

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
 Data File : VV034585.D
 Acq On : 13 Mar 2024 19:15
 Operator : SY/MD
 Sample : P1739-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GG5

Quant Time: Mar 14 02:27:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

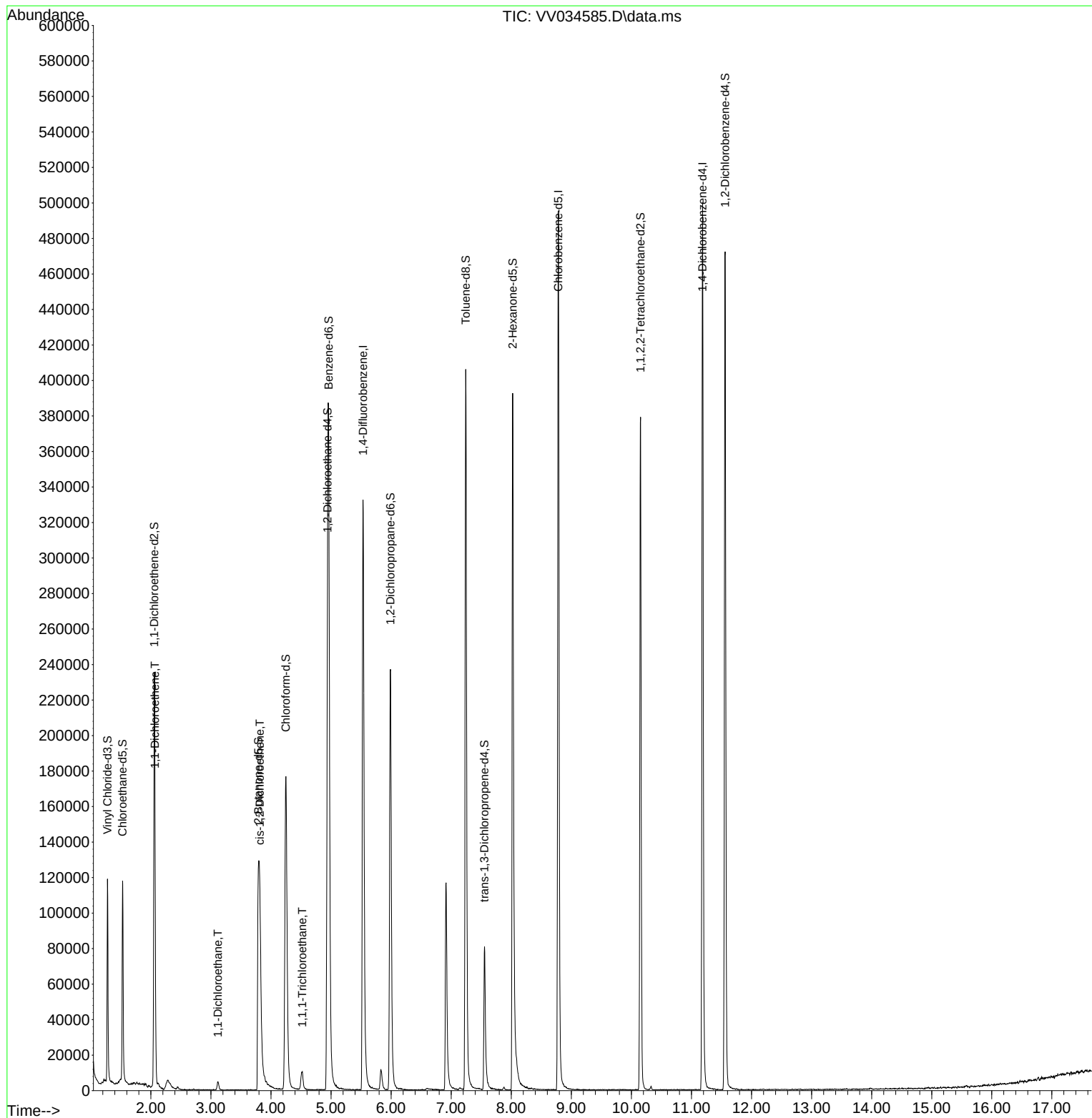
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	280943	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	264672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	126013	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69712	28.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.240%#
7) Chloroethane-d5	1.529	69	68469	36.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.180%
11) 1,1-Dichloroethene-d2	2.056	65	34384	31.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.440%
21) 2-Butanone-d5	3.789	46	186894	114.750	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.750%
24) Chloroform-d	4.246	84	190013	44.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.260%
26) 1,2-Dichloroethane-d4	4.941	65	131756	46.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
32) Benzene-d6	4.960	84	326460	40.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.740%
36) 1,2-Dichloropropane-d6	5.989	67	113881	46.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	7.243	98	272961	37.761	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.520%#
43) trans-1,3-Dichloroprop...	7.555	79	47056	38.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.880%
47) 2-Hexanone-d5	8.024	63	135292	111.141	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	174771	54.479	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	119661	46.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	15037	7.148	ug/L	# 1
19) 1,1-Dichloroethane	3.114	63	5190	1.301	ug/L	95
20) cis-1,2-Dichloroethene	3.815	96	33531	15.178	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	8876	2.339	ug/L	99

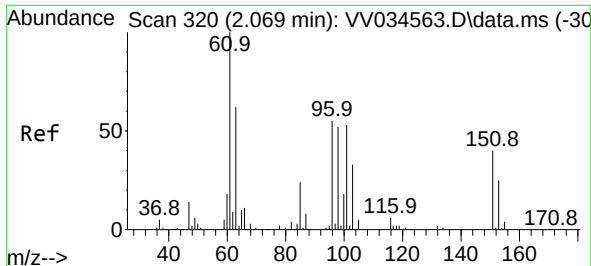
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 14 02:21:30 2024
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#12

1,1-Dichloroethene

Concen: 7.148 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034585.D

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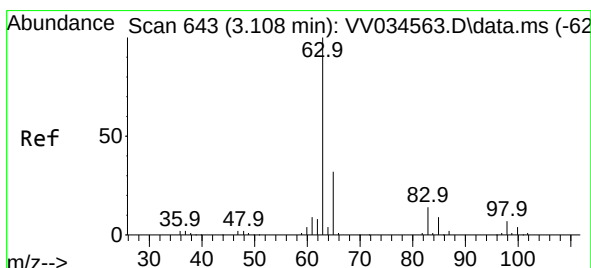
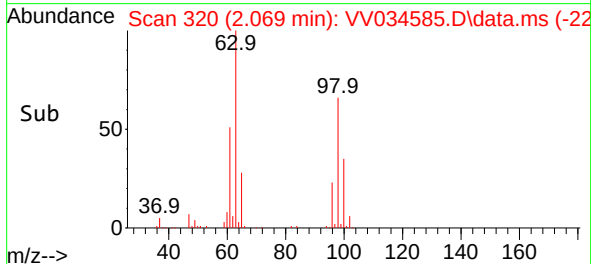
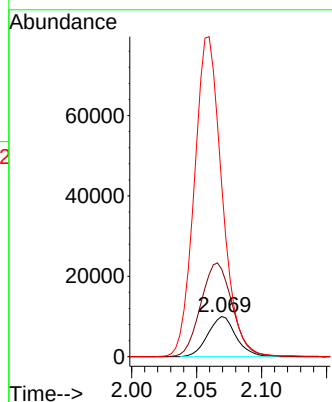
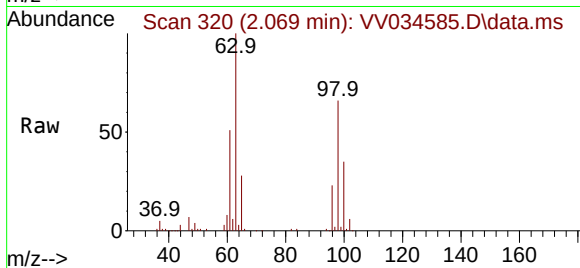
Tgt Ion: 96 Resp: 15037

Ion Ratio Lower Upper

96 100

61 217.5 128.9 239.3

63 429.8 98.0 182.0#



#19

1,1-Dichloroethane

Concen: 1.301 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.006 min

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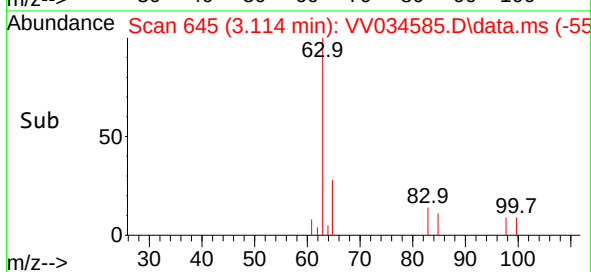
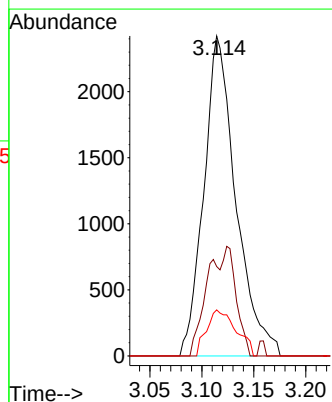
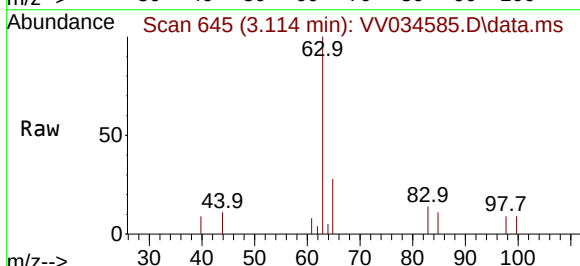
Tgt Ion: 63 Resp: 5190

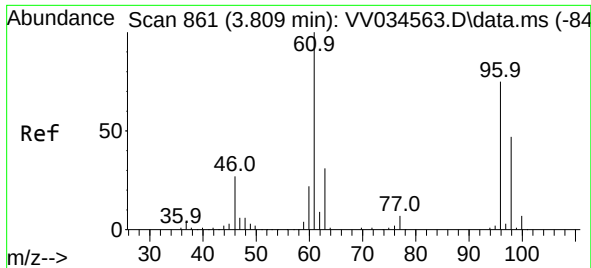
Ion Ratio Lower Upper

63 100

65 28.0 22.1 41.1

83 14.4 9.9 18.3

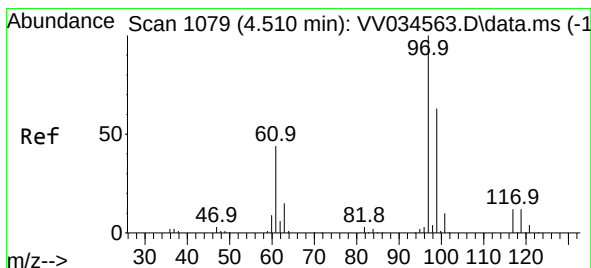
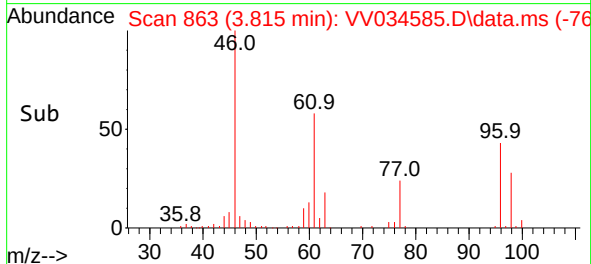
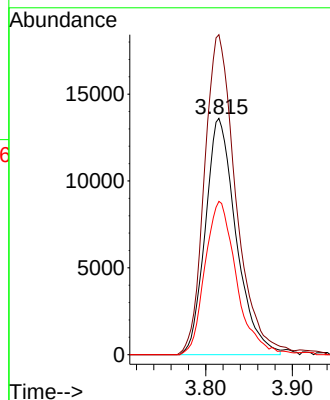
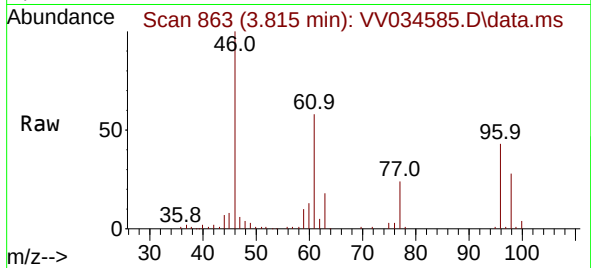




#20
 cis-1,2-Dichloroethene
 Concen: 15.178 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.006 min
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 MSVOA_V
 ClientSampleId :
 C0GG5

Tgt Ion: 96 Resp: 33531
 Ion Ratio Lower Upper
 96 100
 61 135.4 96.0 178.4
 98 64.8 46.0 85.4



#30
 1,1,1-Trichloroethane
 Concen: 2.339 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. 0.010 min
 Lab File: VV034585.D
 Acq: 13 Mar 2024 19:15

Tgt Ion: 97 Resp: 8876
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.3 76.9
 61 46.2 36.0 54.0

