

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052352.D
 Acq On : 12 Dec 2022 15:00
 Operator : JC/MD
 Sample : N5930-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ84

Quant Time: Dec 13 01:04:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

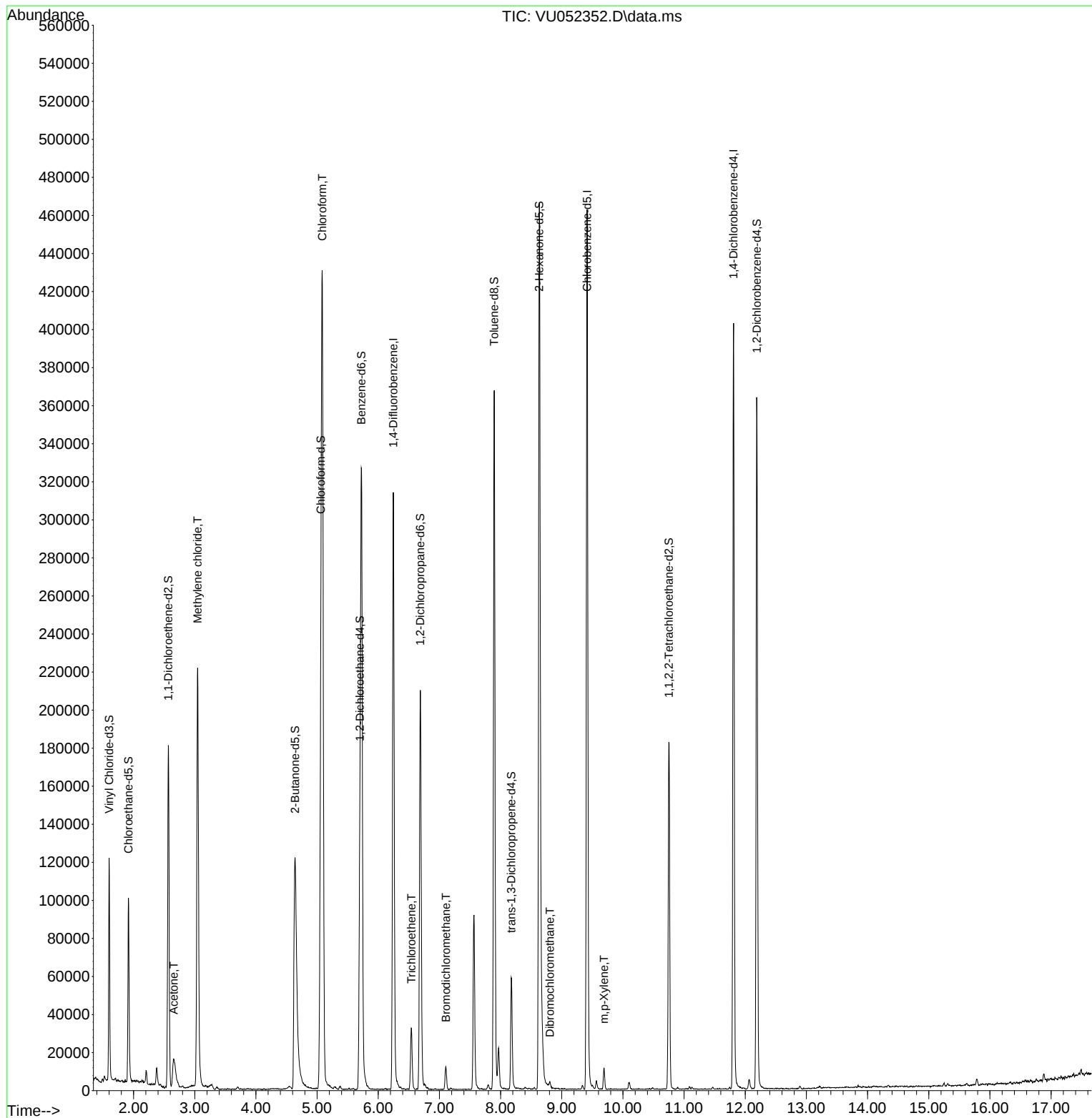
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	263687	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	270372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85432	3.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.916	69	74687	3.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.568	65	34169	3.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.639	46	238937	51.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.780%
24) Chloroform-d	5.063	84	174480	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.700	65	83572	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.726	84	327551	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.687	67	109136	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.896	98	259443	3.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	8.176	79	35873	3.963	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.632	63	164715	42.936	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96042	4.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	101324	4.664	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
13) Acetone	2.655	43	35450	11.229	ug/L	96
16) Methylene chloride	3.047	84	114642	4.430	ug/L	98
25) Chloroform	5.086	83	353554	9.441	ug/L	95
34) Trichloroethene	6.542	95	11601	0.529	ug/L	96
38) Bromodichloromethane	7.105	83	8227	0.296	ug/L #	96
49) Dibromochloromethane	8.806	129	1639	0.085	ug/L	90
53) m,p-Xylene	9.690	106	3315	0.097	ug/L	90

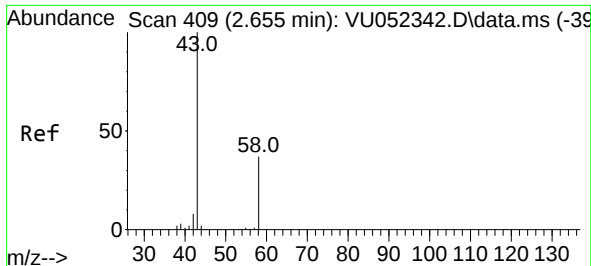
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration





#13

Acetone

Concen: 11.229 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.000 min

Lab File: VU052352.D

Acq: 12 Dec 2022 15:00

Instrument :

MSVOA_U

ClientSampleId :

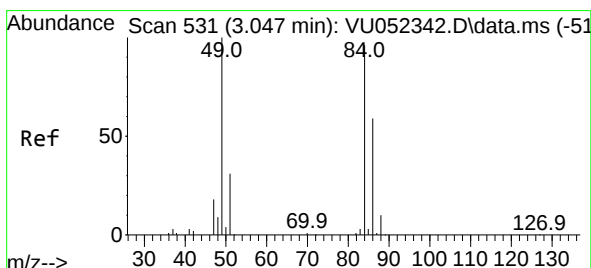
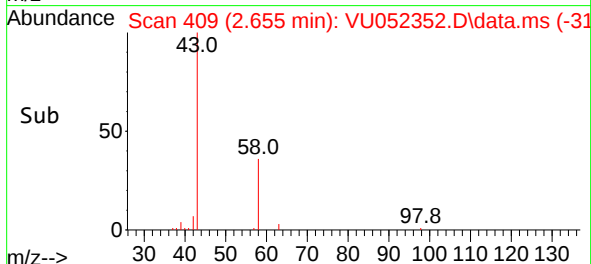
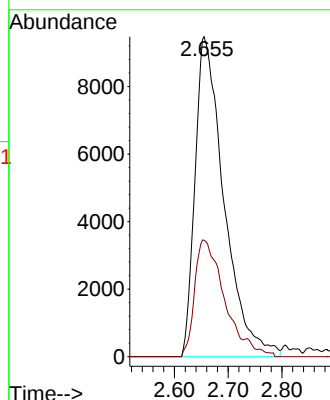
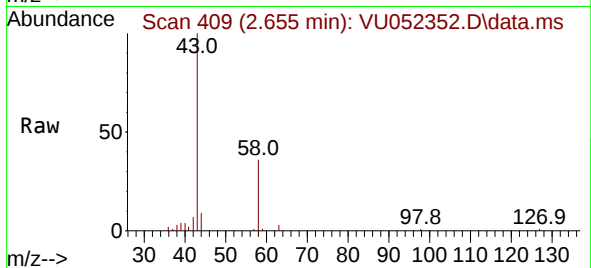
EXZ84

Tgt Ion: 43 Resp: 35450

Ion Ratio Lower Upper

43 100

58 35.5 0.0 76.0



#16

Methylene chloride

Concen: 4.430 ug/L

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU052352.D

Acq: 12 Dec 2022 15:00

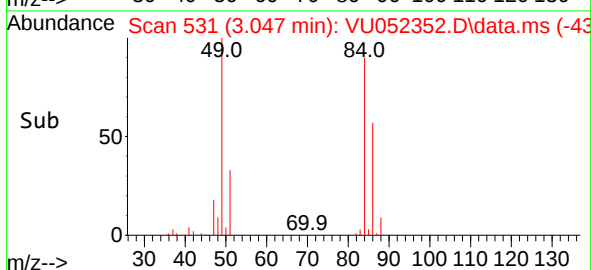
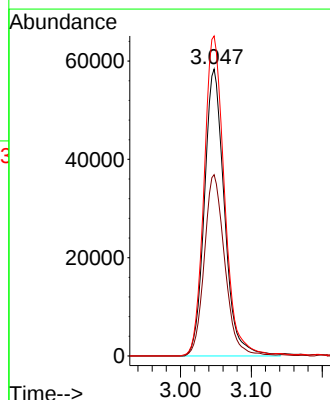
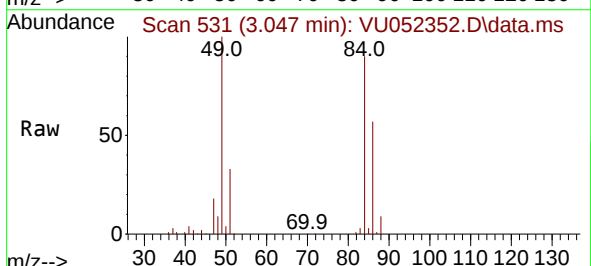
Tgt Ion: 84 Resp: 114642

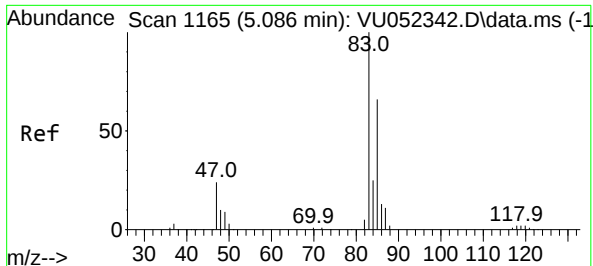
Ion Ratio Lower Upper

84 100

86 63.2 43.8 81.4

49 111.6 75.9 141.1





#25

Chloroform

Concen: 9.441 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052352.D

Acq: 12 Dec 2022 15:00

Instrument :

MSVOA_U

ClientSampleId :

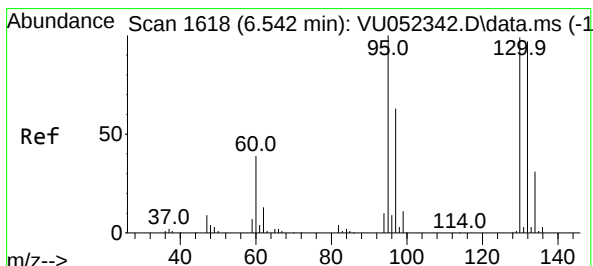
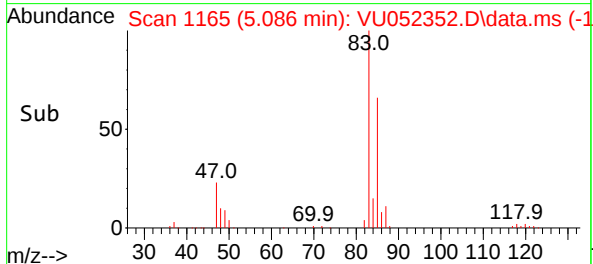
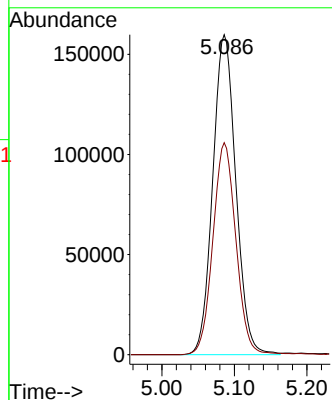
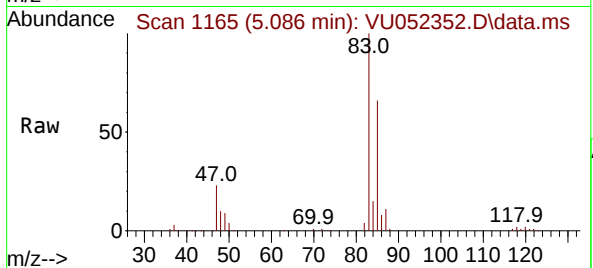
EXZ84

Tgt Ion: 83 Resp: 353554

Ion Ratio Lower Upper

83 100

85 66.3 43.8 81.4



#34

Trichloroethene

Concen: 0.529 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU052352.D

Acq: 12 Dec 2022 15:00

Tgt Ion: 95 Resp: 11601

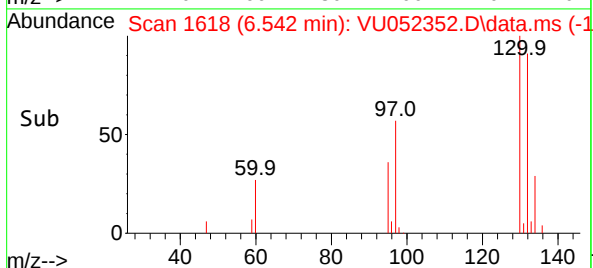
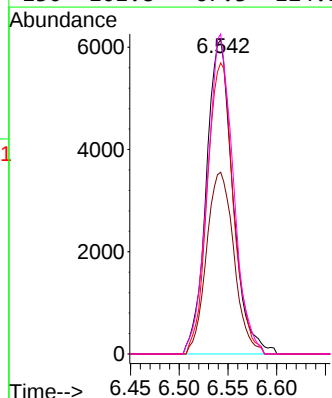
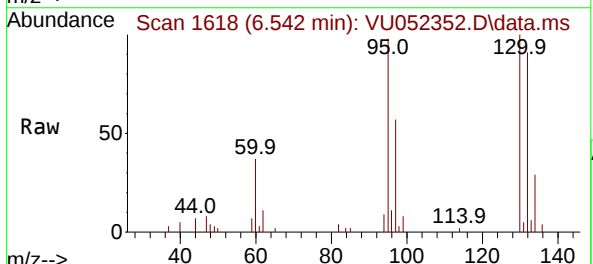
Ion Ratio Lower Upper

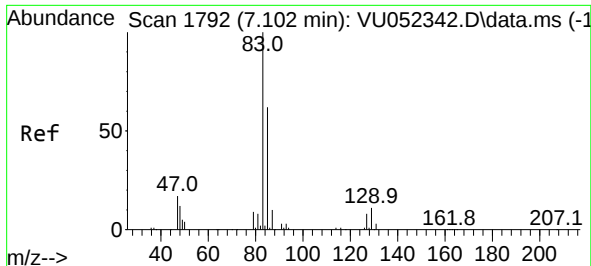
95 100

97 57.8 43.7 81.1

132 92.6 64.3 119.3

130 101.8 67.3 124.9

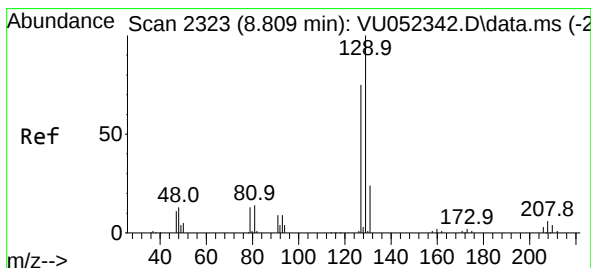
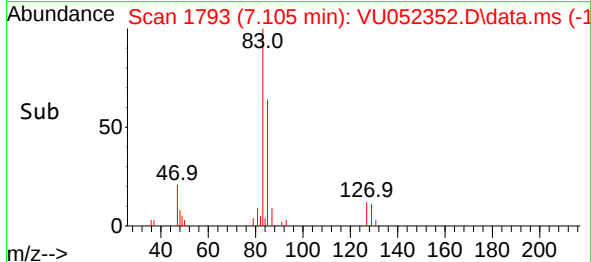
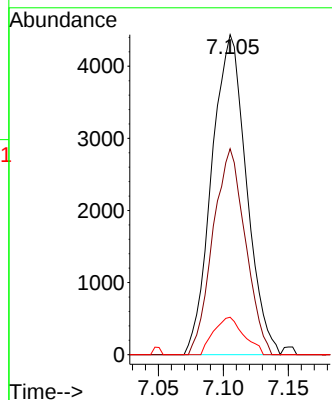
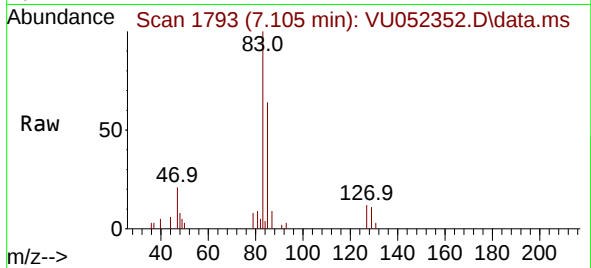




#38
Bromodichloromethane
Concen: 0.296 ug/L
RT: 7.105 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

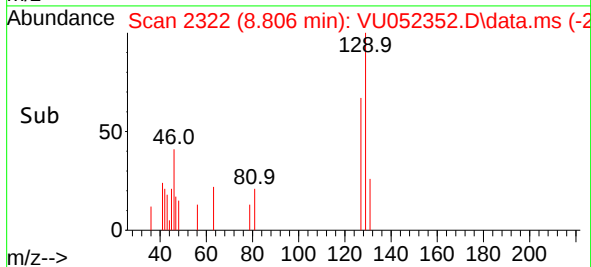
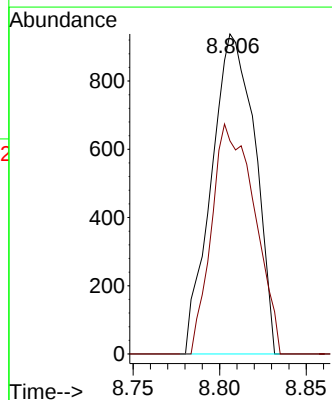
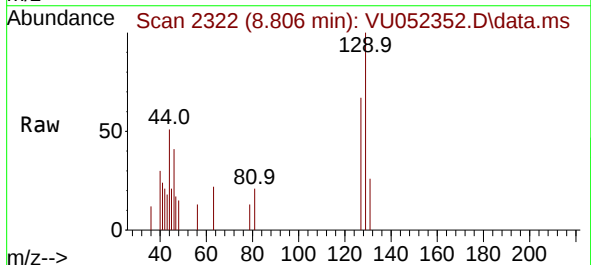
Instrument :
MSVOA_U
ClientSampleId :
EXZ84

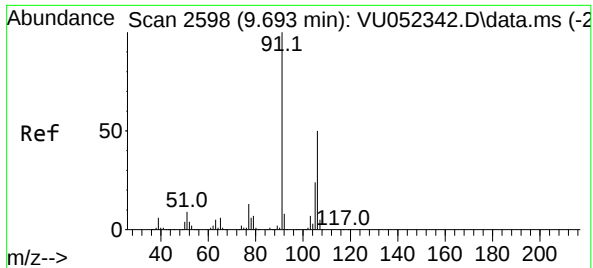
Tgt Ion: 83 Resp: 8227
Ion Ratio Lower Upper
83 100
85 64.4 43.5 80.9
127 11.7 6.8 10.2#



#49
Dibromochloromethane
Concen: 0.085 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

Tgt Ion: 129 Resp: 1639
Ion Ratio Lower Upper
129 100
127 66.6 52.8 98.2





#53
 m,p-Xylene
 Concen: 0.097 ug/L
 RT: 9.690 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU052352.D
 Acq: 12 Dec 2022 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ84

Tgt Ion:106 Resp: 3315
 Ion Ratio Lower Upper
 106 100
 91 181.0 137.7 255.7

