

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040521\
 Data File : VW020933.D
 Acq On : 05 Apr 2021 22:30
 Operator : SY/MD
 Sample : M1880-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1D8

Quant Time: Apr 06 06:28:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 06:22:01 2021
 Response via : Initial Calibration

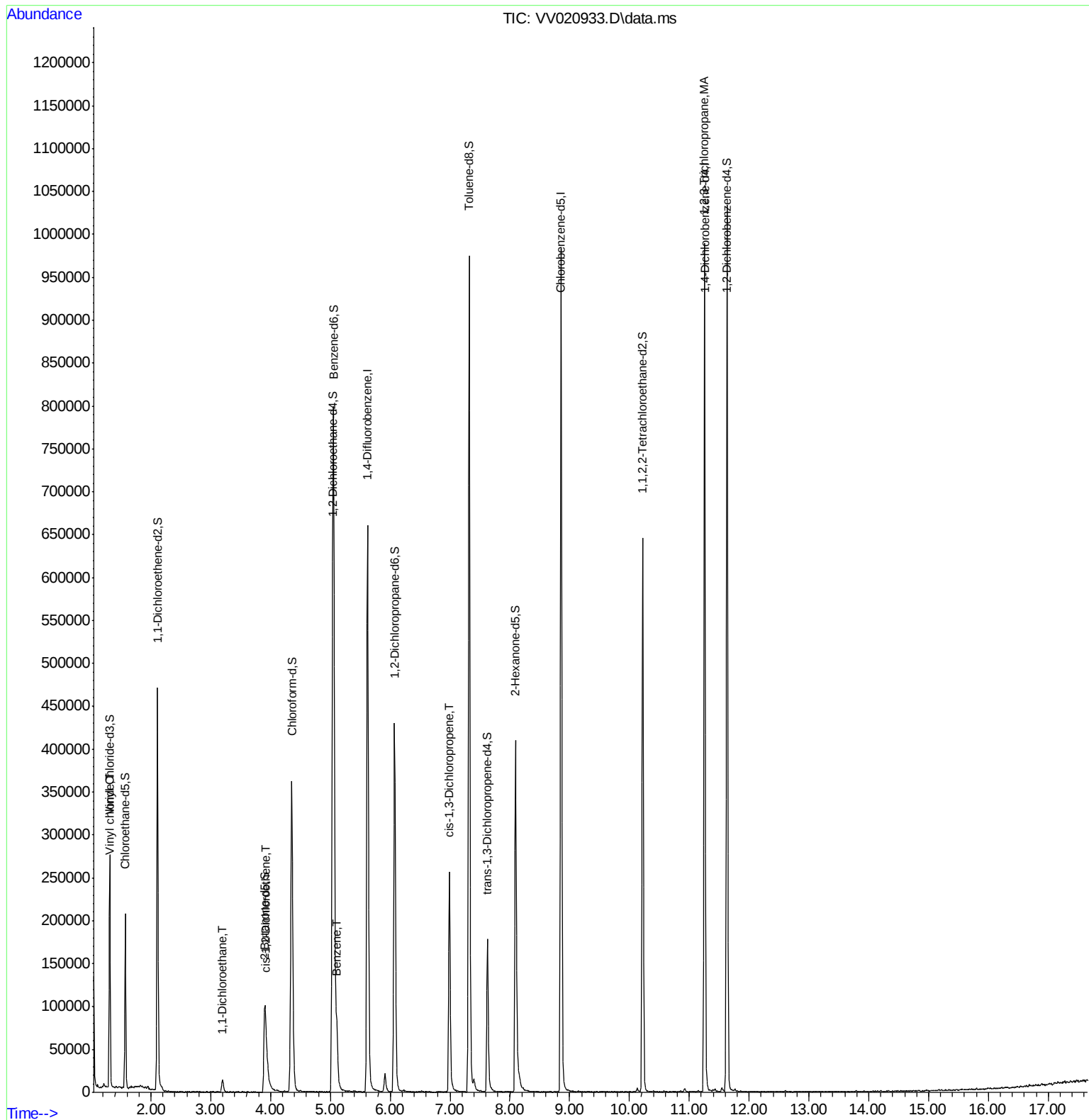
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	579755	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	560067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	271409	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	145288	35.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.60%
7) Chloroethane-d5	1.571	69	121941	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.108	63	233619	30.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.16%
21) 2-Butanone-d5	3.905	46	198799	74.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.24%
24) Chloroform-d	4.352	84	371820	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
26) 1,2-Dichloroethane-d4	5.037	65	258471	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.053	84	681292	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
36) 1,2-Dichloropropane-d6	6.072	67	197495	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.18%
41) Toluene-d8	7.320	98	651296	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloroprop...	7.625	79	109562	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.86%
47) 2-Hexanone-d5	8.095	63	143784	74.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.83%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	274998	41.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.38%
64) 1,2-Dichlorobenzene-d4	11.631	152	275644	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%
Target Compounds						
5) Vinyl chloride	1.314	62	20590	4.65	ug/L	83
19) 1,1-Dichloroethane	3.194	63	15019	2.08	ug/L	95
20) cis-1,2-Dichloroethene	3.918	96	4890	1.18	ug/L	82
33) Benzene	5.108	78	78916	5.11	ug/L	100
39) cis-1,3-Dichloropropene	6.985	75	6926	1.11	ug/L #	74
59) 1,2,3-Trichloropropane	11.252	75	24011	4.54	ug/L	90

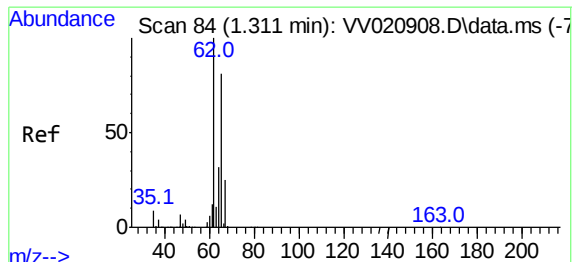
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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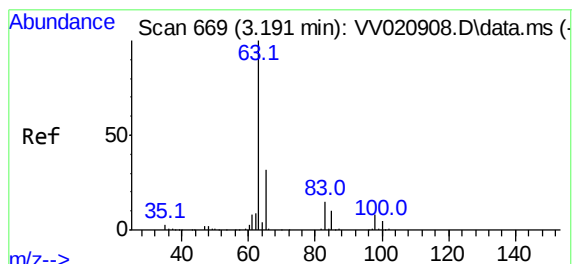
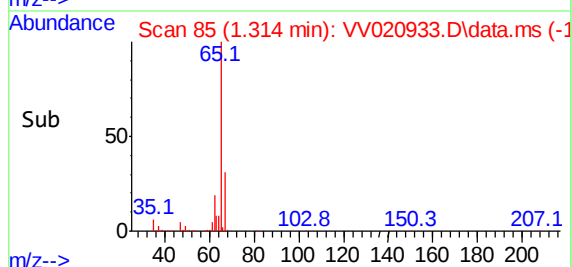
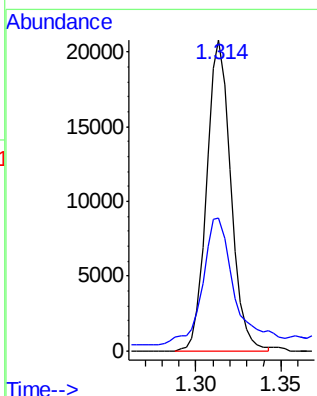
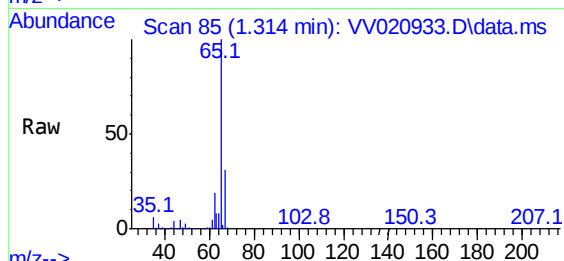




#5
 Vinyl chloride
 Concen: 4.65 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020933.D
 Acq: 05 Apr 2021 22:30

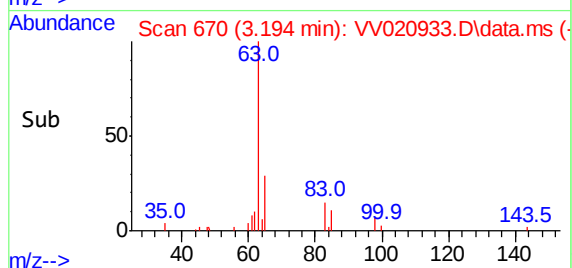
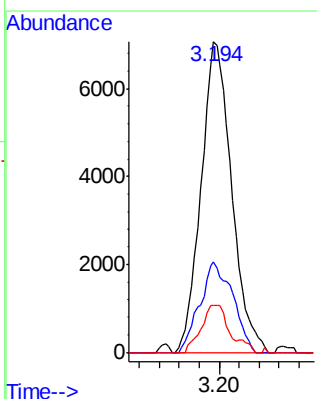
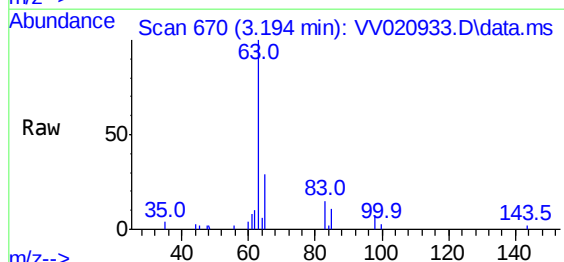
Instrument :
 MSVOA_V
 ClientSampled :
 EW1D8

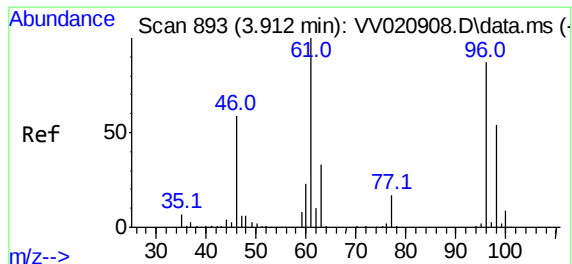
Tgt Ion: 62 Resp: 20590
 Ion Ratio Lower Upper
 62 100
 64 42.9 23.3 43.3



#19
 1,1-Dichloroethane
 Concen: 2.08 ug/L
 RT: 3.194 min Scan# 670
 Delta R.T. 0.003 min
 Lab File: VV020933.D
 Acq: 05 Apr 2021 22:30

Tgt Ion: 63 Resp: 15019
 Ion Ratio Lower Upper
 63 100
 65 29.2 22.5 41.9
 83 15.0 9.7 17.9

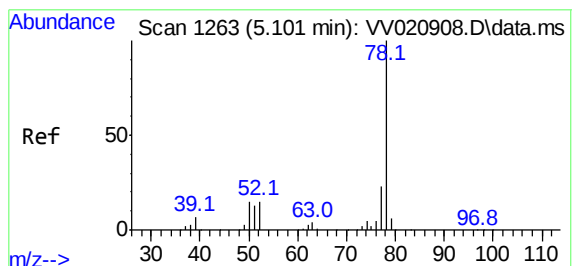
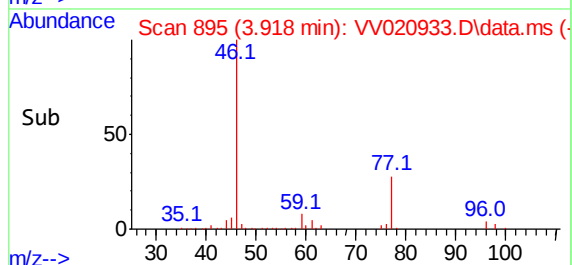
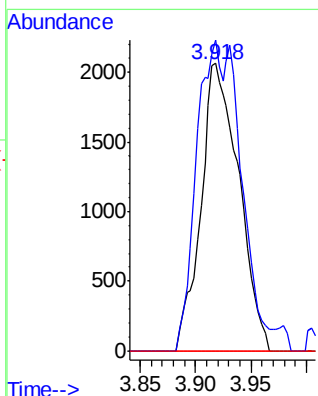
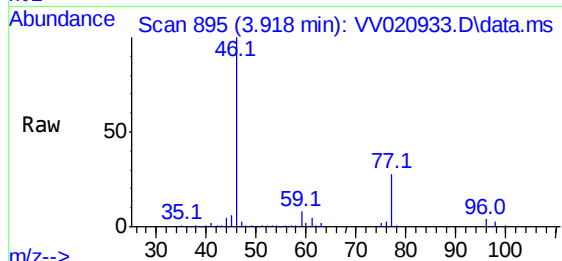




#20
 cis-1,2-Dichloroethene
 Concen: 1.18 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.006 min
 Lab File: VV020933.D
 Acq: 05 Apr 2021 22:30

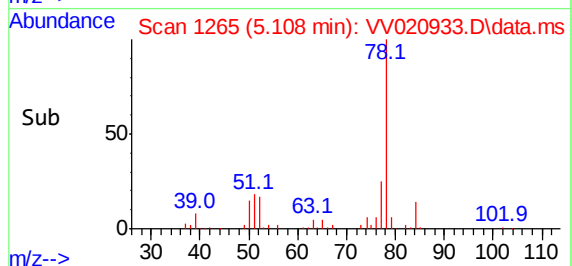
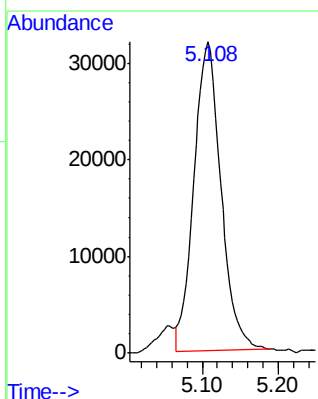
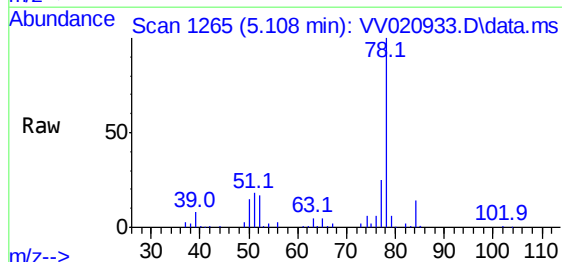
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 ClientSampled :
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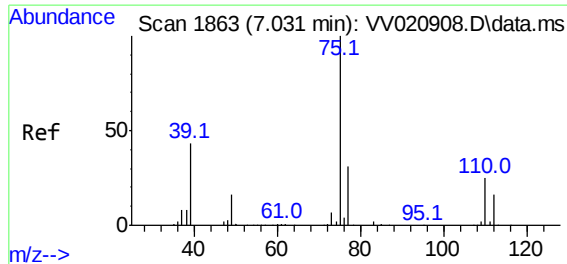
Tgt Ion: 96 Resp: 4890
 Ion Ratio Lower Upper
 96 100
 61 107.9 89.9 167.0
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 5.11 ug/L
 RT: 5.108 min Scan# 1265
 Delta R.T. 0.006 min
 Lab File: VV020933.D
 Acq: 05 Apr 2021 22:30

Tgt Ion: 78 Resp: 78916

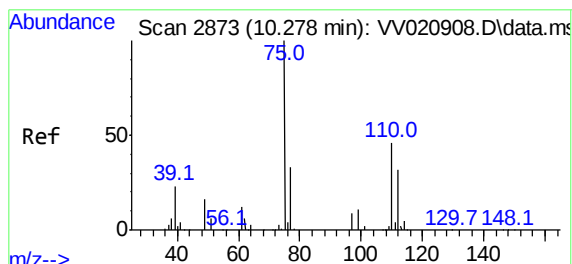
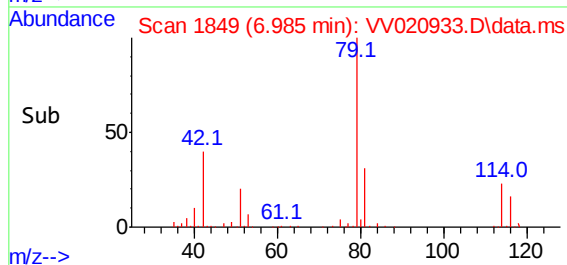
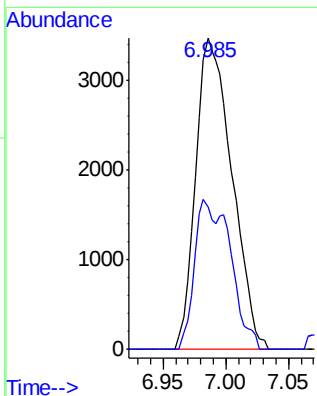
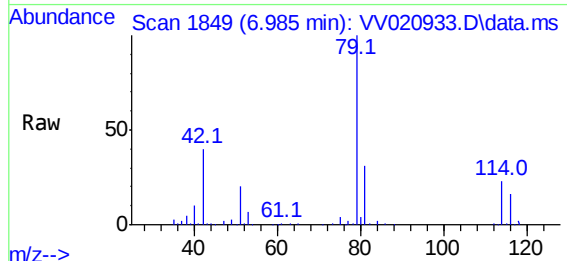




#39
cis-1,3-Dichloropropene
Concen: 1.11 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV020933.D
Acq: 05 Apr 2021 22:30

Instrument :
MSVOA_V
ClientSampleId :
EW1D8

Tgt Ion: 75 Resp: 6926
Ion Ratio Lower Upper
75 100
77 45.5 21.7 40.3#



#59
1,2,3-Trichloropropane
Concen: 4.54 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV020933.D
Acq: 05 Apr 2021 22:30

Tgt Ion: 75 Resp: 24011
Ion Ratio Lower Upper
75 100
77 37.0 25.3 37.9

