

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
 Data File : VU059995.D
 Acq On : 17 Jul 2024 15:19
 Operator : MD/SY
 Sample : P3260-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E08F4

Quant Time: Jul 18 02:49:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 02:31:59 2024
 Response via : Initial Calibration

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

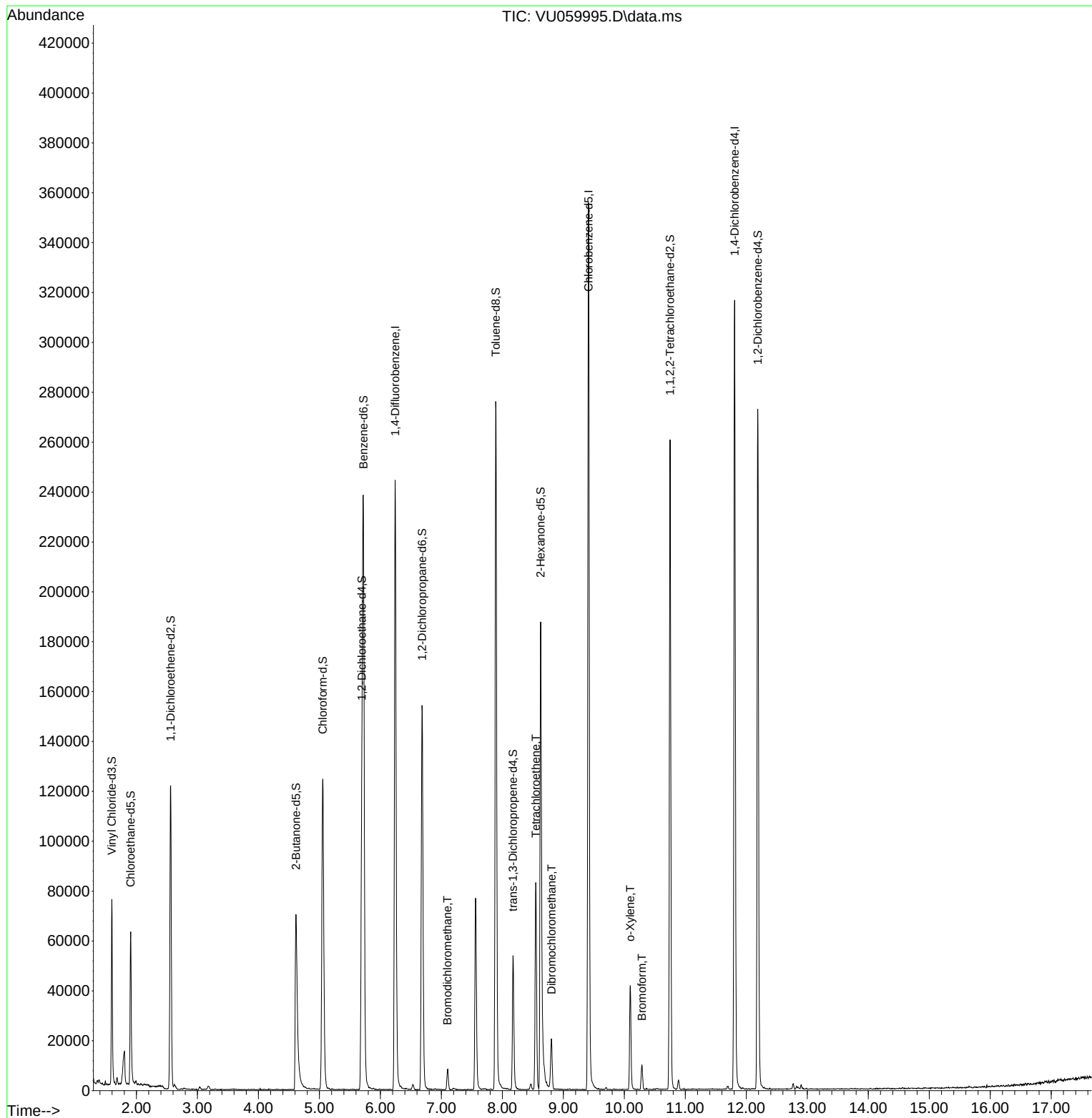
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	210420	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53758	39.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.580%
7) Chloroethane-d5	1.904	69	50035	44.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.060%
11) 1,1-Dichloroethene-d2	2.560	63	71166	29.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.300%#
21) 2-Butanone-d5	4.615	46	101576	108.184	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.180%
24) Chloroform-d	5.055	84	122580	46.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
26) 1,2-Dichloroethane-d4	5.695	65	75013	48.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
32) Benzene-d6	5.721	84	233157	42.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	6.682	67	79395	46.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.980%
41) Toluene-d8	7.891	98	195850	37.327	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.660%#
43) trans-1,3-Dichloroprop...	8.174	79	30956	38.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.480%
47) 2-Hexanone-d5	8.627	63	64833	90.088	ug/L	-0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.090%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	133613	50.978	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	12.187	152	81737	47.677	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.360%
Target Compounds						
					Qvalue	
38) Bromodichloromethane	7.100	83	5583	2.751	ug/L	96
46) Tetrachloroethene	8.547	164	19726	15.443	ug/L	90
49) Dibromochloromethane	8.804	129	9724	5.884	ug/L	95
54) o-Xylene	10.097	106	11636	4.582	ug/L	87
59) Bromoform	10.287	173	4876	4.322	ug/L #	99

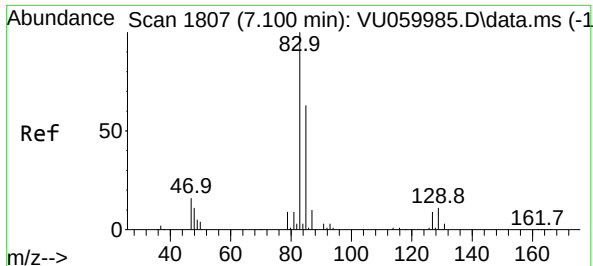
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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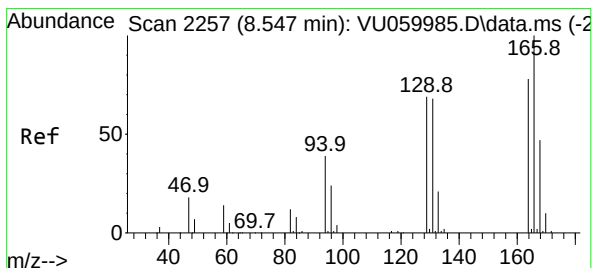
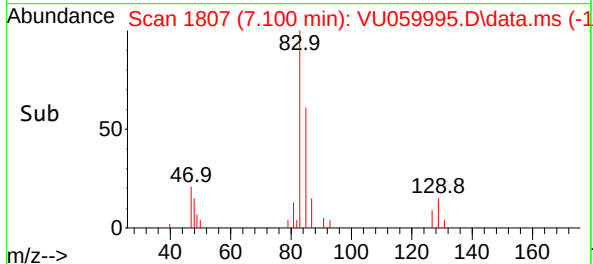
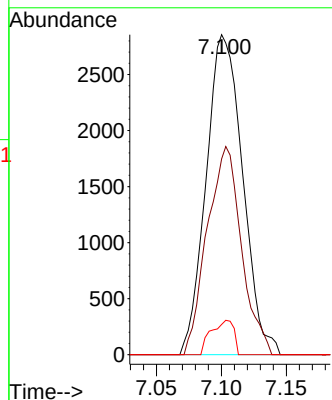
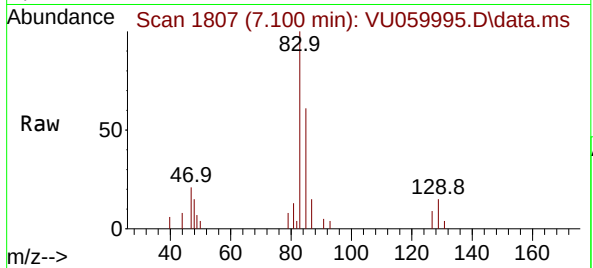




#38
Bromodichloromethane
Concen: 2.751 ug/L
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

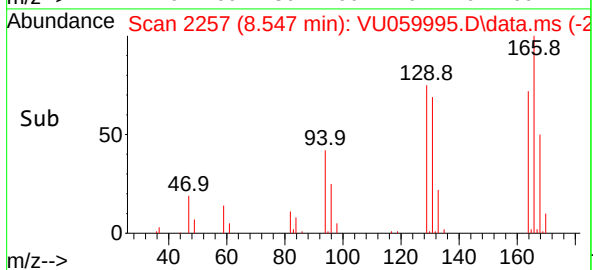
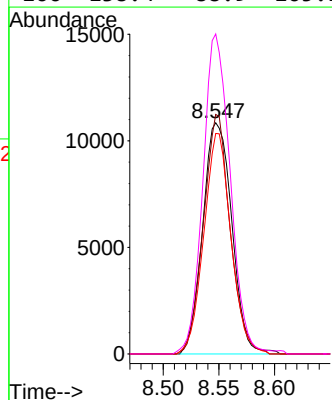
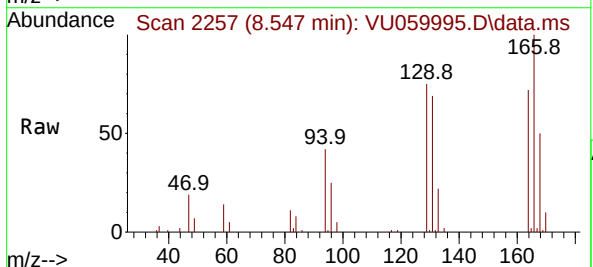
Instrument :
MSVOA_U
ClientSampleId :
E08F4

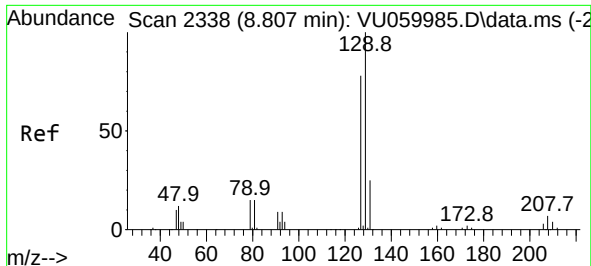
Tgt Ion: 83 Resp: 5583
Ion Ratio Lower Upper
83 100
85 61.2 45.0 83.6
127 9.5 7.4 11.2



#46
Tetrachloroethene
Concen: 15.443 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

Tgt Ion: 164 Resp: 19726
Ion Ratio Lower Upper
164 100
129 103.6 62.7 116.5
131 95.4 62.3 115.7
166 138.4 88.9 165.1





#49

Dibromochloromethane

Concen: 5.884 ug/L

RT: 8.804 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU059995.D

Acq: 17 Jul 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :

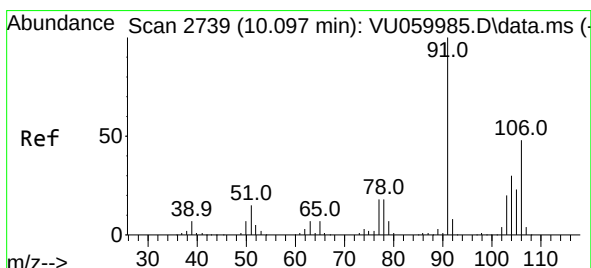
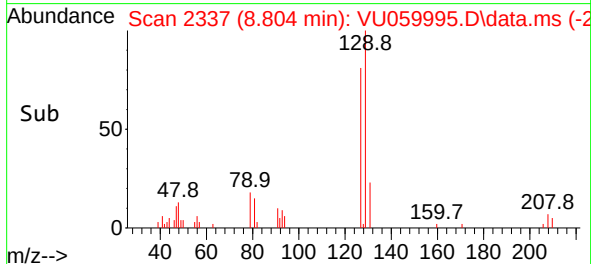
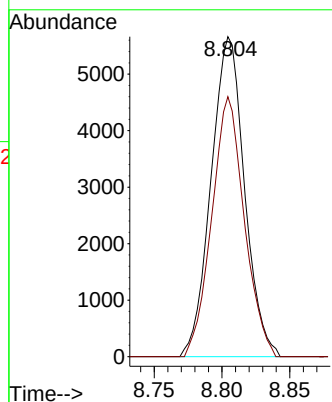
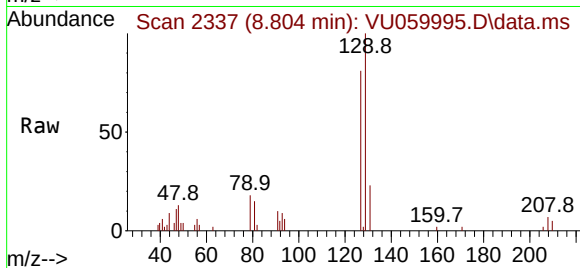
E08F4

Tgt Ion:129 Resp: 9724

Ion Ratio Lower Upper

129 100

127 81.3 54.0 100.2



#54

o-Xylene

Concen: 4.582 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.000 min

Lab File: VU059995.D

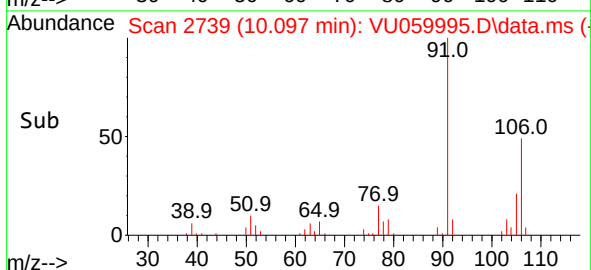
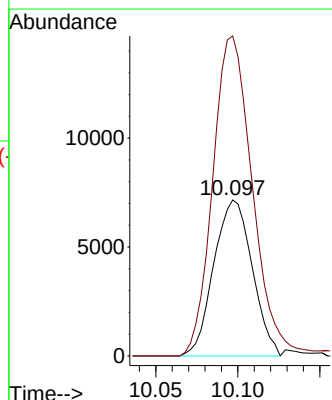
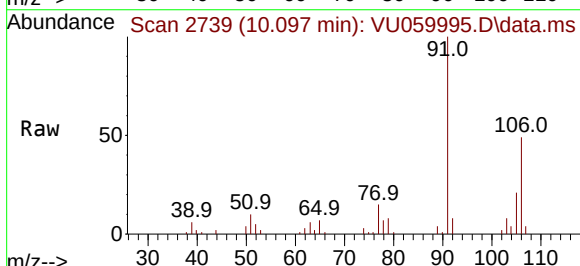
Acq: 17 Jul 2024 15:19

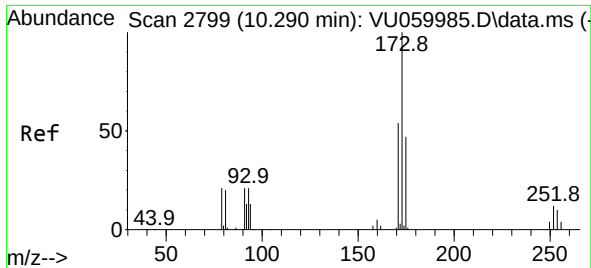
Tgt Ion:106 Resp: 11636

Ion Ratio Lower Upper

106 100

91 190.3 147.4 273.8





#59

Bromoform

Concen: 4.322 ug/L

RT: 10.287 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU059995.D

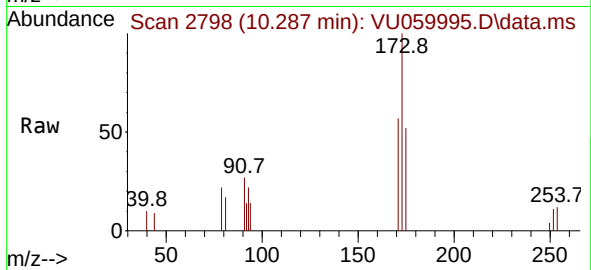
Acq: 17 Jul 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :

E08F4



Tgt Ion:173 Resp: 4876

Ion Ratio Lower Upper

173 100

175 49.3 39.4 59.2

254 8.6 9.0 13.4#

