

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058417.D
 Acq On : 05 Apr 2024 14:02
 Operator : MD/SY
 Sample : P1948-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH4

Quant Time: Apr 05 23:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

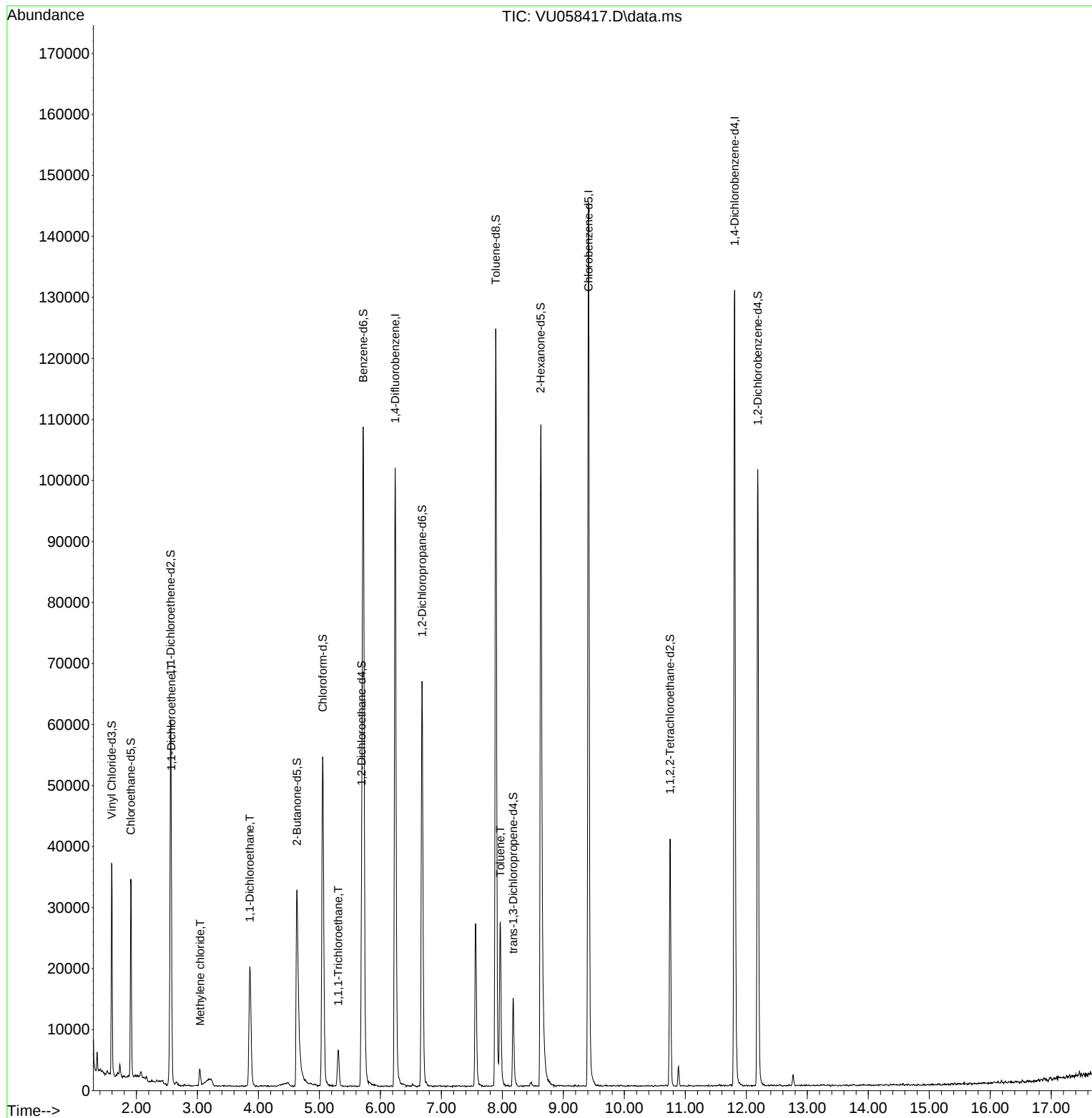
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24040	4.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.908	69	22124	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	11345	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.631	46	57137	51.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.040%
24) Chloroform-d	5.052	84	51435	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.692	65	24843	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.718	84	100728	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	32514	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	84039	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	8804	4.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.627	63	39675	46.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20842	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	27061	4.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1158	0.206	ug/L	# 1
16) Methylene chloride	3.043	84	1225	0.164	ug/L	91
19) 1,1-Dichloroethane	3.859	63	24184	1.877	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	4531	0.430	ug/L	99
42) Toluene	7.965	91	20657	0.691	ug/L	100

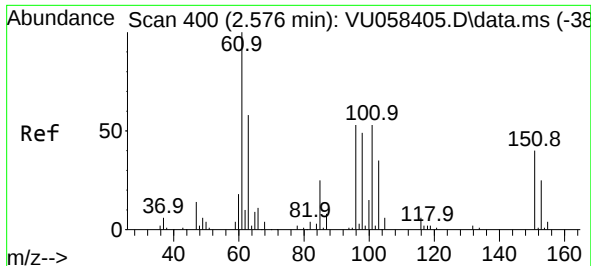
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.206 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU058417.D

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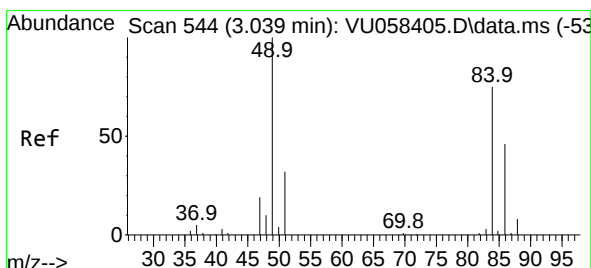
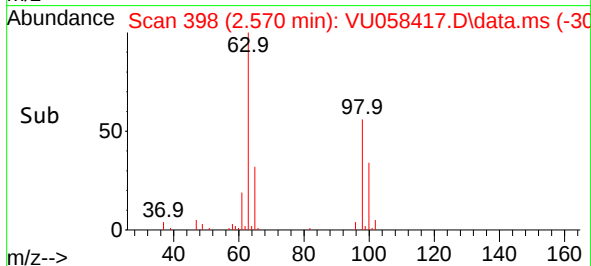
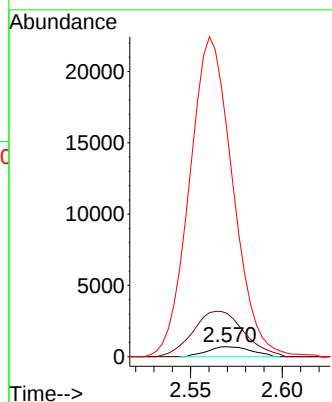
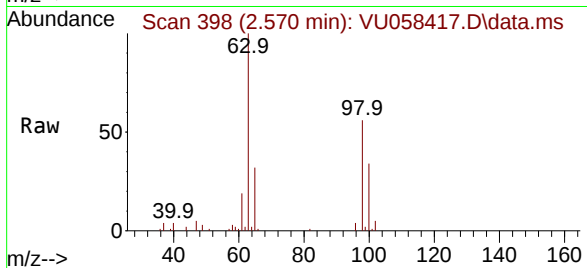
Tgt Ion: 96 Resp: 1158

Ion Ratio Lower Upper

96 100

61 436.9 132.5 246.1#

63 2270.7 87.7 162.9#



#16

Methylene chloride

Concen: 0.164 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU058417.D

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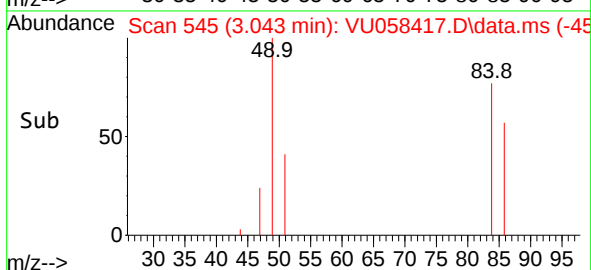
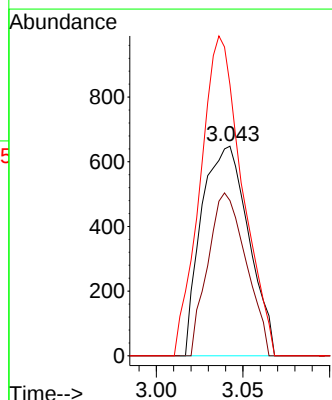
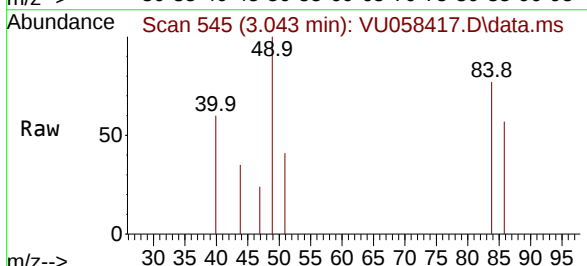
Tgt Ion: 84 Resp: 1225

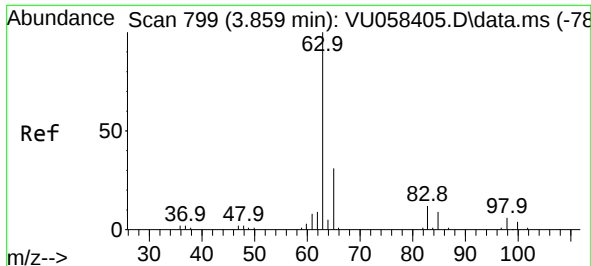
Ion Ratio Lower Upper

84 100

86 74.1 44.3 82.3

49 129.3 96.0 178.2

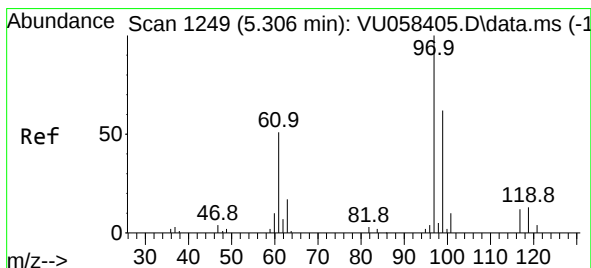
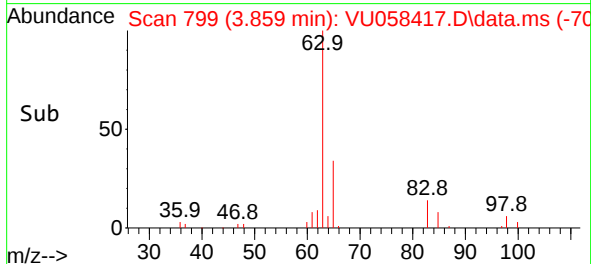
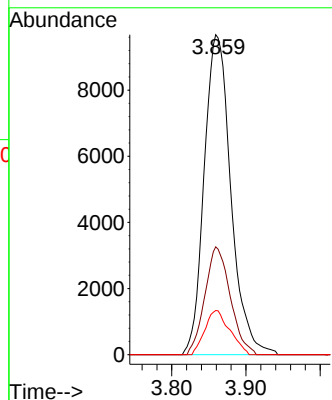
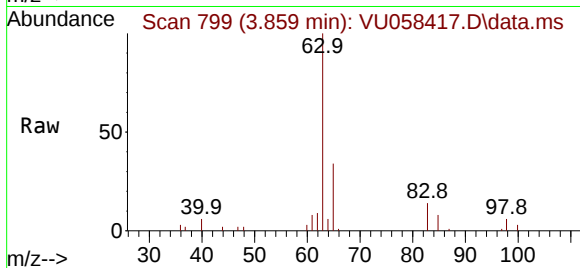




#19
 1,1-Dichloroethane
 Concen: 1.877 ug/L
 RT: 3.859 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VU058417.D
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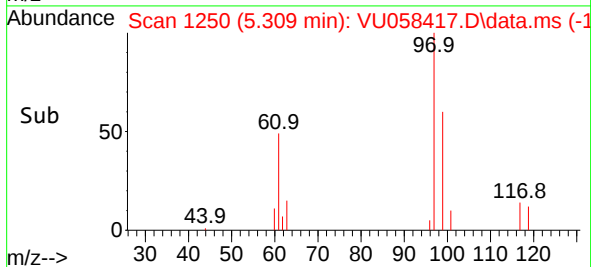
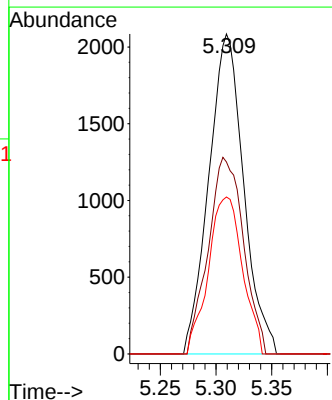
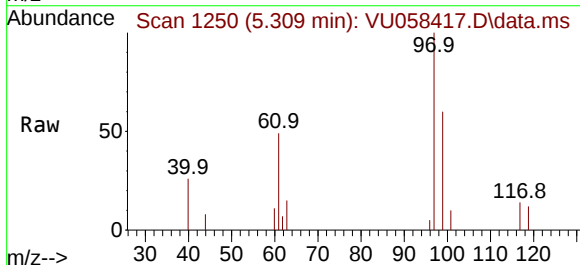
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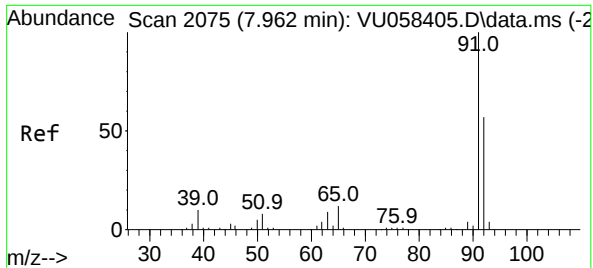
Tgt Ion:	63	Resp:	24184
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.9	42.5
83	13.8	9.6	17.8



#29
 1,1,1-Trichloroethane
 Concen: 0.430 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.003 min
 Lab File: VU058417.D
 Acq: 05 Apr 2024 14:02

Tgt Ion:	97	Resp:	4531
Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.4	75.6
61	48.2	39.4	59.0





#42
Toluene
Concen: 0.691 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU058417.D
Acq: 05 Apr 2024 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0AH4

Tgt Ion: 91 Resp: 20657
Ion Ratio Lower Upper
91 100
92 56.3 39.5 73.3

