

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058399.D
 Acq On : 05 Apr 2024 04:39
 Operator : MD/SY
 Sample : P1948-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH4

Quant Time: Apr 05 05:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

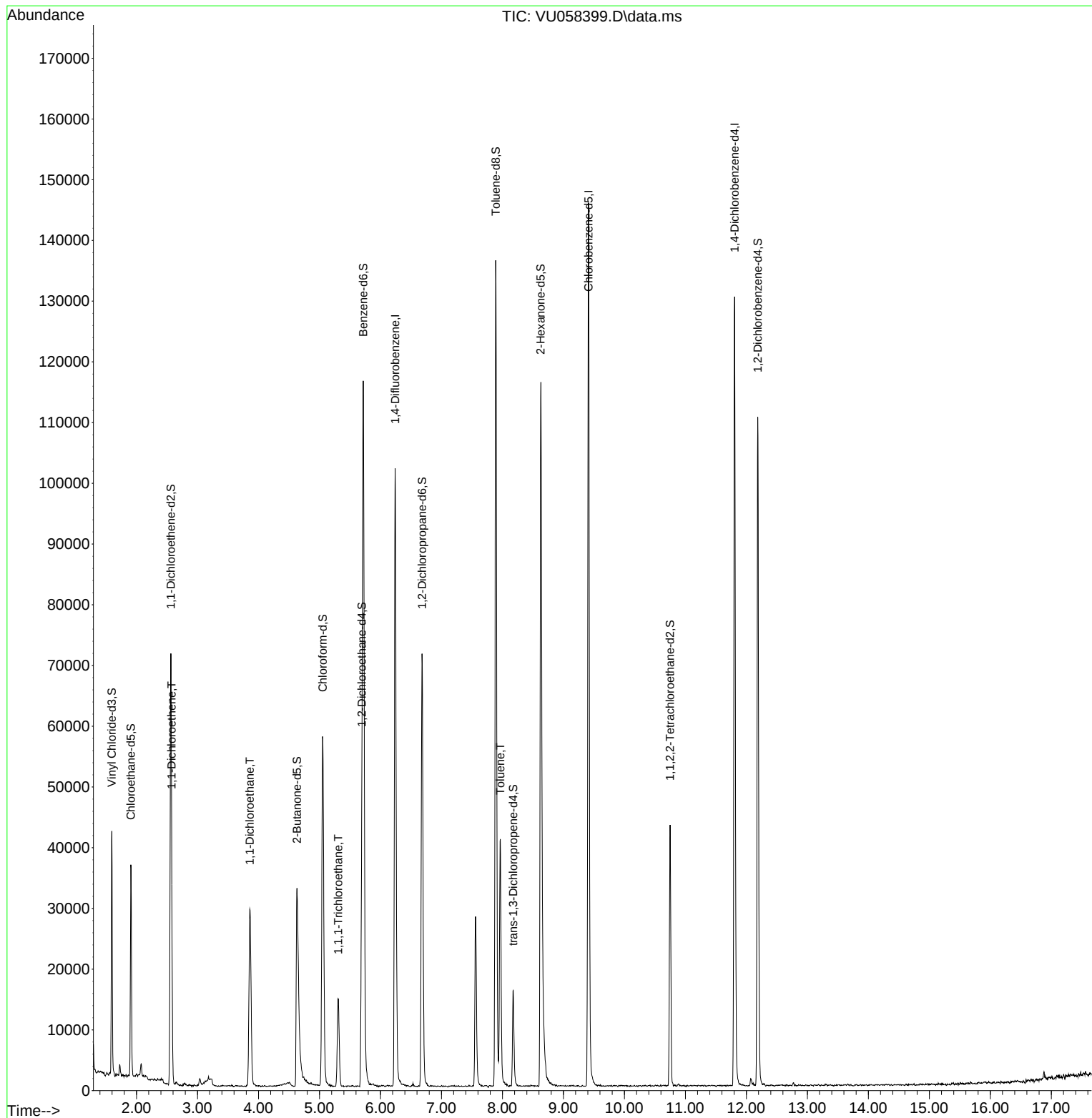
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81650	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26891	4.975	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.907	69	23652	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.563	65	12454	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	4.631	46	57615	50.575	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.140%
24) Chloroform-d	5.052	84	54620	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	27252	5.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.718	84	109848	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.682	67	34440	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.891	98	91902	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.177	79	9759	4.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	40569	47.255	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22178	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28947	4.883	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	5215	0.901	ug/L	# 1
19) 1,1-Dichloroethane	3.859	63	35749	2.701	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	10717	1.006	ug/L	98
42) Toluene	7.965	91	30721	1.017	ug/L	94

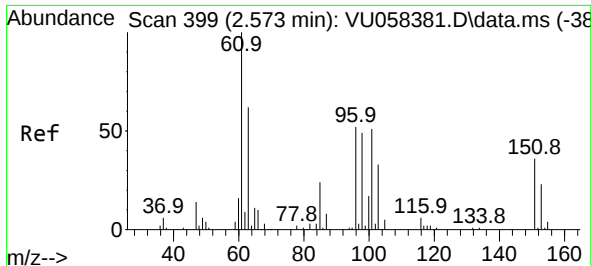
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.901 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

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Instrument :

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ClientSampleId :

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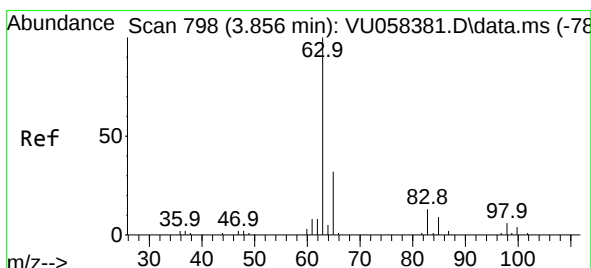
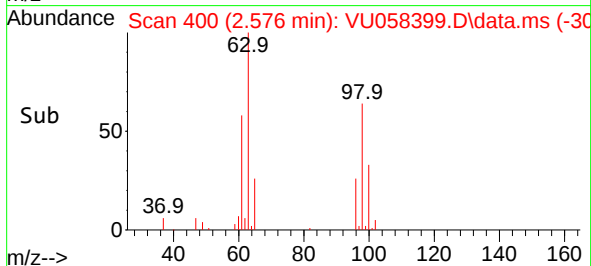
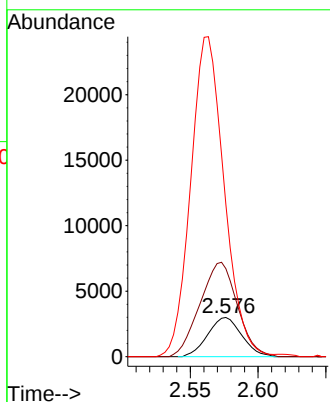
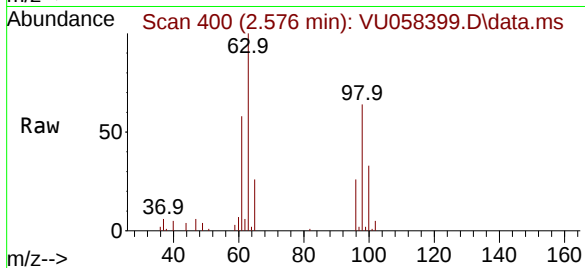
Tgt Ion: 96 Resp: 5215

Ion Ratio Lower Upper

96 100

61 224.2 132.5 246.1

63 387.5 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 2.701 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058399.D

Acq: 05 Apr 2024 04:39

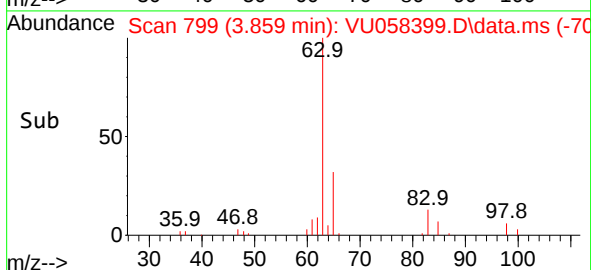
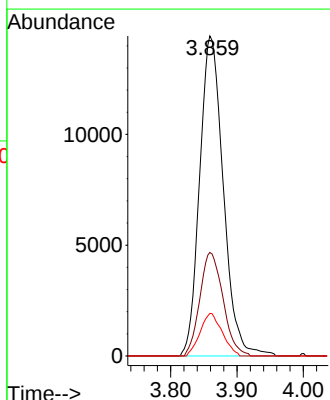
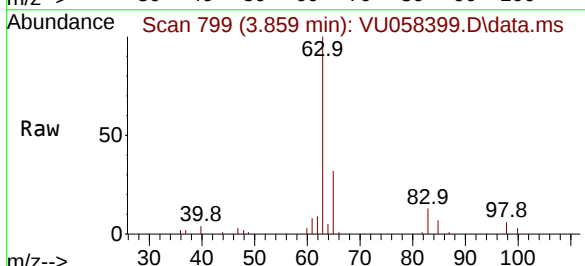
Tgt Ion: 63 Resp: 35749

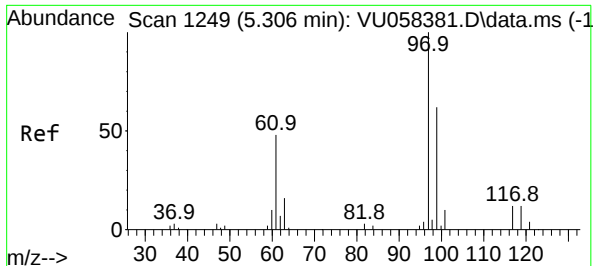
Ion Ratio Lower Upper

63 100

65 32.3 22.9 42.5

83 13.3 9.6 17.8

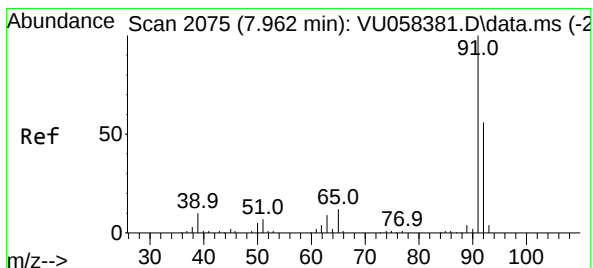
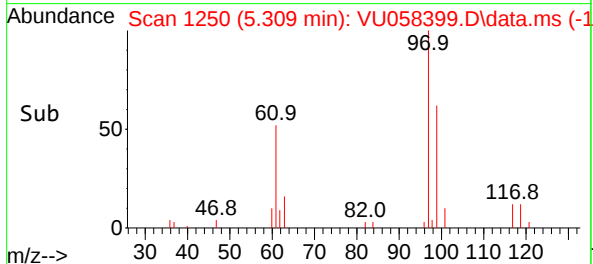
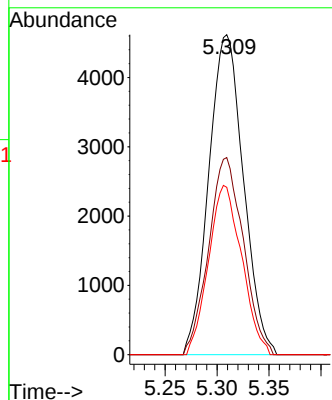
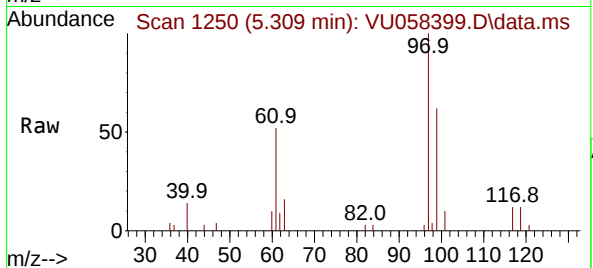




#29
1,1,1-Trichloroethane
Concen: 1.006 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058399.D
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C0AH4

Tgt Ion: 97 Resp: 10717
Ion Ratio Lower Upper
97 100
99 61.6 50.4 75.6
61 50.6 39.4 59.0



#42
Toluene
Concen: 1.017 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU058399.D
Acq: 05 Apr 2024 04:39

Tgt Ion: 91 Resp: 30721
Ion Ratio Lower Upper
91 100
92 52.3 39.5 73.3

