

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022492.D
 Acq On : 02 Oct 2021 03:15
 Operator : SY/MD
 Sample : M4024-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 COAMO

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:24:37 PM

Quant Time: Oct 02 03:34:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	242337	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	229617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	107941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69790	46.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.140%		
7) Chloroethane-d5	1.568	69	57269	48.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.220%		
11) 1,1-Dichloroethene-d2	2.108	63	112134	37.945	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.880%		
21) 2-Butanone-d5	3.892	46	68352m	82.852	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.850%		
24) Chloroform-d	4.352	84	123907	45.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.500%		
26) 1,2-Dichloroethane-d4	5.034	65	76286	48.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.060%		
32) Benzene-d6	5.050	84	253957	47.741	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.480%		
36) 1,2-Dichloropropane-d6	6.072	67	77363	47.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.480%		
41) Toluene-d8	7.317	98	225517	46.218	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.440%		
43) trans-1,3-Dichloroprop...	7.625	79	31969	41.261	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.520%		
47) 2-Hexanone-d5	8.091	63	59522	87.741	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.740%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	100469	44.121	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.240%		
66) 1,2-Dichlorobenzene-d4	11.625	152	86247	48.997	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.000%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	22631	13.369	ug/L #	41
19) 1,1-Dichloroethane	3.191	63	4561	1.387	ug/L	95
20) cis-1,2-Dichloroethene	3.912	96	111346	56.244	ug/L	100
34) Trichloroethene	5.915	95	248497	134.239	ug/L	98

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

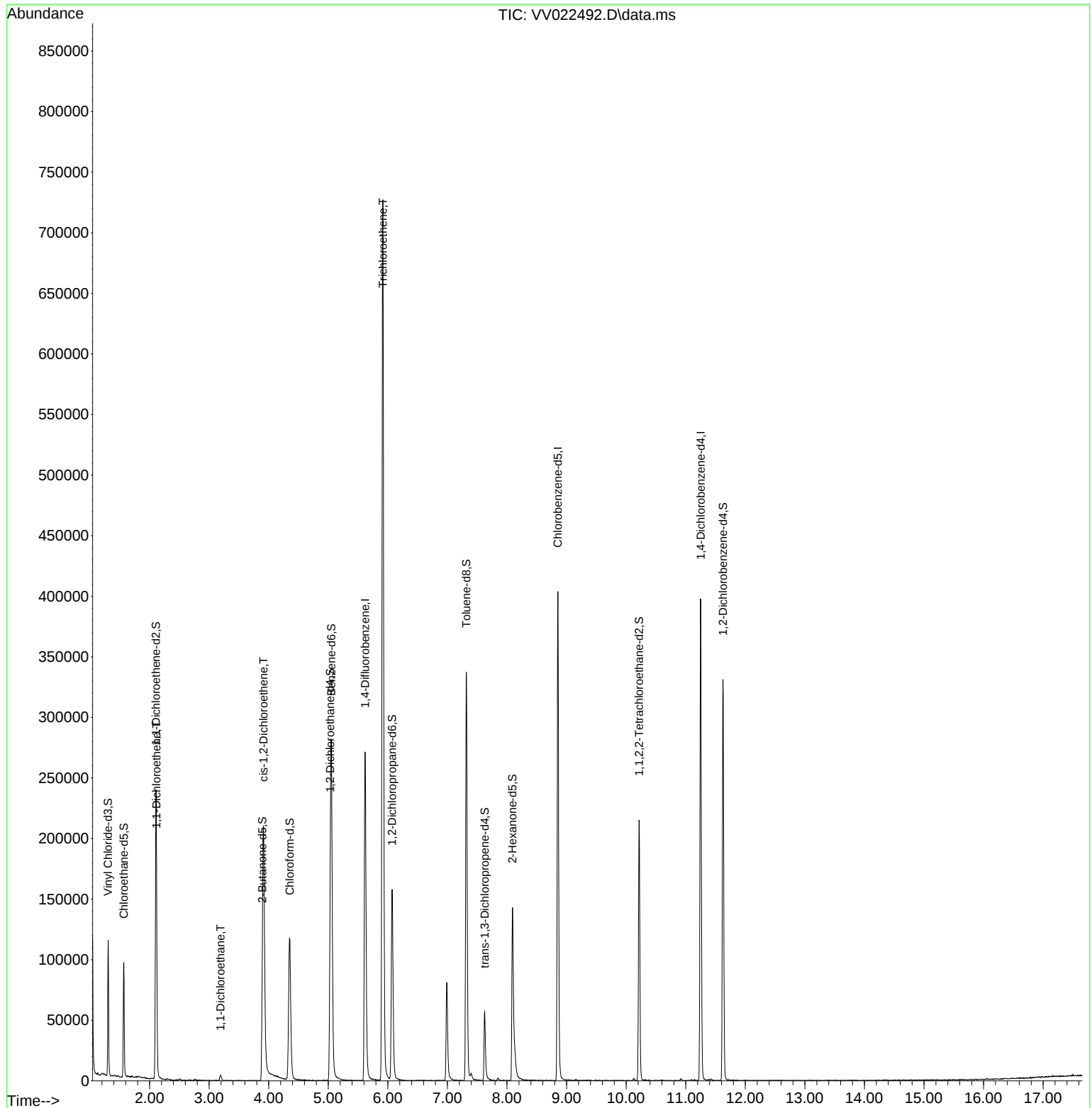
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
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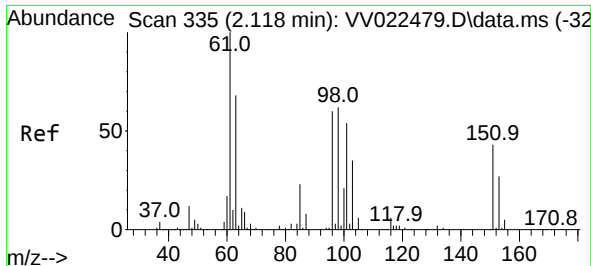
Instrument :
MSVOA_V
ClientSampleId :
C0AM0

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QLast Update : Sat Oct 02 01:27:14 2021
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#12

1,1-Dichloroethene

Concen: 13.369 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV022492.D

Acq: 02 Oct 2021 03:15

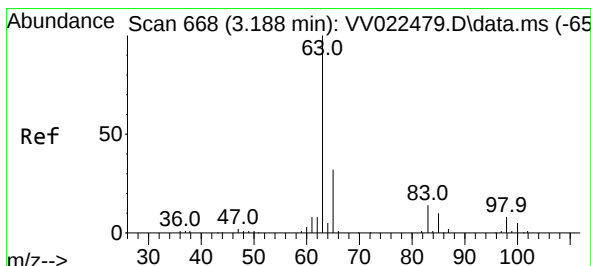
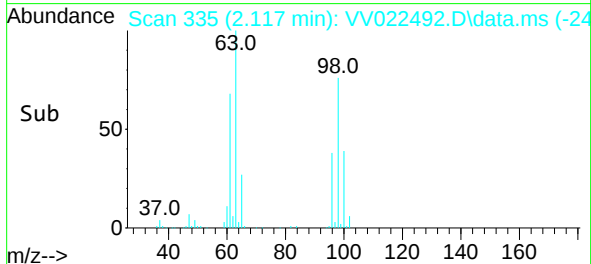
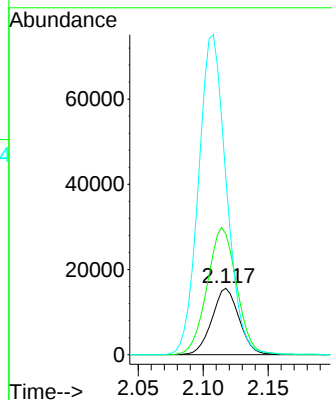
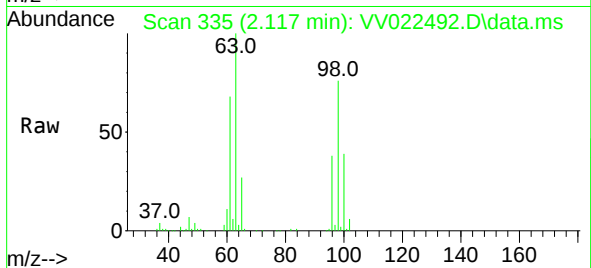
Tgt Ion: 96 Resp: 22631

Ion Ratio Lower Upper

96 100

61 182.1 118.0 219.2

63 266.7 86.4 160.4#



#19

1,1-Dichloroethane

Concen: 1.387 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV022492.D

Acq: 02 Oct 2021 03:15

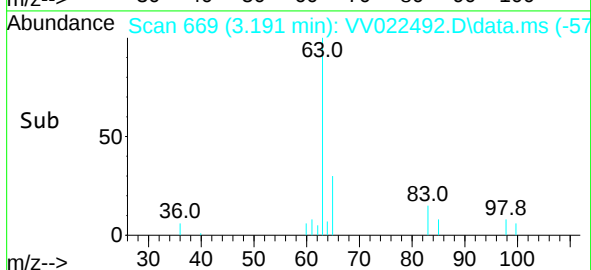
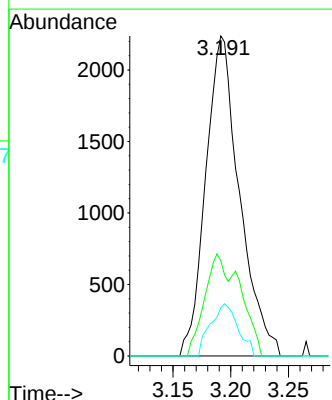
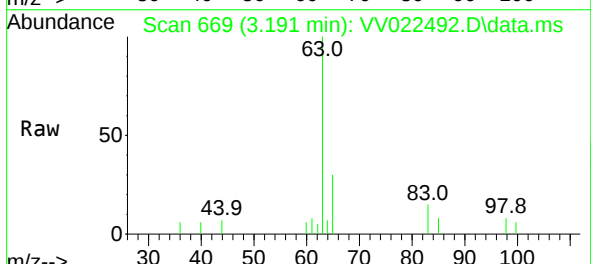
Tgt Ion: 63 Resp: 4561

Ion Ratio Lower Upper

63 100

65 29.7 22.9 42.5

83 15.1 9.4 17.4



Instrument :

MSVOA_V

ClientSampleId :

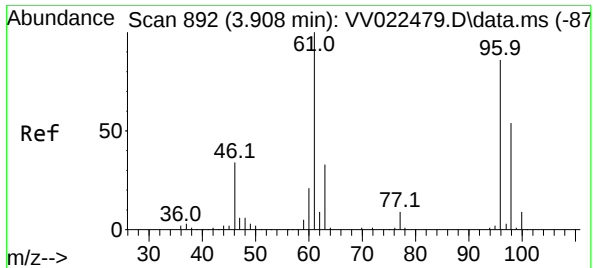
C0AM0

Manual Integrations

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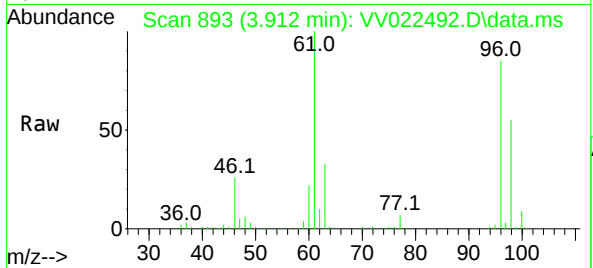
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10/6/2021 2:24:37 PM



#20
cis-1,2-Dichloroethene
Concen: 56.244 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022492.D
Acq: 02 Oct 2021 03:15

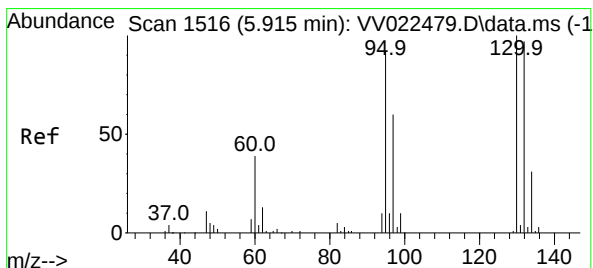
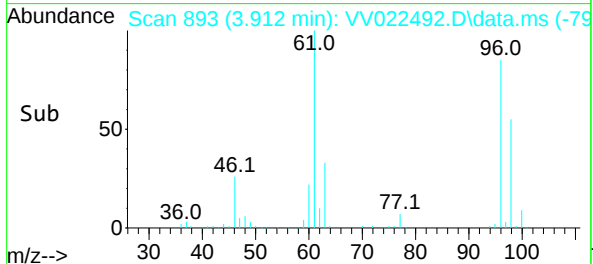
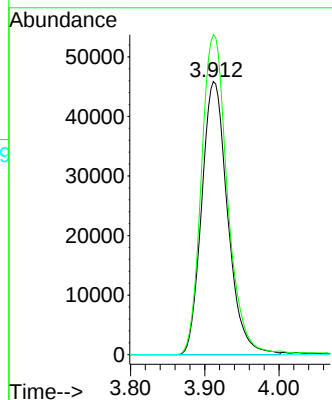
Instrument :
MSVOA_V
ClientSampleId :
COAM0



Tgt Ion: 96 Resp: 111346
Ion Ratio Lower Upper
96 100
61 117.1 81.9 152.1
68 0.0 0.0 0.0

Manual Integrations
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#34
Trichloroethene
Concen: 134.239 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022492.D
Acq: 02 Oct 2021 03:15

Tgt Ion: 95 Resp: 248497
Ion Ratio Lower Upper
95 100
97 64.6 45.4 84.4
132 104.9 71.5 132.9
130 109.5 75.2 139.6

