

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051952.D
 Acq On : 19 Nov 2022 13:52
 Operator : JC/MD
 Sample : N5693-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN90

Quant Time: Nov 19 21:44:03 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

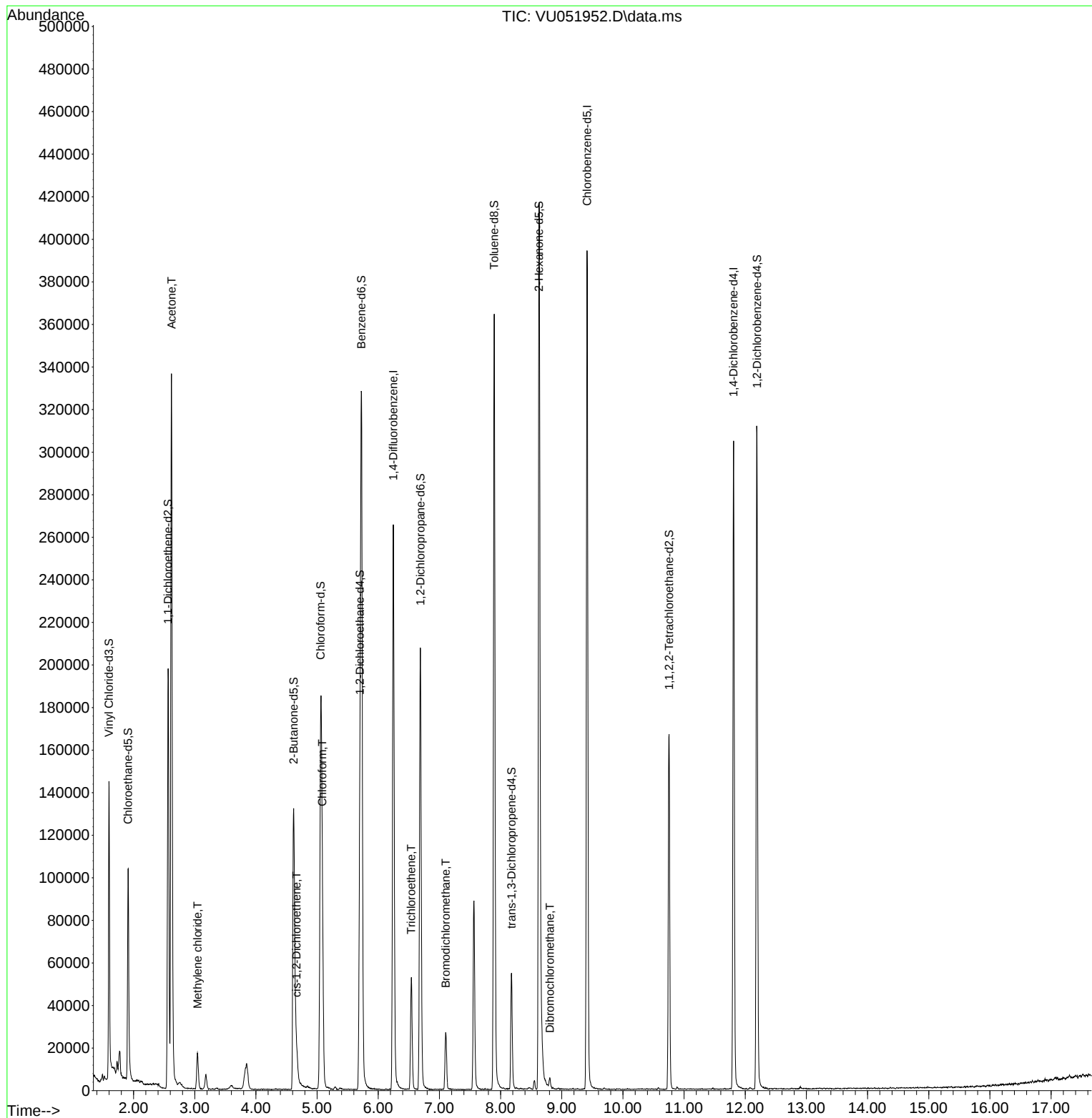
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220552	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103066	4.804	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.909	69	83112	4.988	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.565	65	37964	4.937	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.800%	
20) 2-Butanone-d5	4.617	46	186948	48.075	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.160%	
24) Chloroform-d	5.060	84	160661	5.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.700	65	82006	5.151	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.726	84	327997	4.838	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.690	67	106250	5.064	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.896	98	253818	4.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	8.179	79	32467	4.246	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.629	63	141037	43.524	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.040%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87757	4.824	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	85721	5.227	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
13) Acetone	2.620	43	356397	134.967	ug/L	99
16) Methylene chloride	3.044	84	8719	0.403	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	5010	0.278	ug/L	86
25) Chloroform	5.086	83	62553	1.997	ug/L	96
34) Trichloroethene	6.539	95	18147	0.979	ug/L	97
38) Bromodichloromethane	7.102	83	19104	0.814	ug/L	94
49) Dibromochloromethane	8.806	129	2219	0.137	ug/L	95

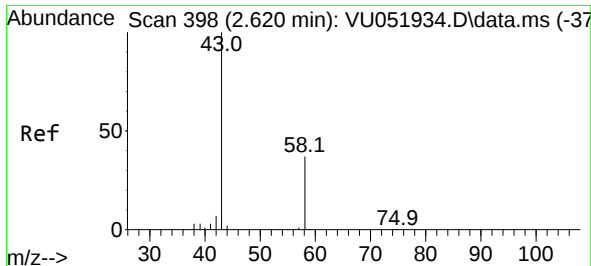
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 134.967 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU051952.D

Acq: 19 Nov 2022 13:52

Instrument :

MSVOA_U

ClientSampleId :

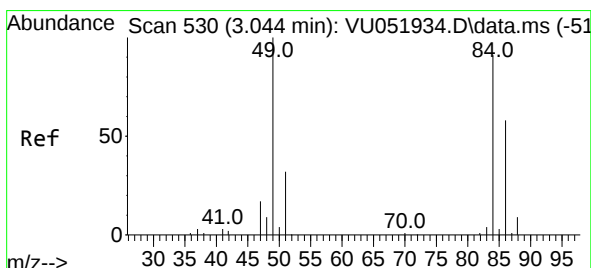
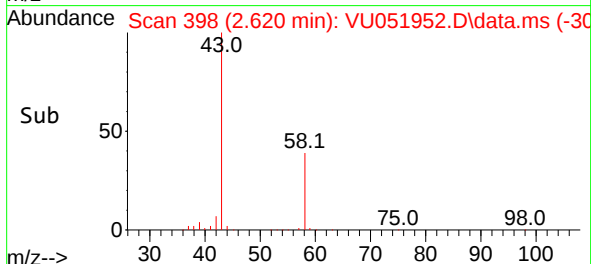
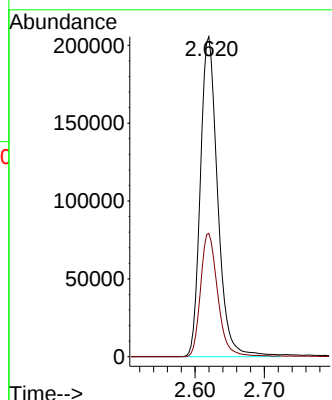
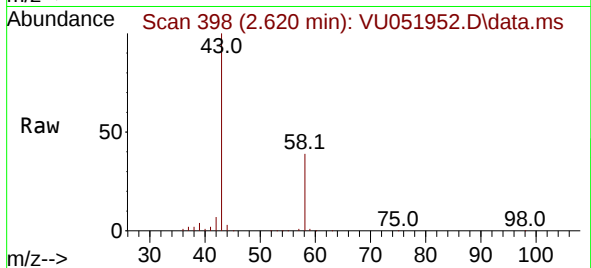
GBN90

Tgt Ion: 43 Resp: 356397

Ion Ratio Lower Upper

43 100

58 38.4 0.0 76.0



#16

Methylene chloride

Concen: 0.403 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU051952.D

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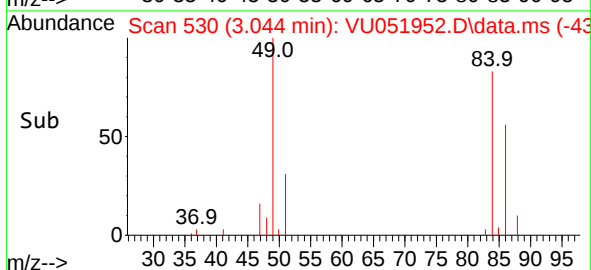
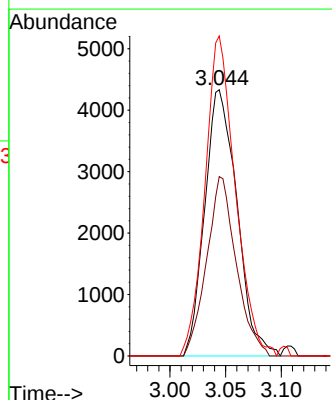
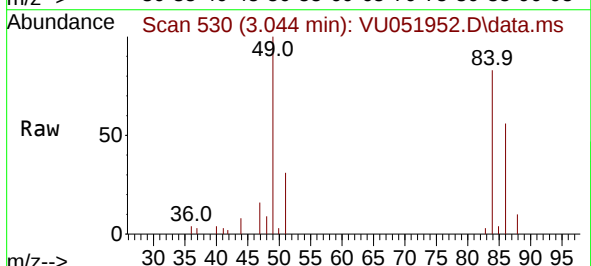
Tgt Ion: 84 Resp: 8719

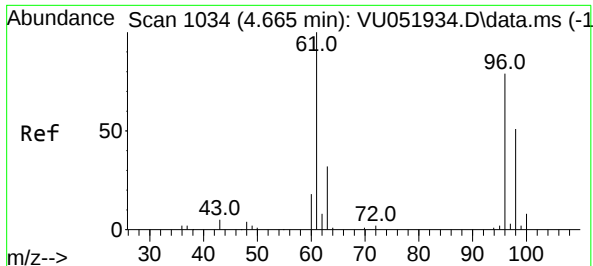
Ion Ratio Lower Upper

84 100

86 67.4 43.8 81.4

49 120.2 75.9 141.1

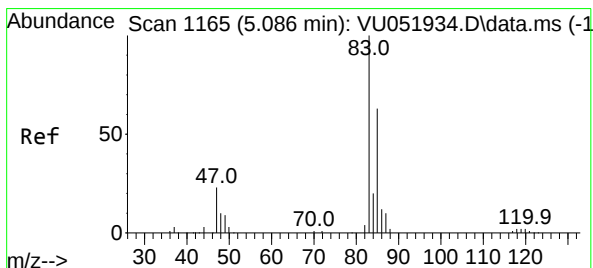
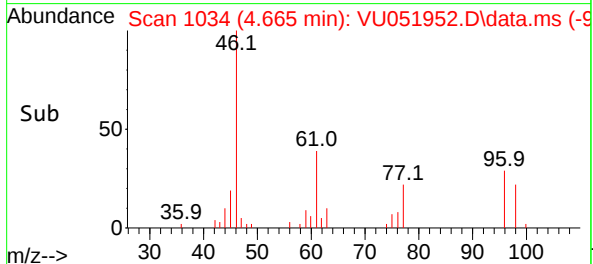
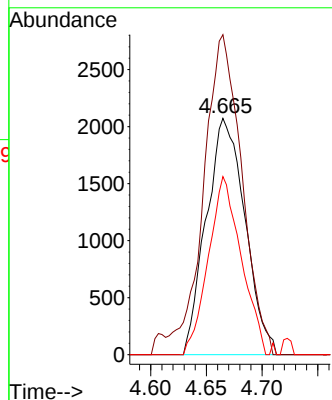
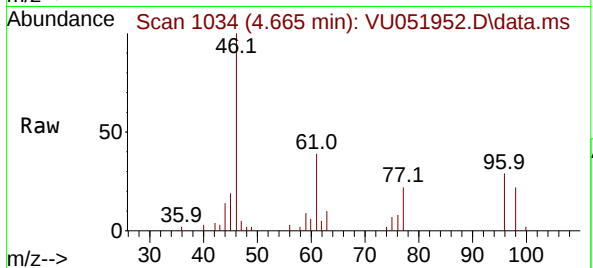




#22
 cis-1,2-Dichloroethene
 Concen: 0.278 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051952.D
 Acq: 19 Nov 2022 13:52

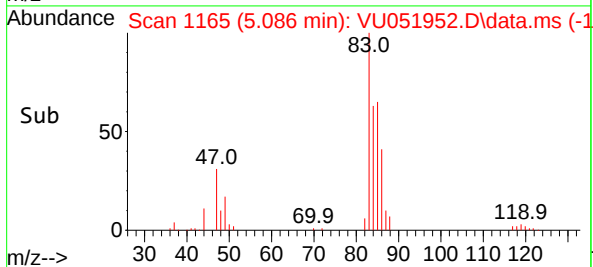
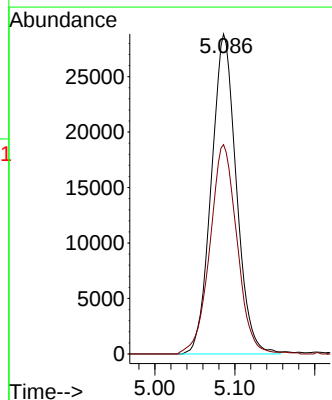
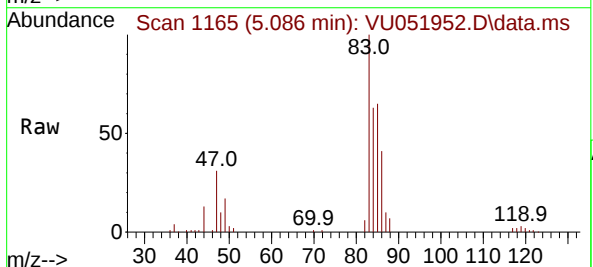
Instrument :
 MSVOA_U
 ClientSampleId :
 GBN90

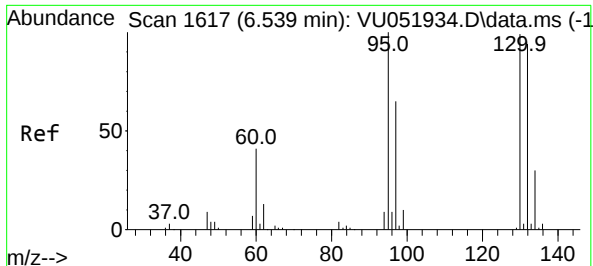
Tgt Ion: 96 Resp: 5010
 Ion Ratio Lower Upper
 96 100
 61 135.4 85.1 158.1
 98 75.3 42.8 79.6



#25
 Chloroform
 Concen: 1.997 ug/L
 RT: 5.086 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: VU051952.D
 Acq: 19 Nov 2022 13:52

Tgt Ion: 83 Resp: 62553
 Ion Ratio Lower Upper
 83 100
 85 65.4 43.8 81.4



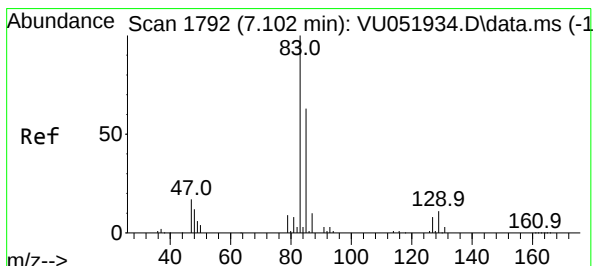
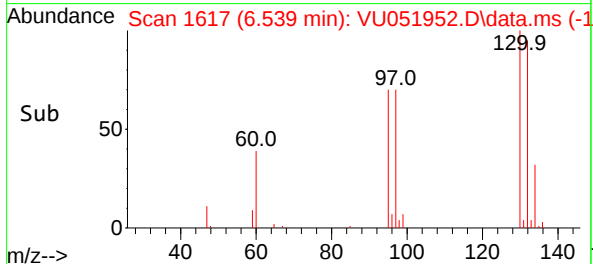
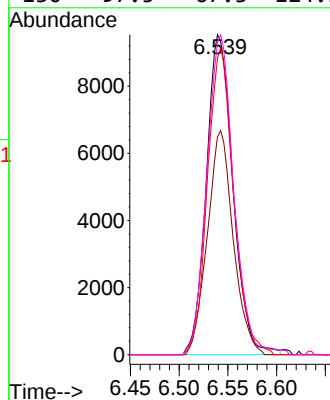
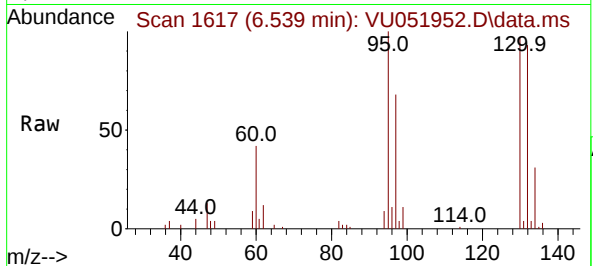


#34
Trichloroethene
Concen: 0.979 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

Instrument :
MSVOA_U
ClientSampleId :
GBN90

Tgt Ion: 95 Resp: 18147

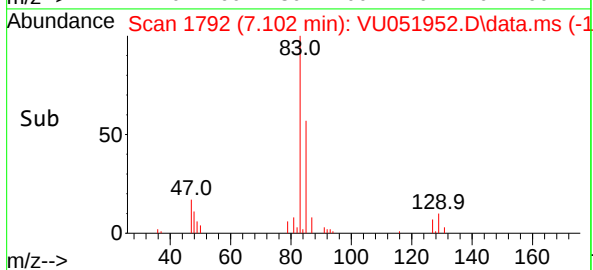
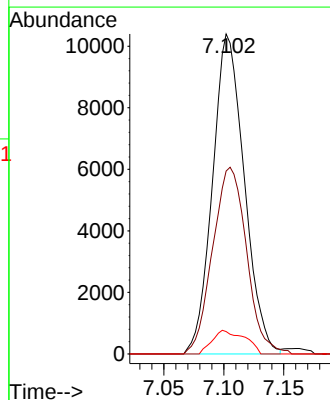
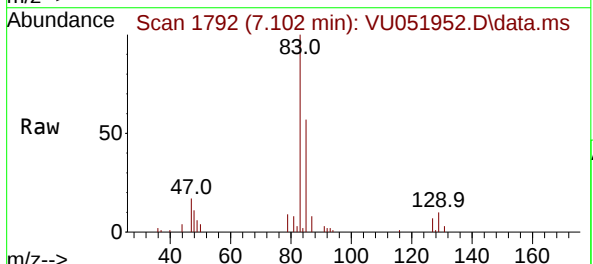
Ion	Ratio	Lower	Upper
95	100		
97	68.1	43.7	81.1
132	92.7	64.3	119.3
130	97.5	67.3	124.9

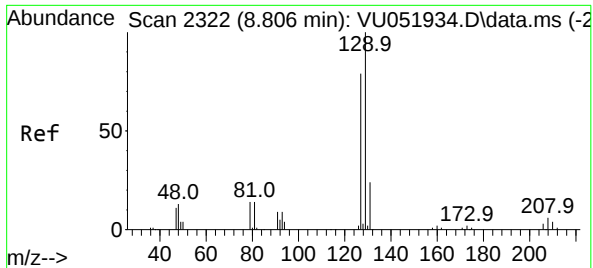


#38
Bromodichloromethane
Concen: 0.814 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

Tgt Ion: 83 Resp: 19104

Ion	Ratio	Lower	Upper
83	100		
85	57.1	43.5	80.9
127	7.0	6.8	10.2





#49
 Dibromochloromethane
 Concen: 0.137 ug/L
 RT: 8.806 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051952.D
 Acq: 19 Nov 2022 13:52

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN90

Tgt Ion:129 Resp: 2219
 Ion Ratio Lower Upper
 129 100
 127 71.6 52.8 98.2

