

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052197.D
 Acq On : 07 Dec 2022 14:54
 Operator : JC/MD
 Sample : N5930-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ83

Quant Time: Dec 08 02:00:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

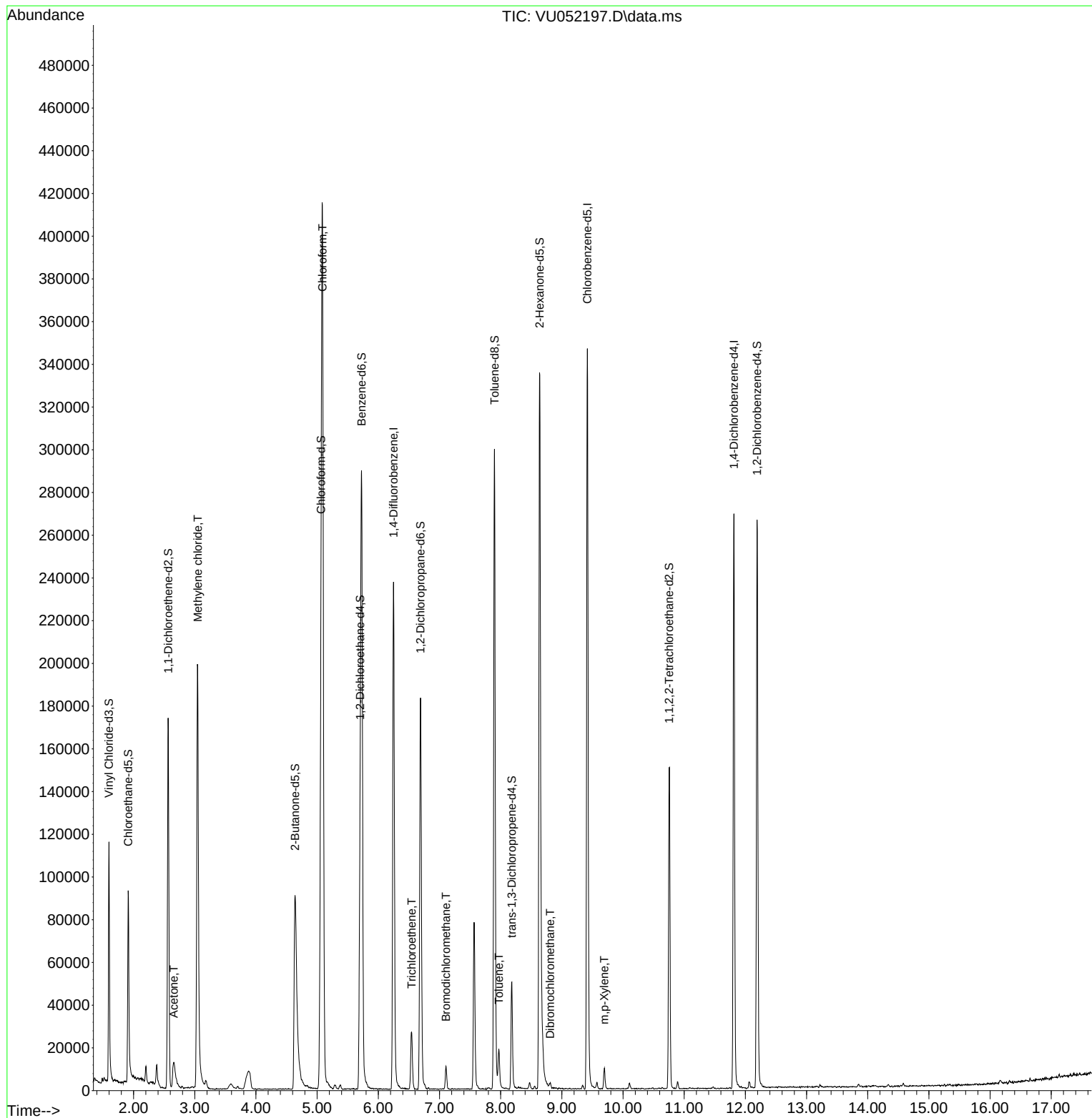
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	204000	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	206221	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88406	4.455	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.200%	
7) Chloroethane-d5	1.912	69	75127	4.874	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.565	65	32292	4.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.639	46	165559	46.029	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.060%	
24) Chloroform-d	5.063	84	160368	5.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.000%	
26) 1,2-Dichloroethane-d4	5.703	65	75835	5.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.726	84	289681	4.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.690	67	94452	4.985	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.899	98	215986	3.899	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	8.182	79	29505	4.273	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.636	63	118443	40.479	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.960%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	79100	4.815	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75360	5.115	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
13) Acetone	2.658	43	26961	11.039	ug/L	60
16) Methylene chloride	3.047	84	111870	5.588	ug/L	97
25) Chloroform	5.086	83	338079	11.670	ug/L	96
34) Trichloroethene	6.546	95	10212	0.610	ug/L	94
38) Bromodichloromethane	7.105	83	6921	0.327	ug/L	93
42) Toluene	7.970	91	13859	0.201	ug/L	94
49) Dibromochloromethane	8.809	129	1235	0.084	ug/L	97
53) m,p-Xylene	9.693	106	2870	0.110	ug/L	91

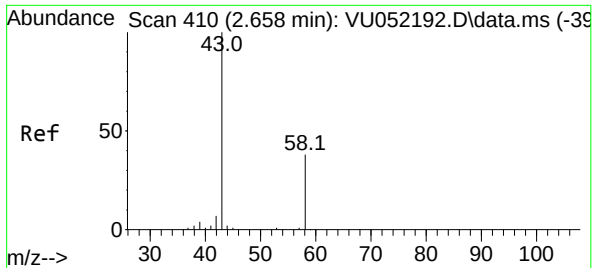
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.039 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

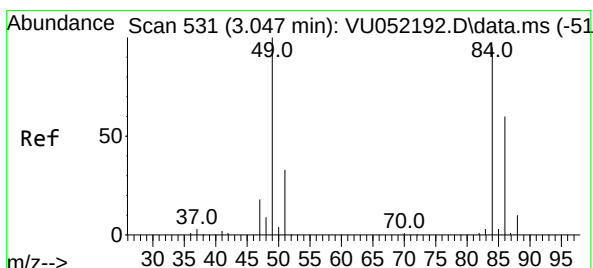
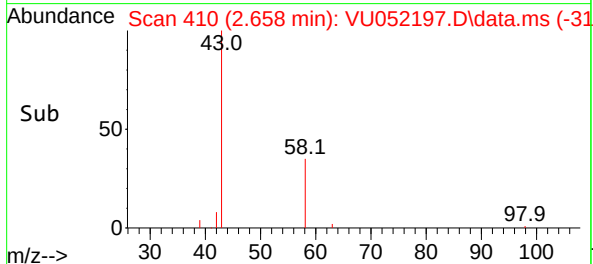
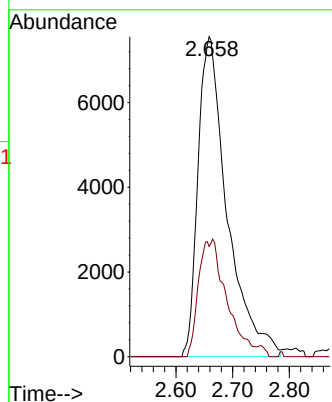
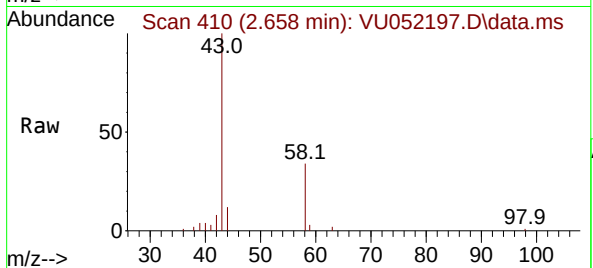
EXZ83

Tgt Ion: 43 Resp: 26961

Ion Ratio Lower Upper

43 100

58 14.1 0.0 76.0



#16

Methylene chloride

Concen: 5.588 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU052197.D

Acq: 07 Dec 2022 14:54

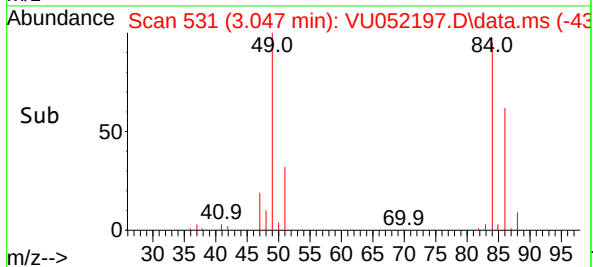
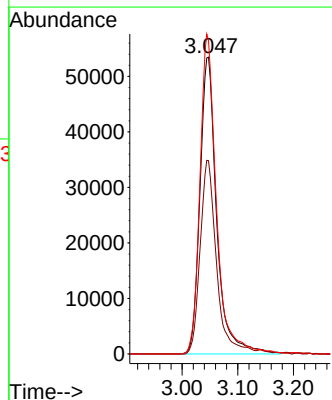
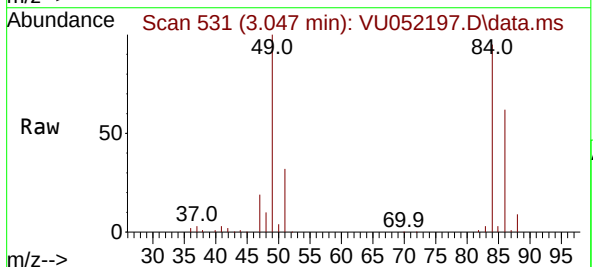
Tgt Ion: 84 Resp: 111870

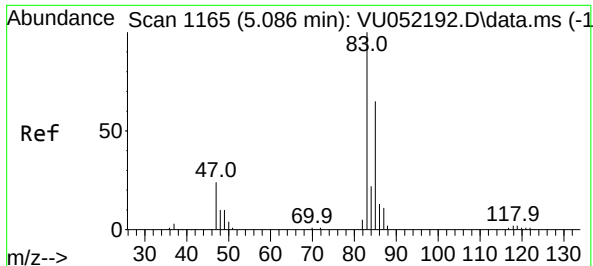
Ion Ratio Lower Upper

84 100

86 65.1 43.8 81.4

49 105.6 75.9 141.1

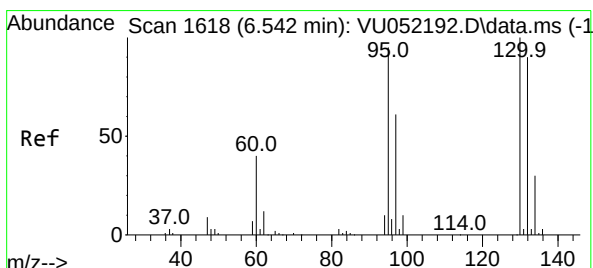
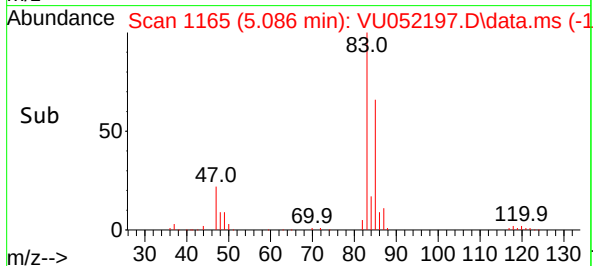
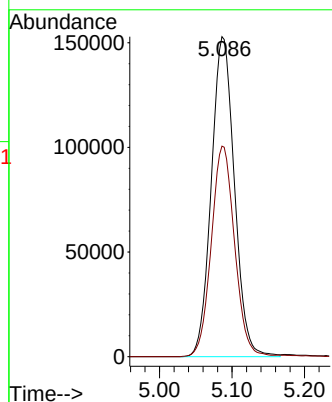
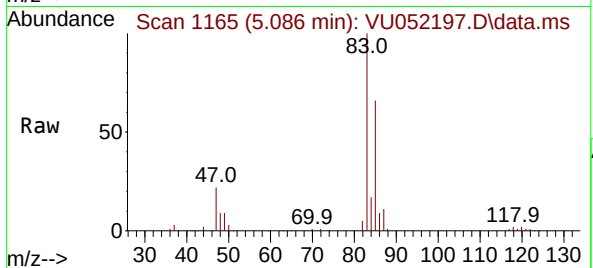




#25
Chloroform
Concen: 11.670 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

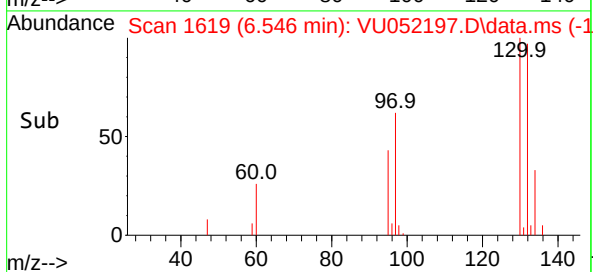
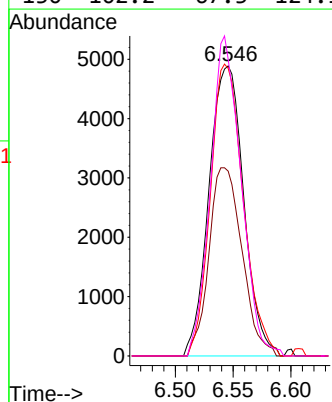
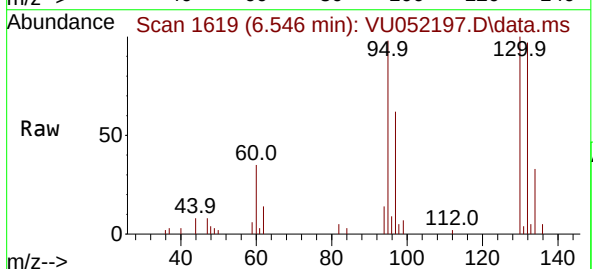
Instrument :
MSVOA_U
ClientSampleId :
EXZ83

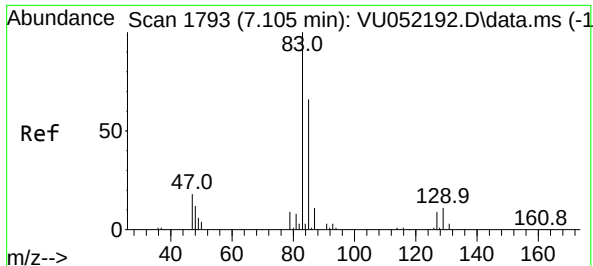
Tgt Ion: 83 Resp: 338079
Ion Ratio Lower Upper
83 100
85 65.8 43.8 81.4



#34
Trichloroethene
Concen: 0.610 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

Tgt Ion: 95 Resp: 10212
Ion Ratio Lower Upper
95 100
97 63.7 43.7 81.1
132 99.1 64.3 119.3
130 102.2 67.3 124.9





#38

Bromodichloromethane

Concen: 0.327 ug/L

RT: 7.105 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052197.D

Acq: 07 Dec 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

EXZ83

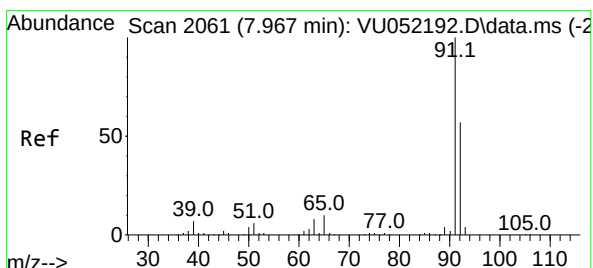
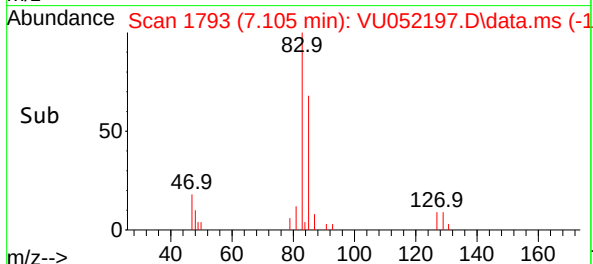
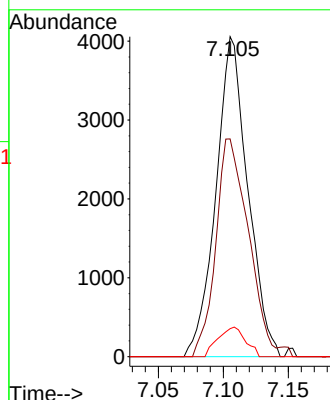
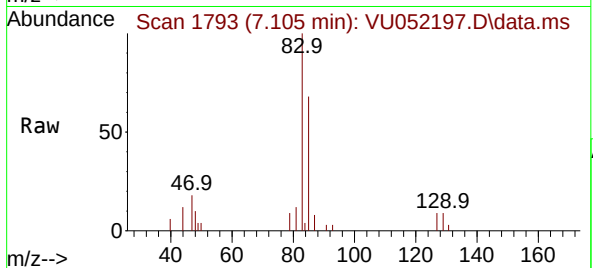
Tgt Ion: 83 Resp: 6921

Ion Ratio Lower Upper

83 100

85 68.0 43.5 80.9

127 8.8 6.8 10.2



#42

Toluene

Concen: 0.201 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU052197.D

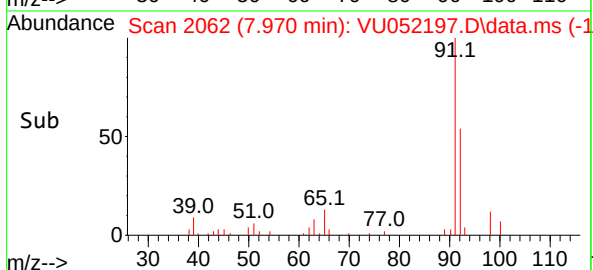
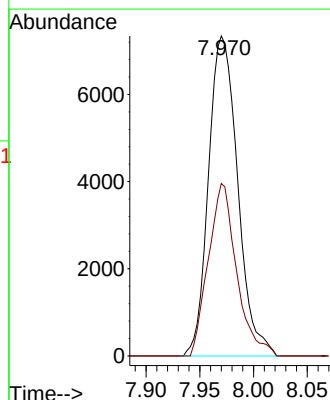
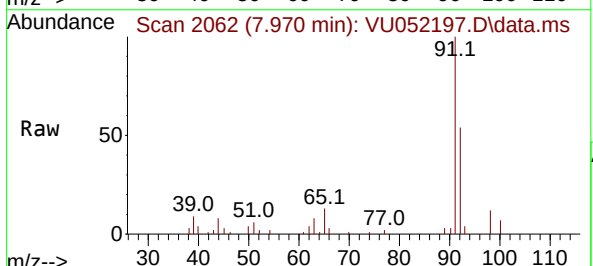
Acq: 07 Dec 2022 14:54

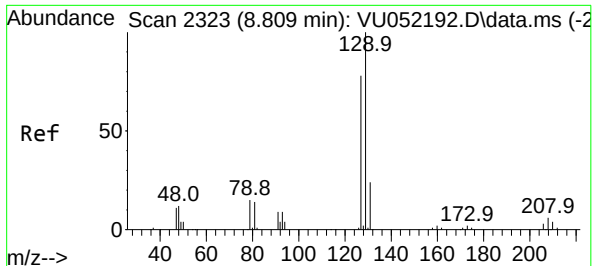
Tgt Ion: 91 Resp: 13859

Ion Ratio Lower Upper

91 100

92 53.9 40.7 75.5





#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 8.809 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052197.D

Acq: 07 Dec 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

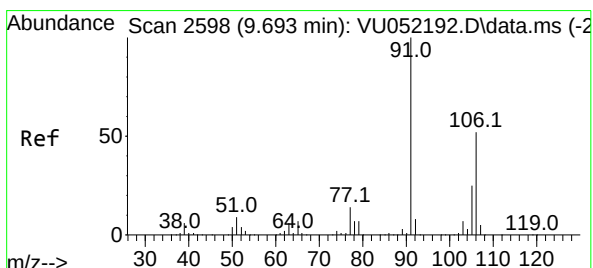
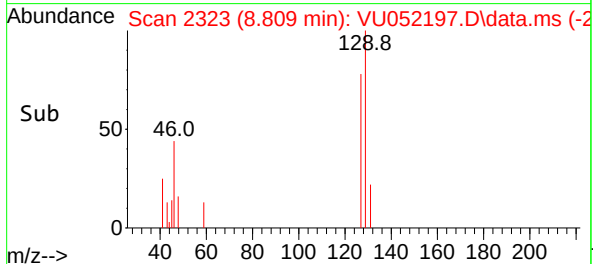
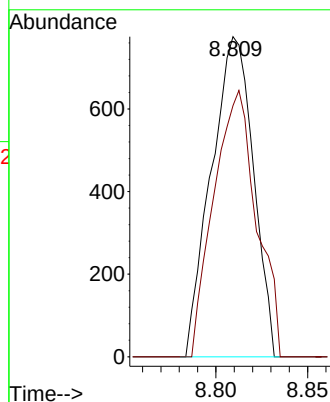
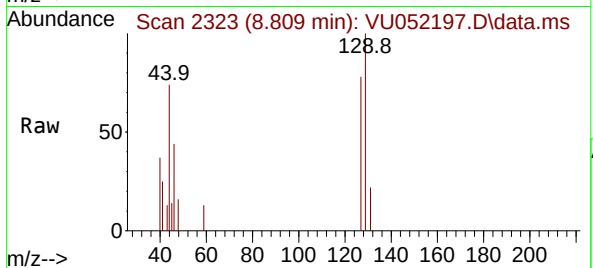
EXZ83

Tgt Ion:129 Resp: 1235

Ion Ratio Lower Upper

129 100

127 78.5 52.8 98.2



#53

m,p-Xylene

Concen: 0.110 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU052197.D

Acq: 07 Dec 2022 14:54

Tgt Ion:106 Resp: 2870

Ion Ratio Lower Upper

106 100

91 183.9 137.7 255.7

