

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058458.D
 Acq On : 08 Apr 2024 11:02
 Operator : MD/SY
 Sample : P2012-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:23:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

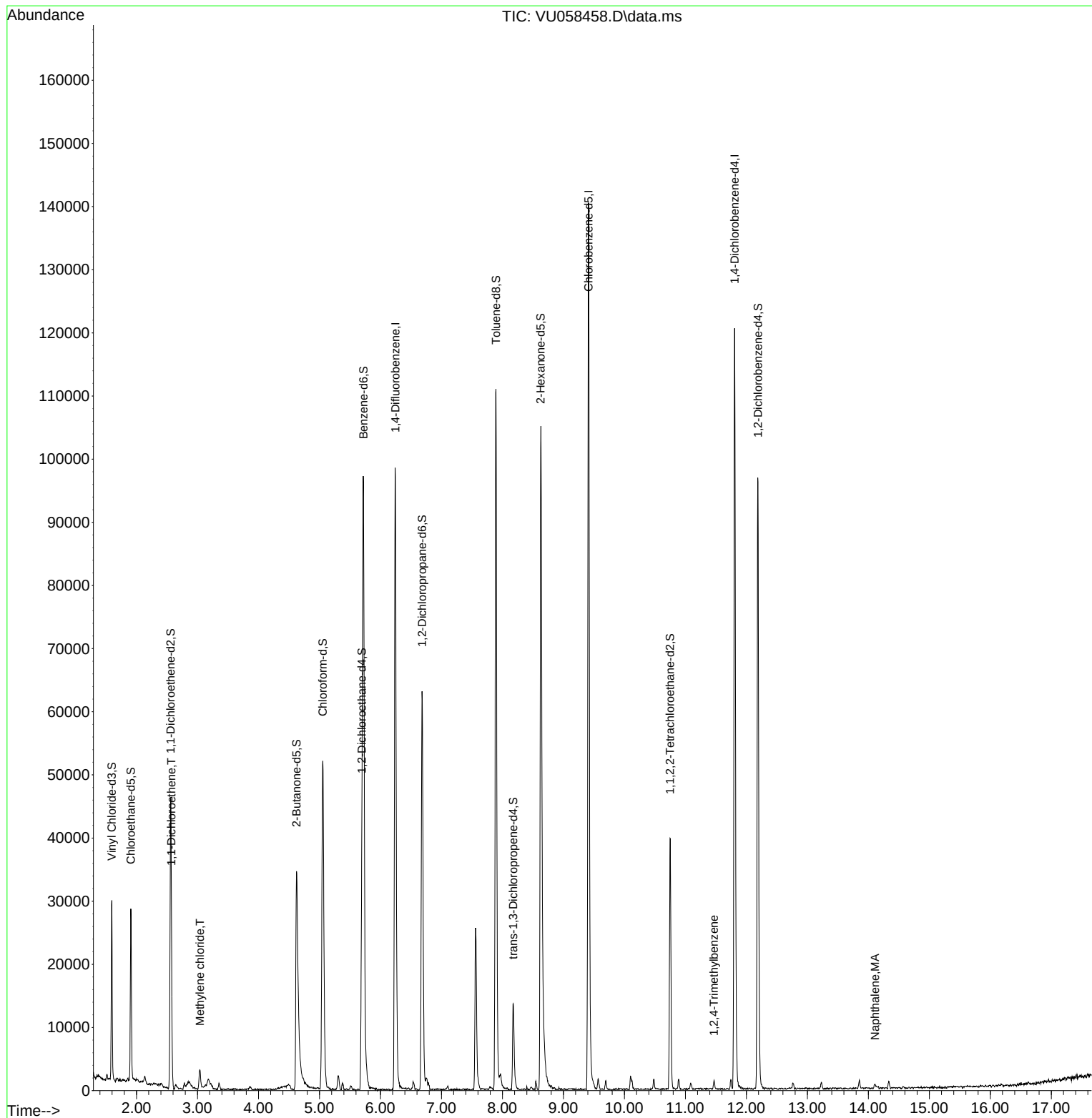
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	76861	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18431	3.622	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.907	69	18208	4.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	8759	3.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.624	46	55615	51.861	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	5.055	84	47921	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	23254	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.721	84	88840	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	31251	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.894	98	74103	4.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	8866	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	38083	47.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20674	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	25364	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	1097	0.201	ug/L #	1
16) Methylene chloride	3.039	84	1490	0.206	ug/L	91
63) 1,2,4-Trimethylbenzene	11.470	105	1194	0.061	ug/L	87
71) Naphthalene	14.109	128	1259	0.142	ug/L #	68

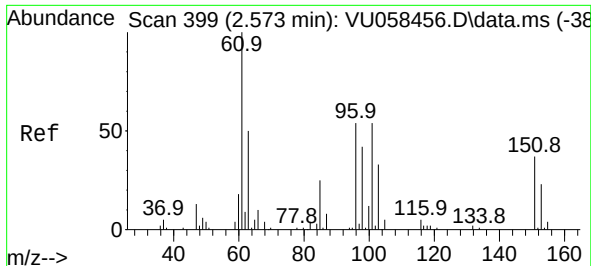
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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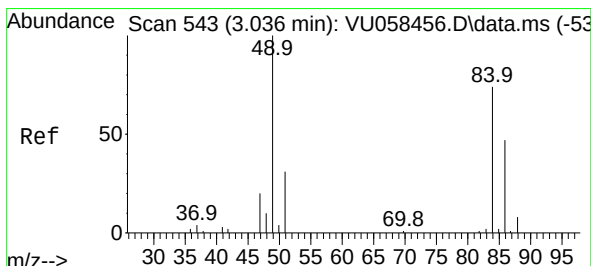
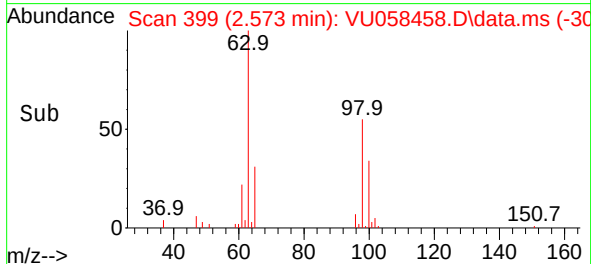
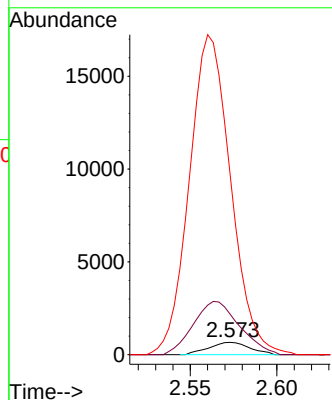
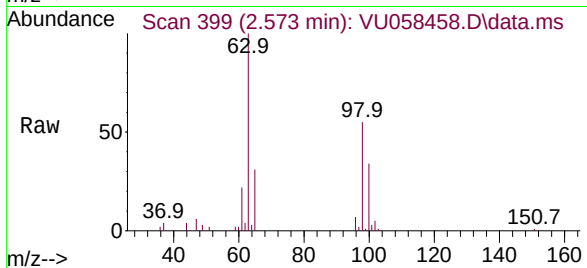




#12
1,1-Dichloroethene
Concen: 0.201 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058458.D
Acq: 08 Apr 2024 11:02

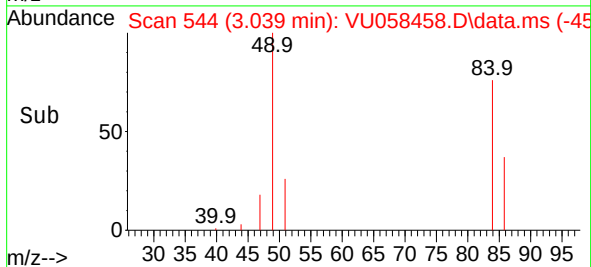
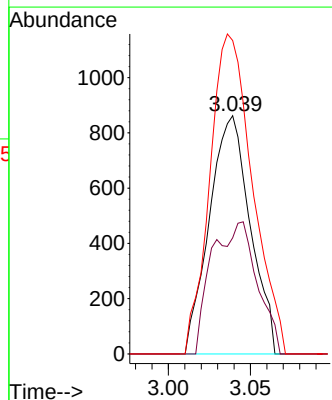
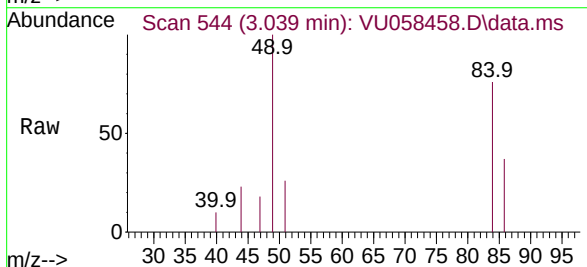
Instrument :
MSVOA_U
ClientSampleId :

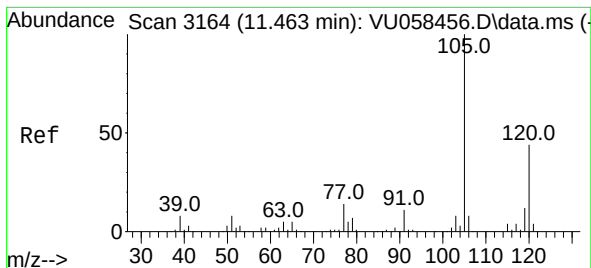
Tgt Ion: 96 Resp: 1097
Ion Ratio Lower Upper
96 100
61 327.8 132.5 246.1#
63 1461.5 87.7 162.9#



#16
Methylene chloride
Concen: 0.206 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU058458.D
Acq: 08 Apr 2024 11:02

Tgt Ion: 84 Resp: 1490
Ion Ratio Lower Upper
84 100
86 48.7 44.3 82.3
49 131.6 96.0 178.2





#63

1,2,4-Trimethylbenzene

Concen: 0.061 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.007 min

Lab File: VU058458.D

Acq: 08 Apr 2024 11:02

Instrument :

MSVOA_U

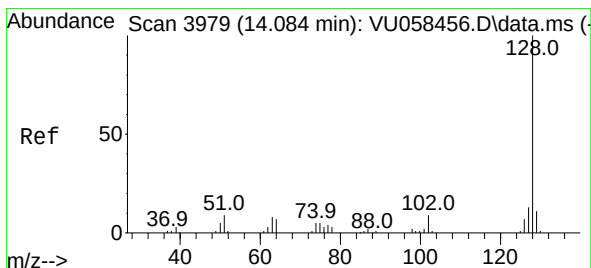
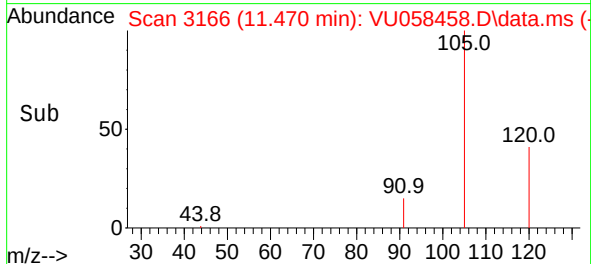
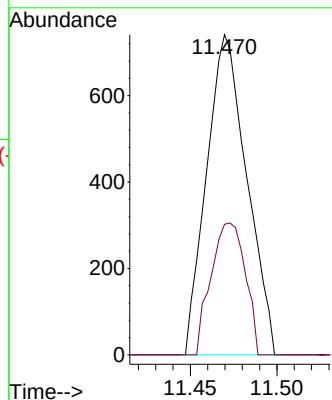
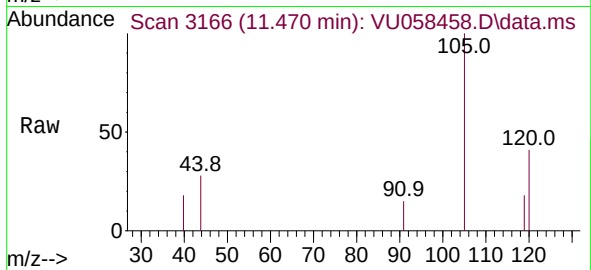
ClientSampleId :

Tgt Ion:105 Resp: 1194

Ion Ratio Lower Upper

105 100

120 35.1 34.7 52.1



#71

Naphthalene

Concen: 0.142 ug/L

RT: 14.109 min Scan# 3987

Delta R.T. 0.026 min

Lab File: VU058458.D

Acq: 08 Apr 2024 11:02

Tgt Ion:128 Resp: 1259

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 0.0 11.0 16.6#

