

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051948.D
 Acq On : 19 Nov 2022 12:06
 Operator : JC/MD
 Sample : N5693-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN86

Quant Time: Nov 19 21:43:09 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

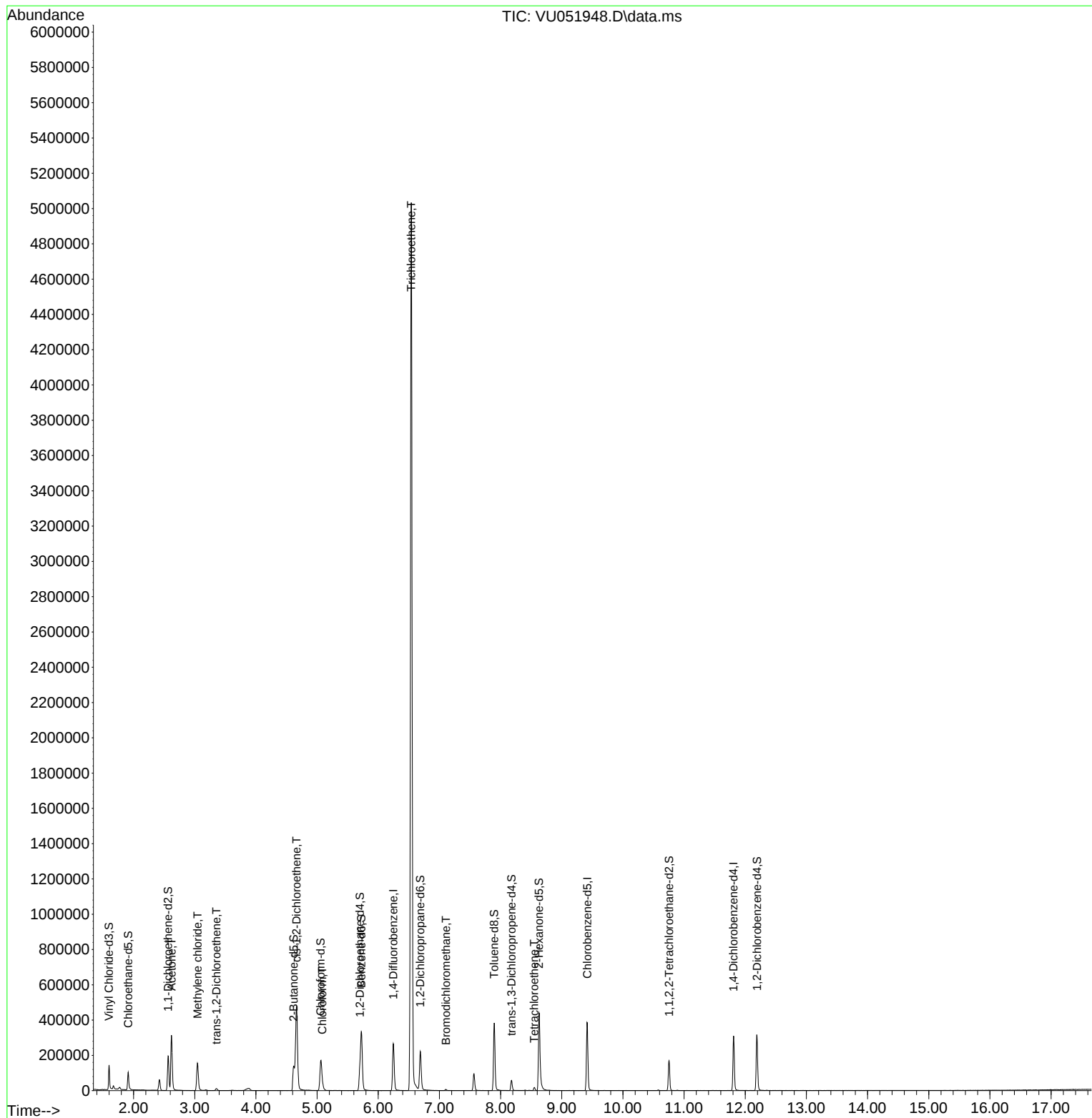
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	221651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	226346	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104489	4.846	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.000%	
7) Chloroethane-d5	1.912	69	82037	4.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.565	65	37584	4.863	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.200%	
20) 2-Butanone-d5	4.616	46	198256	50.730	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.460%	
24) Chloroform-d	5.060	84	159918	5.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.700	65	81864	5.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.726	84	332808	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.687	67	107636	5.176	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.896	98	269694	4.436	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.179	79	33466	4.416	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.629	63	149647	46.596	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.200%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	88476	4.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	88306	5.291	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
					Qvalue	
13) Acetone	2.620	43	332706	125.370	ug/L	99
16) Methylene chloride	3.044	84	81527	3.748	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	5246	0.304	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	258208	14.274	ug/L	97
25) Chloroform	5.086	83	22544	0.716	ug/L	89
34) Trichloroethene	6.539	95	1761537	95.875	ug/L	98
38) Bromodichloromethane	7.105	83	4541	0.195	ug/L	91
47) Tetrachloroethene	8.549	164	4195	0.298	ug/L	93

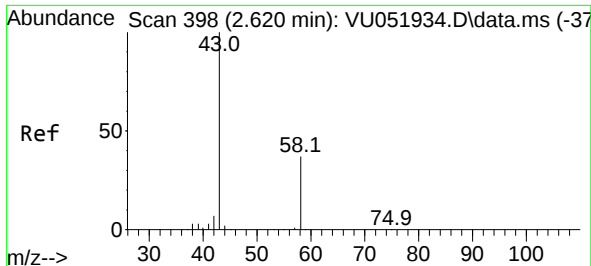
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 125.370 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU051948.D

Acq: 19 Nov 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

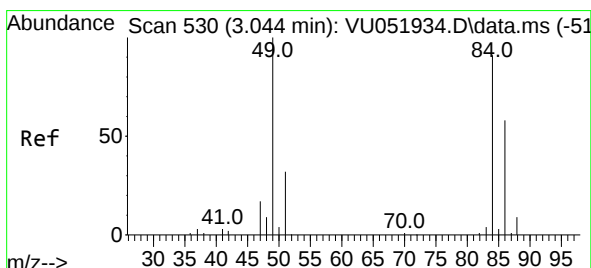
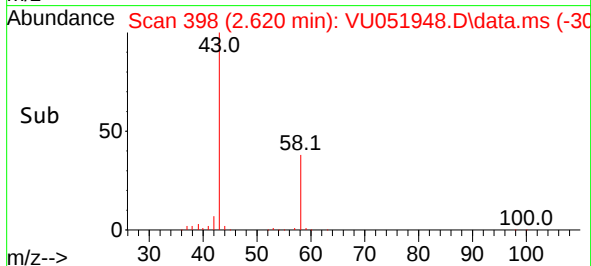
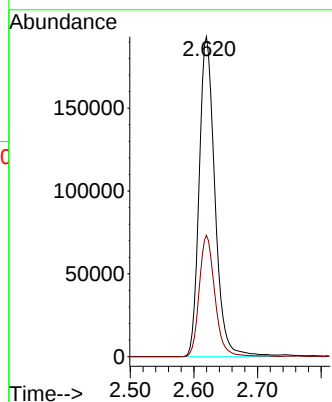
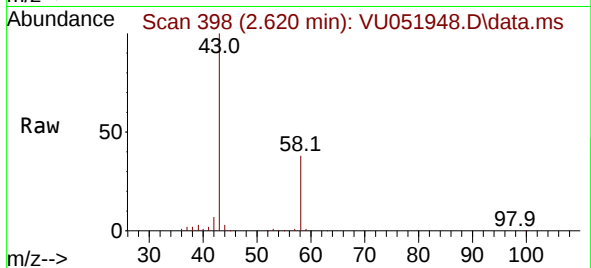
GBN86

Tgt Ion: 43 Resp: 332706

Ion Ratio Lower Upper

43 100

58 37.6 0.0 76.0



#16

Methylene chloride

Concen: 3.748 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU051948.D

Acq: 19 Nov 2022 12:06

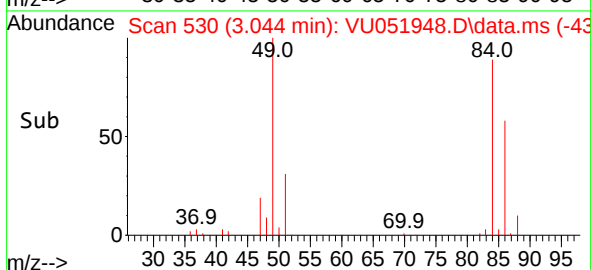
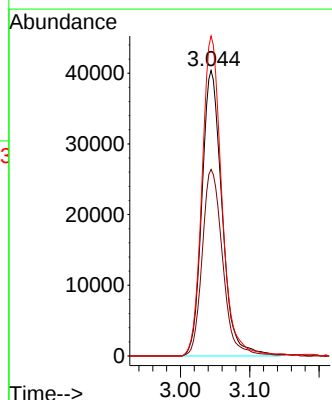
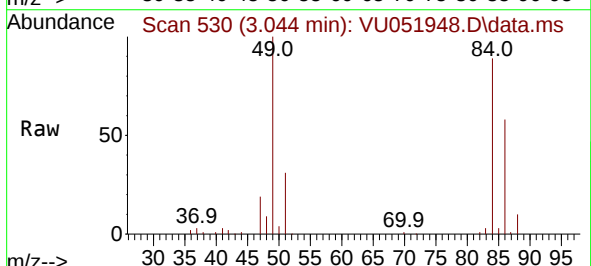
Tgt Ion: 84 Resp: 81527

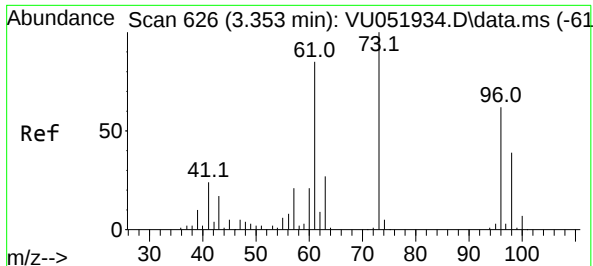
Ion Ratio Lower Upper

84 100

86 65.3 43.8 81.4

49 112.1 75.9 141.1

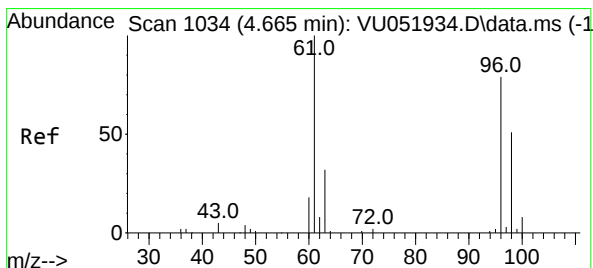
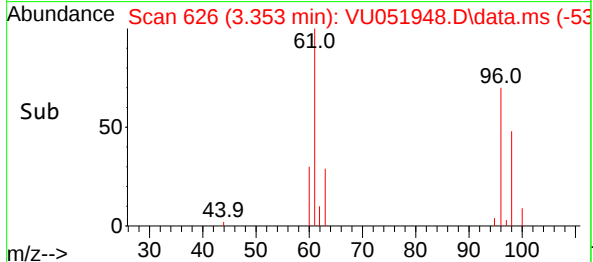
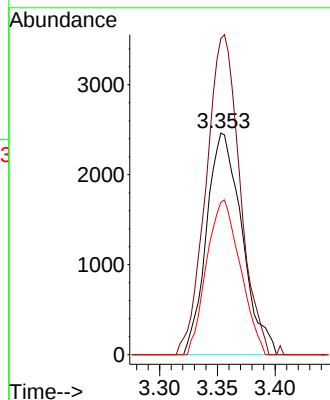
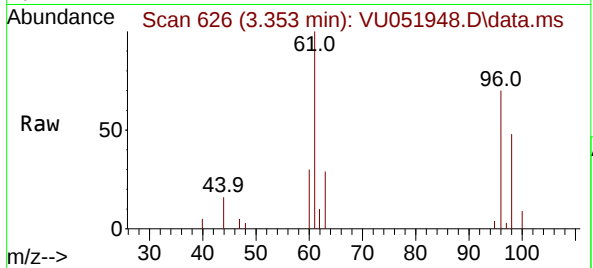




#18
trans-1,2-Dichloroethene
Concen: 0.304 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051948.D
Acq: 19 Nov 2022 12:06

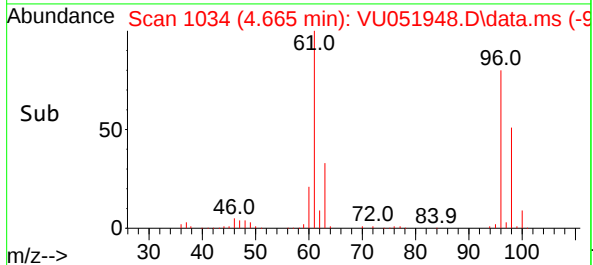
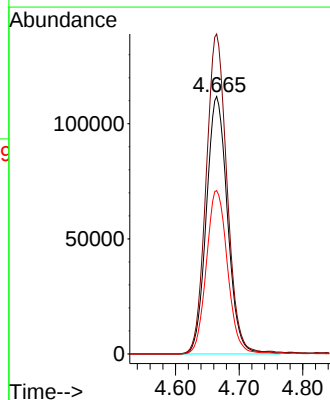
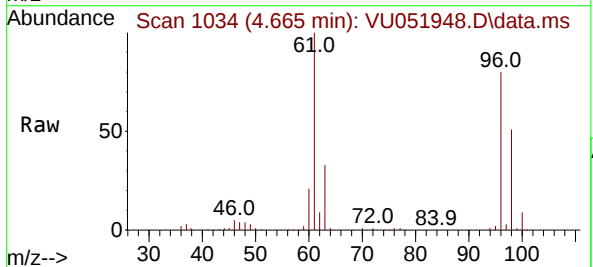
Instrument :
MSVOA_U
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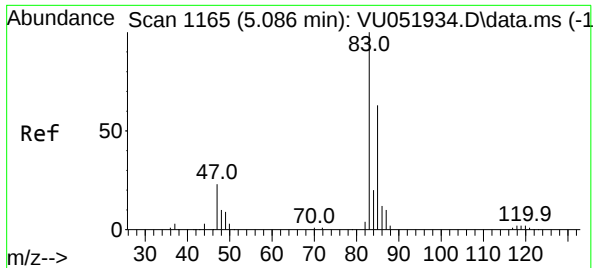
Tgt Ion: 96 Resp: 5246
Ion Ratio Lower Upper
96 100
61 142.6 97.9 181.7
98 68.8 43.8 81.3



#22
cis-1,2-Dichloroethene
Concen: 14.274 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051948.D
Acq: 19 Nov 2022 12:06

Tgt Ion: 96 Resp: 258208
Ion Ratio Lower Upper
96 100
61 124.3 85.1 158.1
98 63.5 42.8 79.6

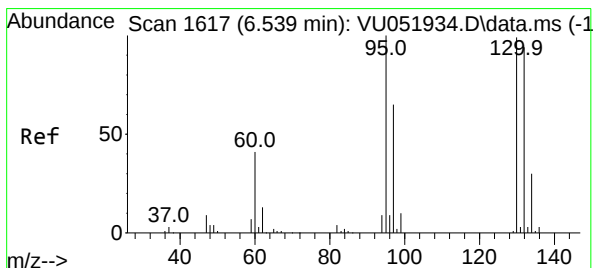
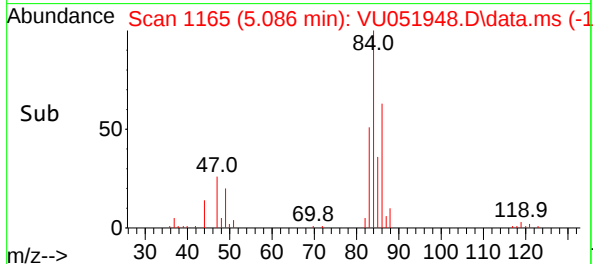
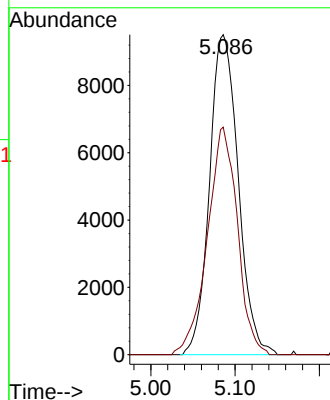
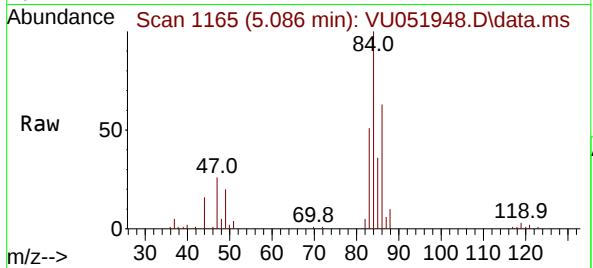




#25
Chloroform
Concen: 0.716 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051948.D
Acq: 19 Nov 2022 12:06

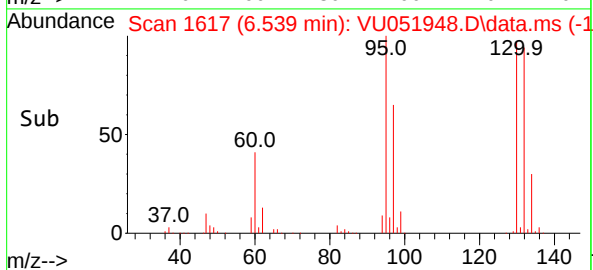
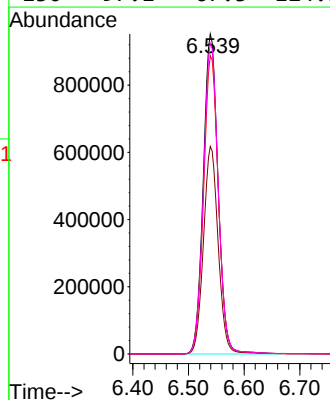
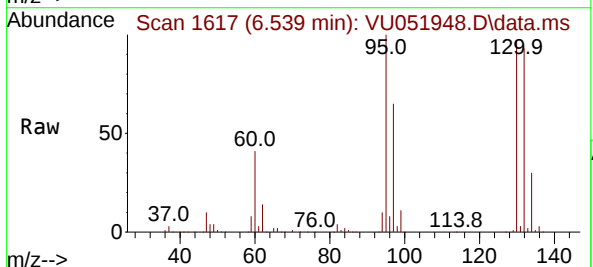
Instrument :
MSVOA_U
ClientSampleId :
GBN86

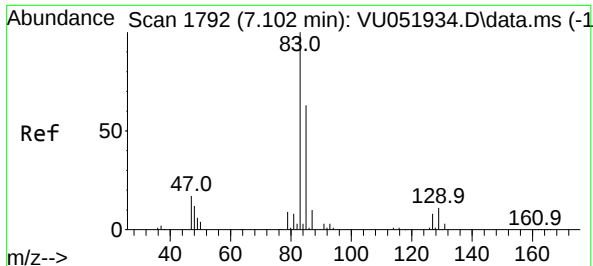
Tgt Ion: 83 Resp: 22544
Ion Ratio Lower Upper
83 100
85 71.1 43.8 81.4



#34
Trichloroethene
Concen: 95.875 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051948.D
Acq: 19 Nov 2022 12:06

Tgt Ion: 95 Resp: 1761537
Ion Ratio Lower Upper
95 100
97 64.9 43.7 81.1
132 93.2 64.3 119.3
130 97.1 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: VU051948.D

Acq: 19 Nov 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

GBN86

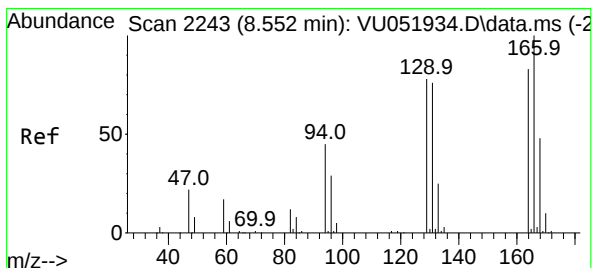
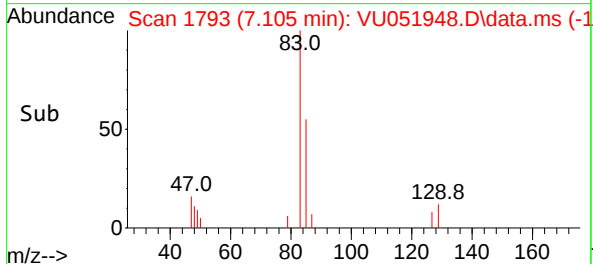
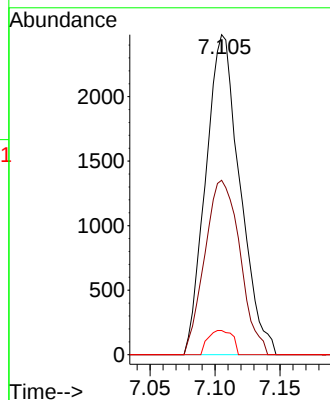
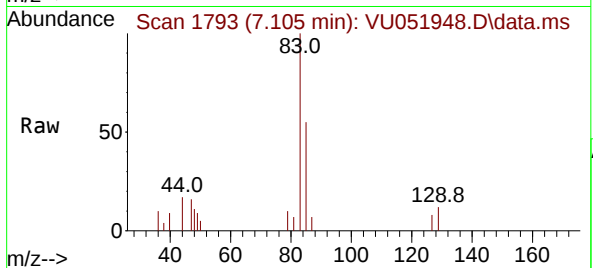
Tgt Ion: 83 Resp: 4541

Ion Ratio Lower Upper

83 100

85 54.5 43.5 80.9

127 7.6 6.8 10.2



#47

Tetrachloroethene

Concen: 0.298 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU051948.D

Acq: 19 Nov 2022 12:06

Tgt Ion:164 Resp: 4195

Ion Ratio Lower Upper

164 100

129 81.3 67.4 125.2

131 92.6 67.1 124.7

166 131.5 89.7 166.5

