

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030439.D
 Acq On : 07 Apr 2023 13:41
 Operator : SY/MD
 Sample : 02225-07DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4DL

Quant Time: Apr 10 03:56:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

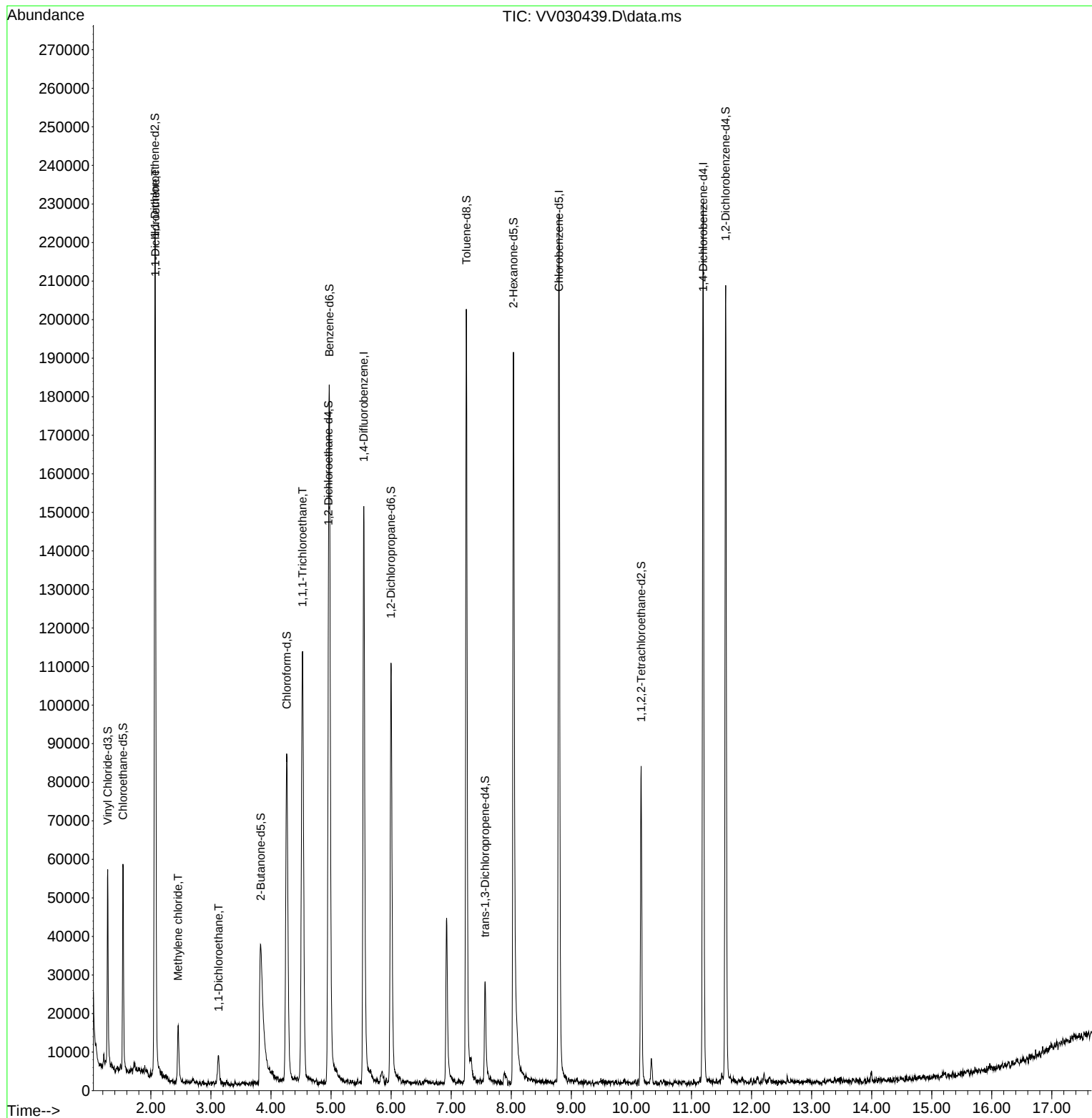
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127435	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	123436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33092	3.921	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.535	69	34968	4.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.066	63	84403	4.214	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	3.828	46	89153	40.868	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.740%	
24) Chloroform-d	4.262	84	89162	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	4.957	65	44407	4.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	4.973	84	157451	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	5.998	67	48618	4.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.252	98	134658	4.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	7.564	79	16340	3.985	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.037	63	68449	41.546	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.100%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36483	4.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	53133	4.823	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.076	96	40904	3.842	ug/L	93
16) Methylene chloride	2.455	84	5834	0.463	ug/L	85
19) 1,1-Dichloroethane	3.127	63	6848	0.315	ug/L	98
29) 1,1,1-Trichloroethane	4.526	97	93768	4.726	ug/L	99

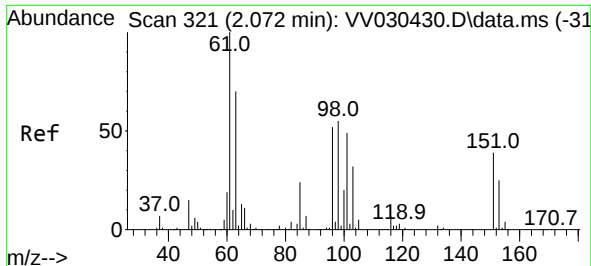
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.842 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

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C0AD4DL

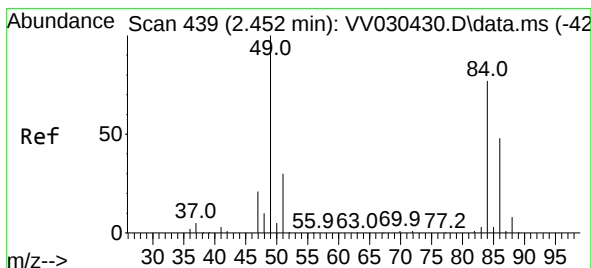
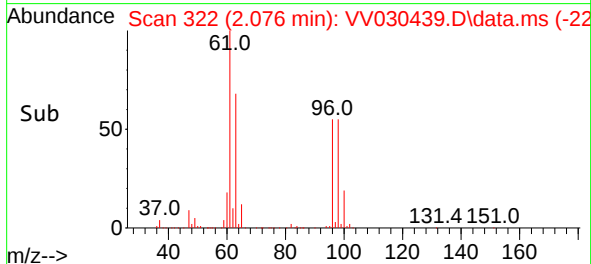
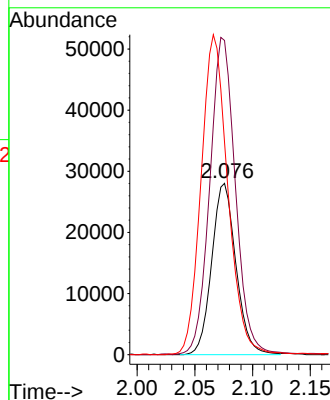
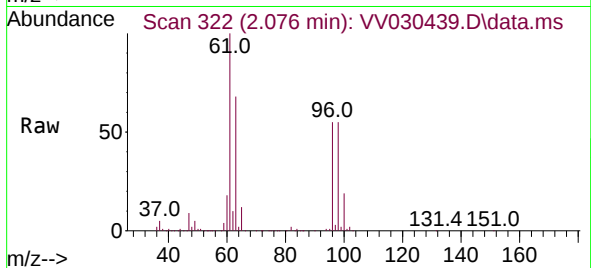
Tgt Ion: 96 Resp: 40904

Ion Ratio Lower Upper

96 100

61 183.3 136.3 253.1

63 124.1 92.1 171.1



#16

Methylene chloride

Concen: 0.463 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

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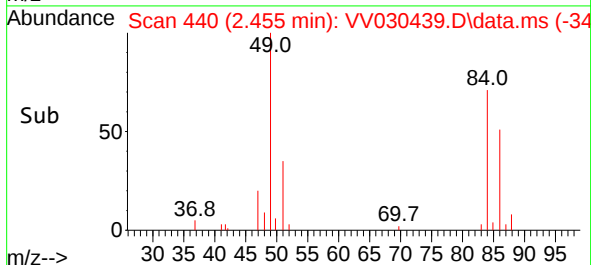
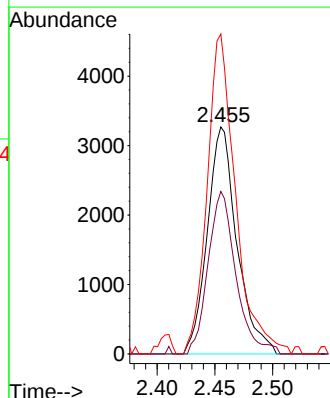
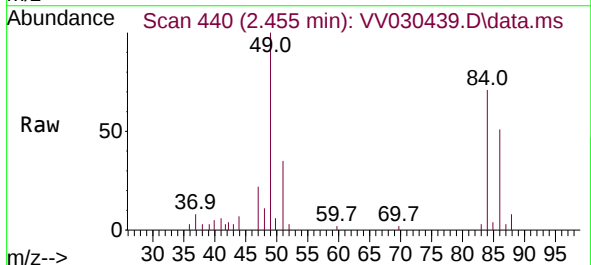
Tgt Ion: 84 Resp: 5834

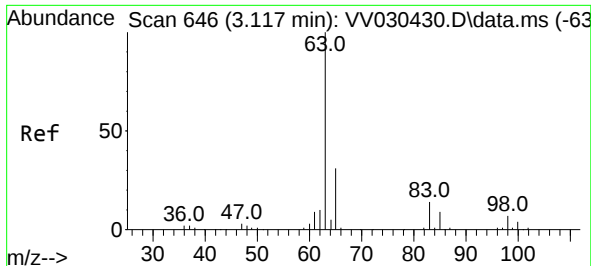
Ion Ratio Lower Upper

84 100

86 71.6 44.0 81.6

49 148.9 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.315 ug/L

RT: 3.127 min Scan# 64

Delta R.T. 0.010 min

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C0AD4DL

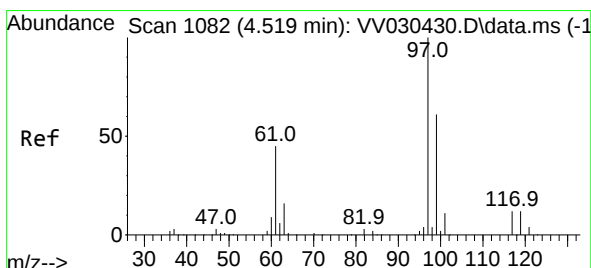
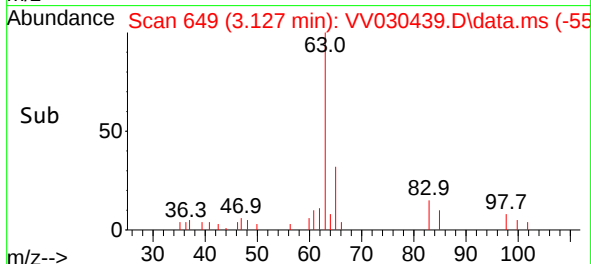
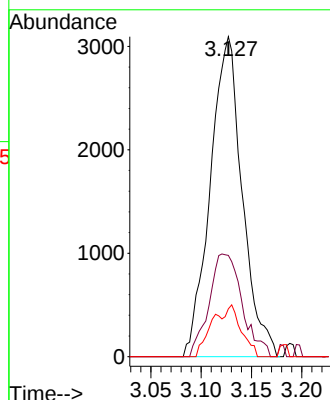
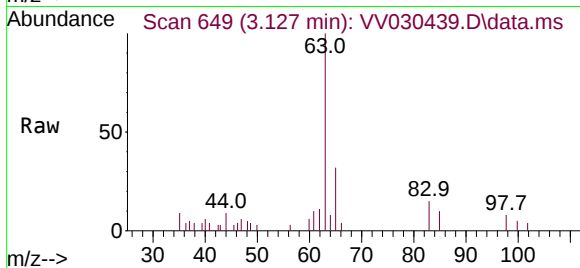
Tgt Ion: 63 Resp: 6848

Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

83 15.0 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 4.726 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030439.D

Acq: 07 Apr 2023 13:41

Tgt Ion: 97 Resp: 93768

Ion Ratio Lower Upper

97 100

99 63.1 50.9 76.3

61 45.2 35.9 53.9

