 100

86 61.5 43.8 81.4

49 110.3 75.9 141.1

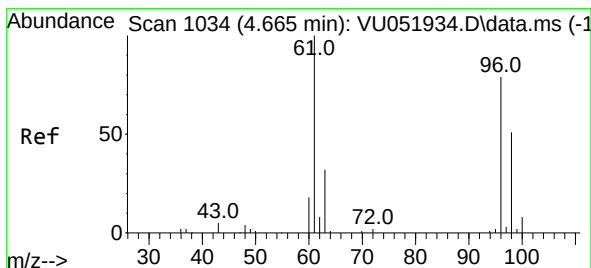
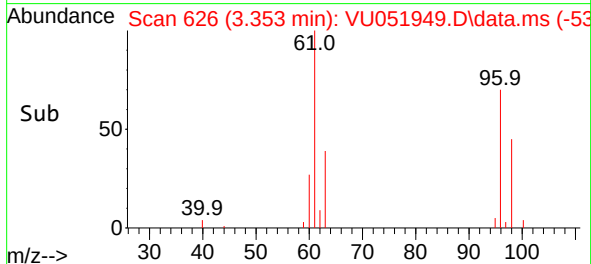
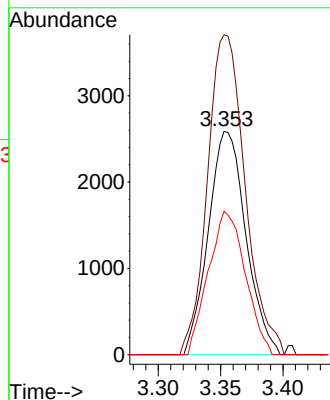
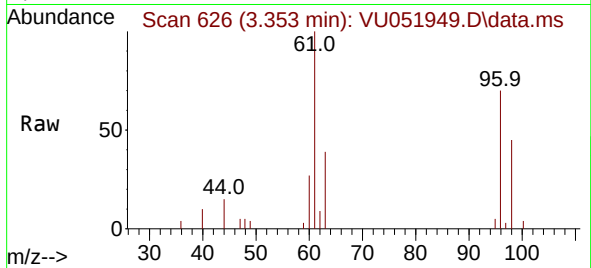




#18
trans-1,2-Dichloroethene
Concen: 0.324 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

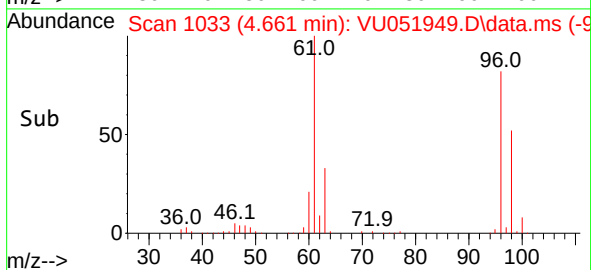
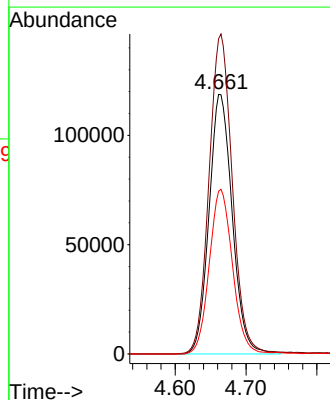
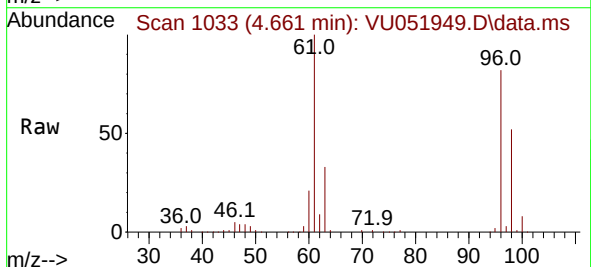
Instrument :
MSVOA_U
ClientSampleId :
GBN87

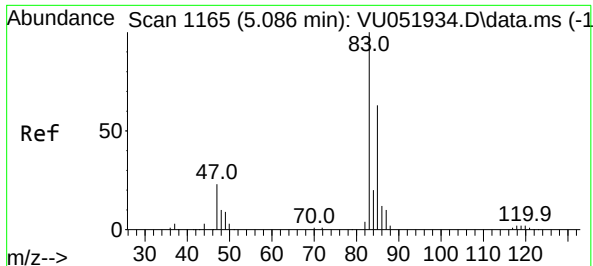
Tgt Ion: 96 Resp: 5437
Ion Ratio Lower Upper
96 100
61 143.2 97.9 181.7
98 64.2 43.8 81.3



#22
cis-1,2-Dichloroethene
Concen: 15.367 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 96 Resp: 270289
Ion Ratio Lower Upper
96 100
61 121.5 85.1 158.1
98 62.7 42.8 79.6





#25

Chloroform

Concen: 0.695 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051949.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

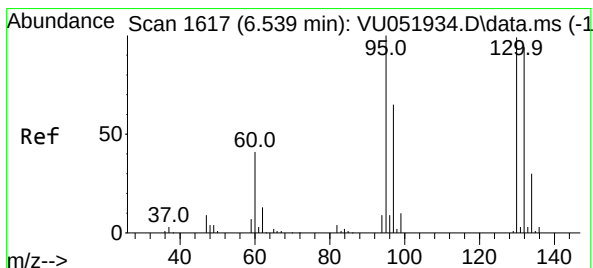
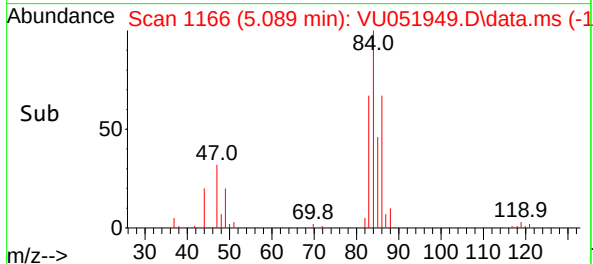
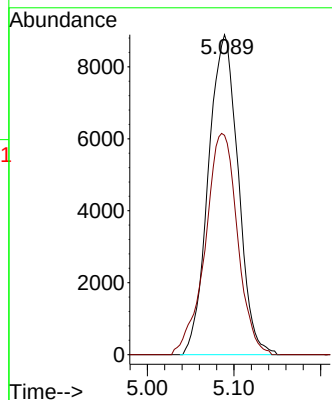
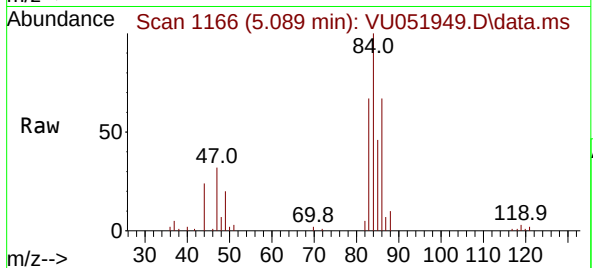
GBN87

Tgt Ion: 83 Resp: 21260

Ion Ratio Lower Upper

83 100

85 68.5 43.8 81.4



#34

Trichloroethene

Concen: 101.138 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU051949.D

Acq: 19 Nov 2022 12:33

Tgt Ion: 95 Resp: 1844225

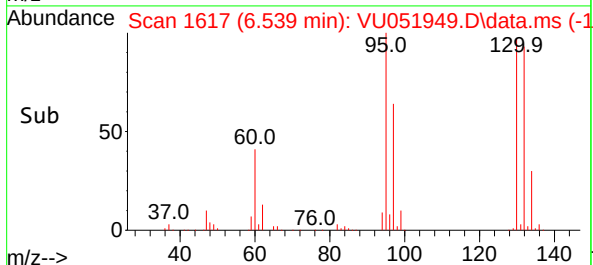
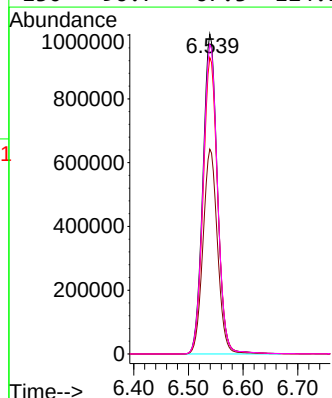
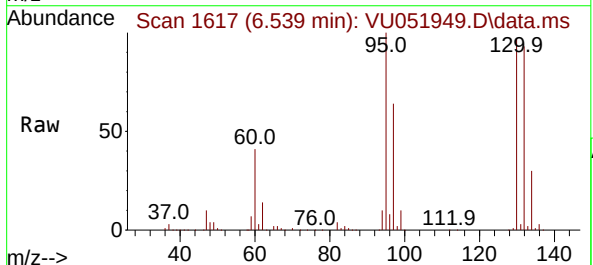
Ion Ratio Lower Upper

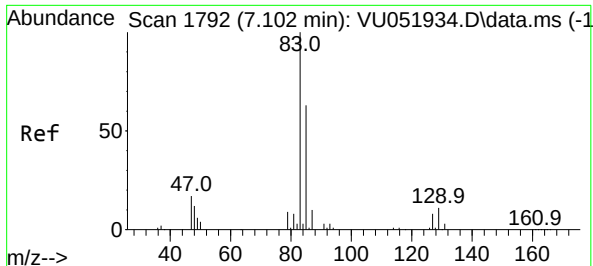
95 100

97 64.0 43.7 81.1

132 92.6 64.3 119.3

130 96.7 67.3 124.9

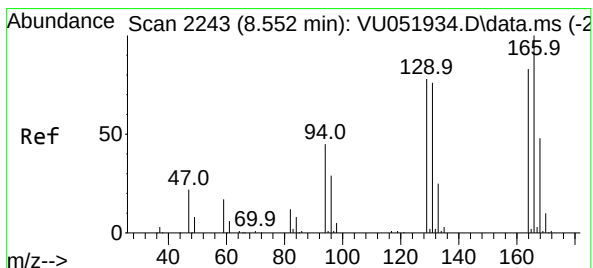
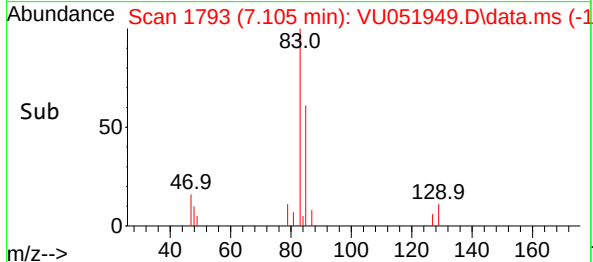
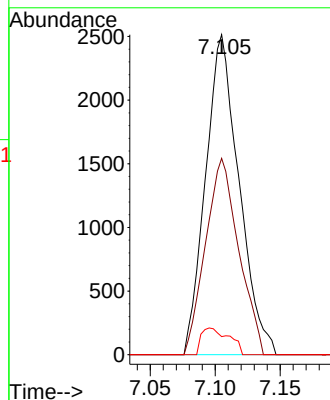
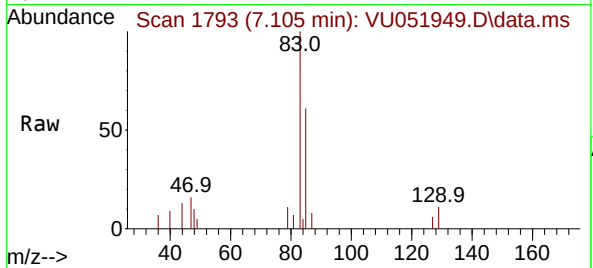




#38
Bromodichloromethane
Concen: 0.195 ug/L
RT: 7.105 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

Instrument :
MSVOA_U
ClientSampleId :
GBN87

Tgt Ion: 83 Resp: 4505
Ion Ratio Lower Upper
83 100
85 61.4 43.5 80.9
127 5.6 6.8 10.2#



#47
Tetrachloroethene
Concen: 0.306 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 164 Resp: 4271
Ion Ratio Lower Upper
164 100
129 104.4 67.4 125.2
131 100.6 67.1 124.7
166 122.6 89.7 166.5

