

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052085.D
 Acq On : 23 Nov 2022 11:50
 Operator : JC/MD
 Sample : N5760-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL23

Quant Time: Nov 24 08:58:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

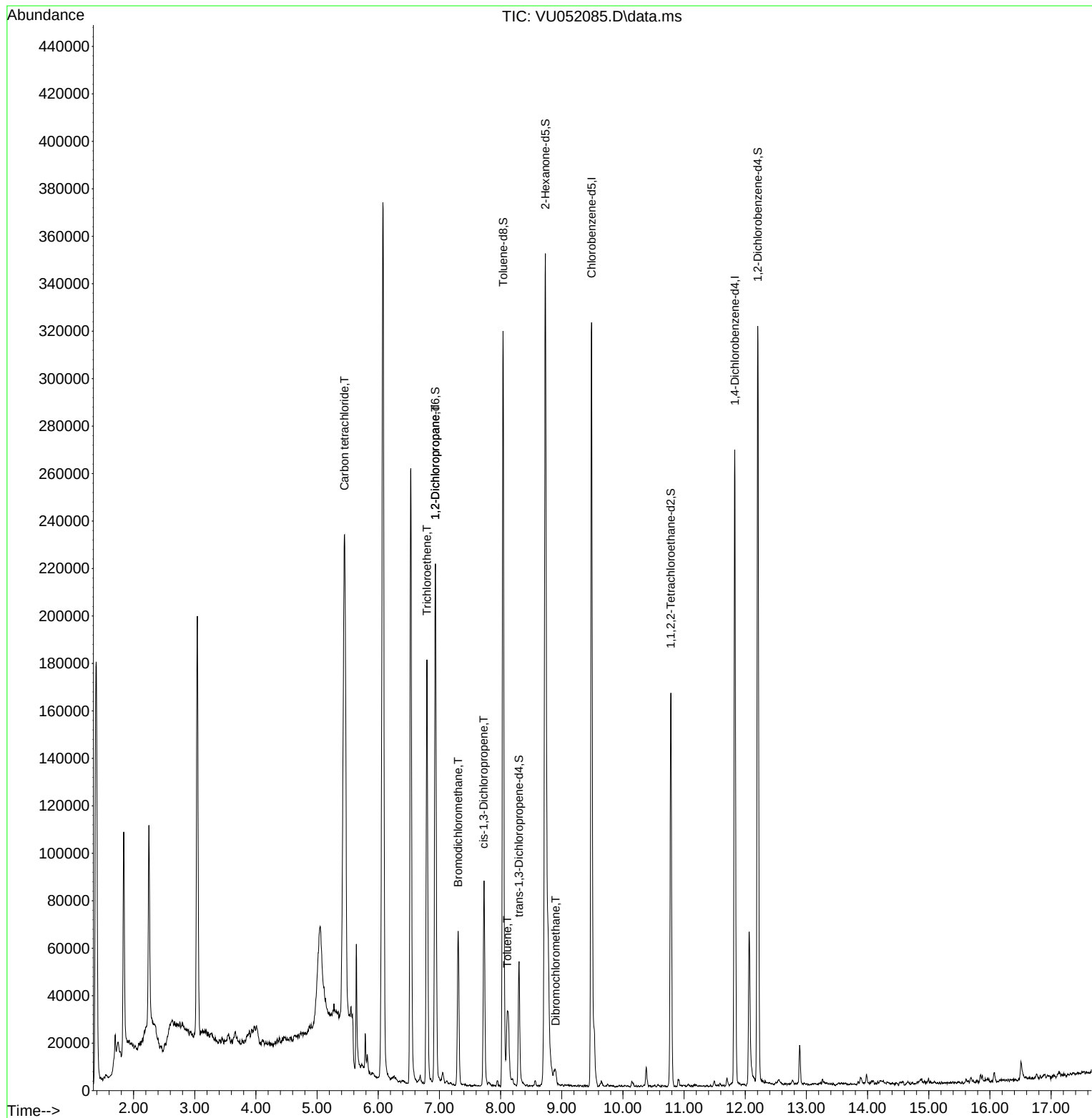
Internal Standards						
1) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/L	-6.25
28) Chlorobenzene-d5	9.488	117	202350	5.000	ug/L	0.07
58) 1,4-Dichlorobenzene-d4	11.828	152	77434	5.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.838	65	96594	0.000	ug/L	0.24
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	2.083	69	48	0.000	ug/L	0.17
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	2.572	65	228	0.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.607	46	323	0.000	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.157	84	74	0.000	ug/L	0.10
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	5.587	65	76	0.000	ug/L	-0.11
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
32) Benzene-d6	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.000%#
36) 1,2-Dichloropropane-d6	6.935	67	103966	5.592	ug/L	0.25
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.800%
41) Toluene-d8	8.041	98	221111	4.068	ug/L	0.14
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.301	79	31550	4.657	ug/L	0.12
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.732	63	162455	56.582	ug/L	0.10
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.160%
56) 1,1,2,2-Tetrachloroeth...	10.783	84	89435	5.548	ug/L	0.03
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.205	152	91783	6.191	ug/L	0.02
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.800%#
Target Compounds						
					Qvalue	
31) Carbon tetrachloride	5.446	117	2171	0.114	ug/L #	37
34) Trichloroethene	6.796	95	57860	3.523	ug/L	97
37) 1,2-Dichloropropane	6.935	63	10547	0.619	ug/L #	95
38) Bromodichloromethane	7.304	83	43591	2.097	ug/L	100
39) cis-1,3-Dichloropropene	7.726	75	2096	0.096	ug/L #	44
42) Toluene	8.108	91	17131	0.253	ug/L	92
49) Dibromochloromethane	8.899	129	1877	0.131	ug/L	99

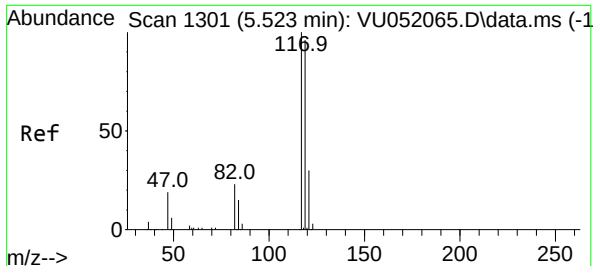
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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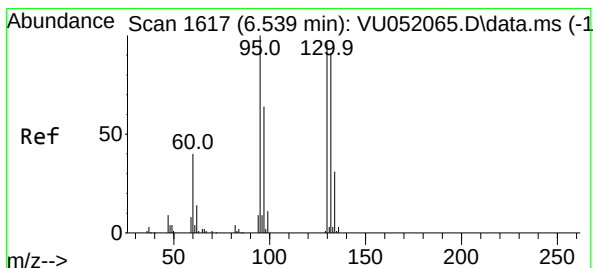
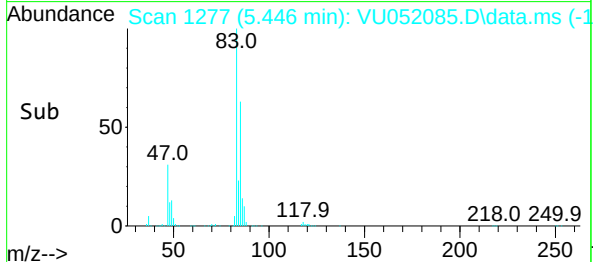
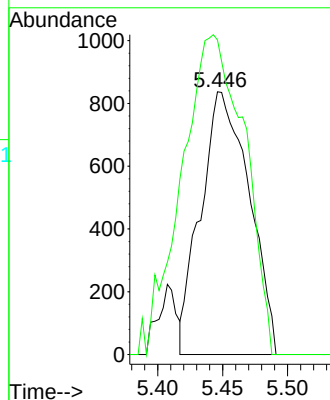
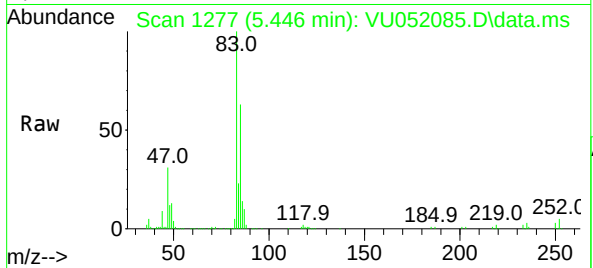




#31
Carbon tetrachloride
Concen: 0.114 ug/L
RT: 5.446 min Scan# 117
Delta R.T. -0.077 min
Lab File: VU052085.D
Acq: 23 Nov 2022 11:50

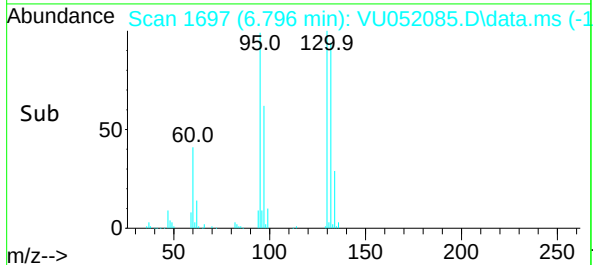
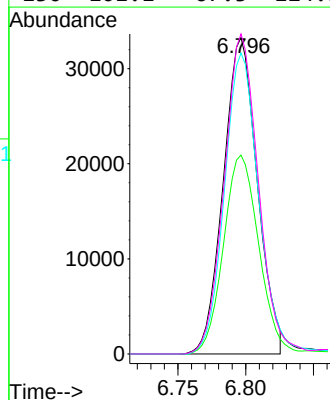
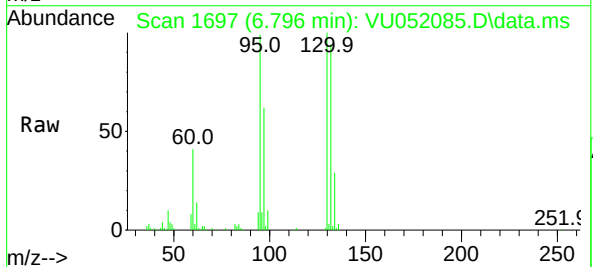
Instrument :
MSVOA_U
ClientSampleId :
COL23

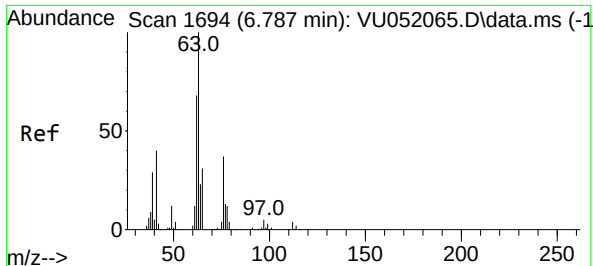
Tgt Ion:117 Resp: 2171
Ion Ratio Lower Upper
117 100
119 158.0 77.2 115.8#



#34
Trichloroethene
Concen: 3.523 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.257 min
Lab File: VU052085.D
Acq: 23 Nov 2022 11:50

Tgt Ion: 95 Resp: 57860
Ion Ratio Lower Upper
95 100
97 62.9 43.7 81.1
132 95.0 64.3 119.3
130 101.1 67.3 124.9





#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.935 min Scan# 1

Delta R.T. 0.148 min

Lab File: VU052085.D

Acq: 23 Nov 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

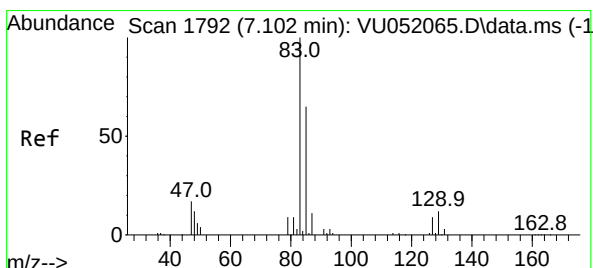
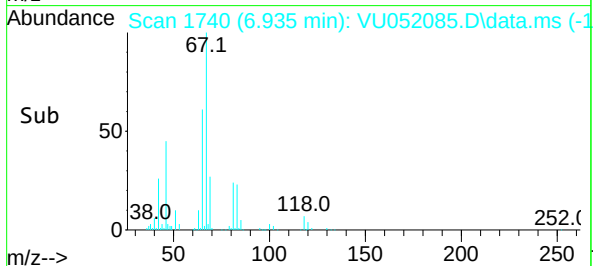
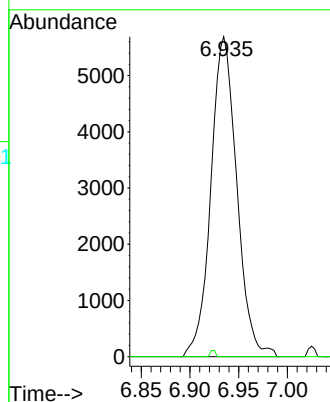
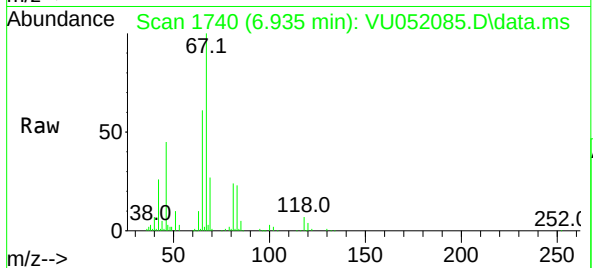
COL23

Tgt Ion: 63 Resp: 10547

Ion Ratio Lower Upper

63 100

112 2.6 3.3 4.9#



#38

Bromodichloromethane

Concen: 2.097 ug/L

RT: 7.304 min Scan# 1855

Delta R.T. 0.203 min

Lab File: VU052085.D

Acq: 23 Nov 2022 11:50

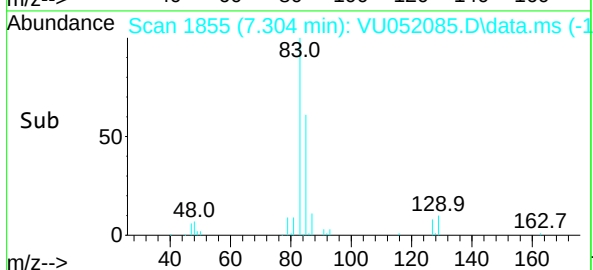
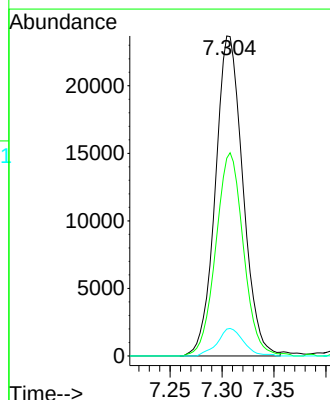
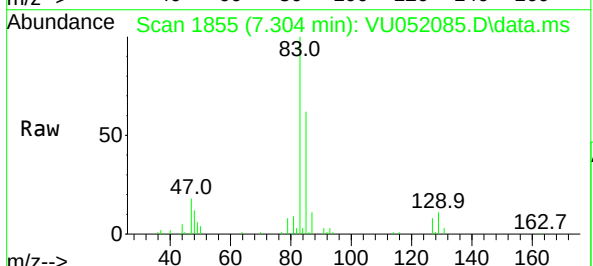
Tgt Ion: 83 Resp: 43591

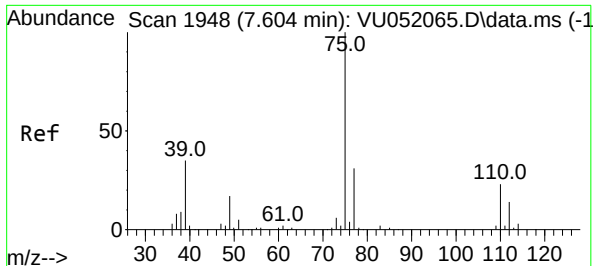
Ion Ratio Lower Upper

83 100

85 61.8 43.5 80.9

127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.726 min Scan# 11

Delta R.T. 0.122 min

Lab File: VU052085.D

Acq: 23 Nov 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

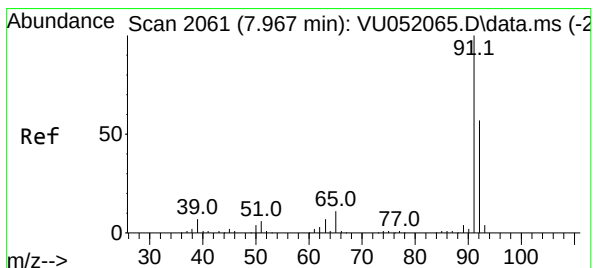
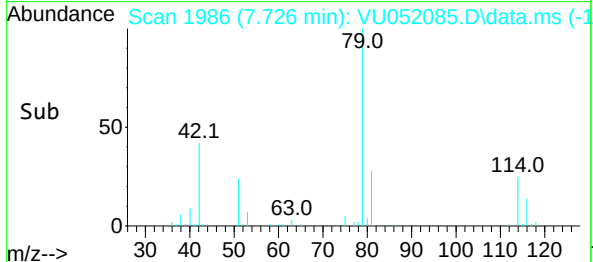
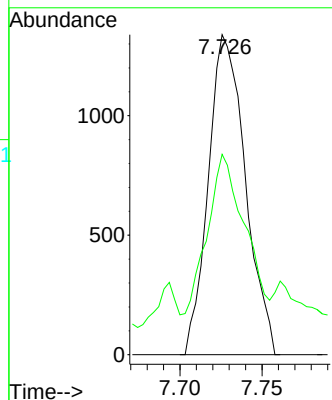
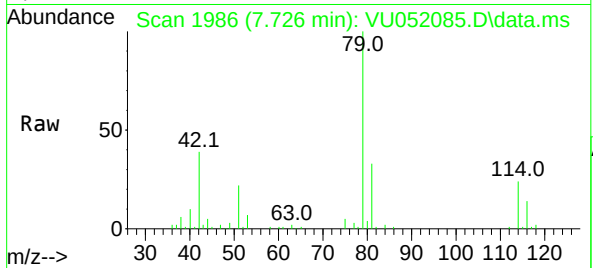
C0L23

Tgt Ion: 75 Resp: 2096

Ion Ratio Lower Upper

75 100

77 62.6 22.0 40.8#



#42

Toluene

Concen: 0.253 ug/L

RT: 8.108 min Scan# 2105

Delta R.T. 0.141 min

Lab File: VU052085.D

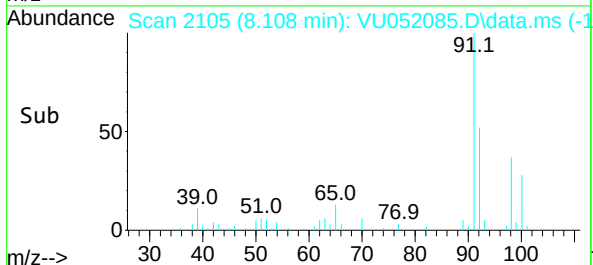
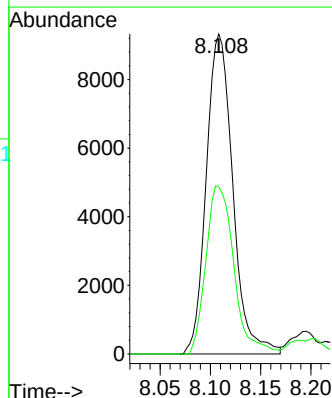
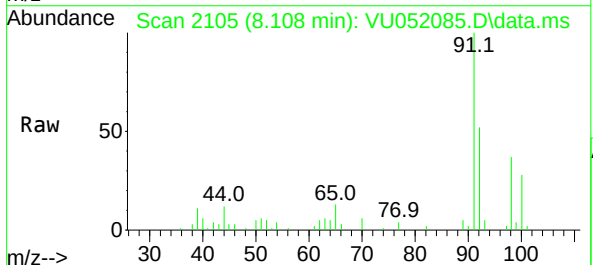
Acq: 23 Nov 2022 11:50

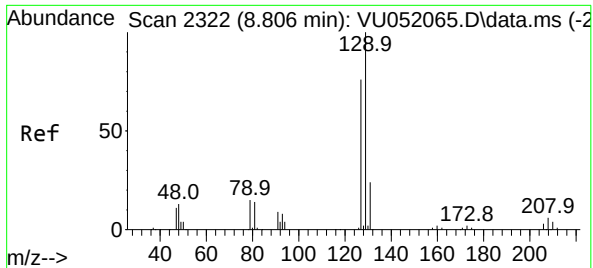
Tgt Ion: 91 Resp: 17131

Ion Ratio Lower Upper

91 100

92 52.2 40.7 75.5





#49
 Dibromochloromethane
 Concen: 0.131 ug/L
 RT: 8.899 min Scan# 21
 Delta R.T. 0.093 min
 Lab File: VU052085.D
 Acq: 23 Nov 2022 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L23

Tgt Ion:129 Resp: 1877
 Ion Ratio Lower Upper
 129 100
 127 76.6 52.8 98.2

