

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040821\
 Data File : VW020972.D
 Acq On : 08 Apr 2021 15:11
 Operator : SY/MD
 Sample : M1881-16MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESQF7MSD

Quant Time: Apr 09 06:32:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 06:30:02 2021
 Response via : Initial Calibration

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

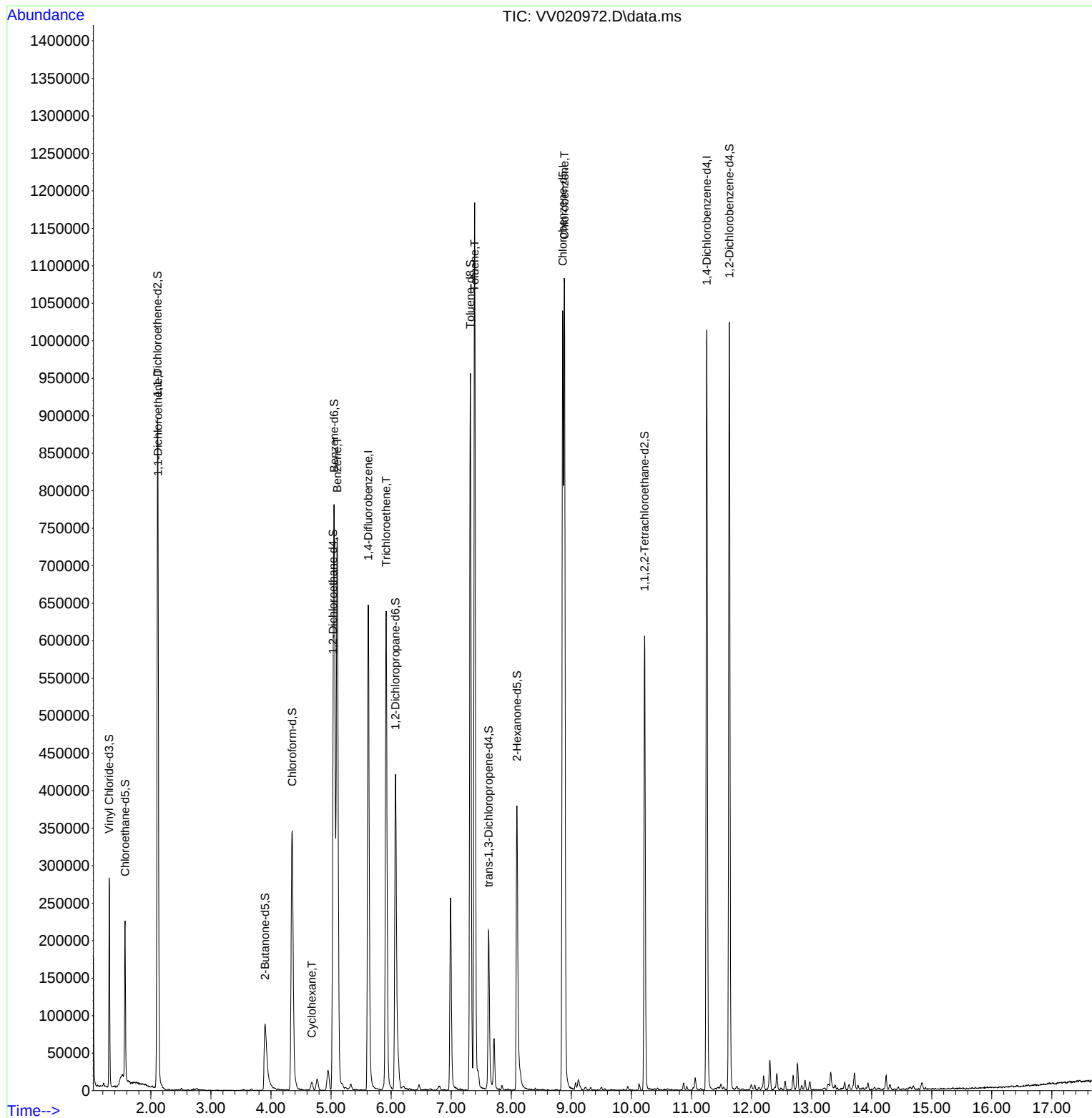
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	575033	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	553000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	275512	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	161647	39.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.20%		
7) Chloroethane-d5	1.571	69	125645	40.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.42%		
11) 1,1-Dichloroethene-d2	2.111	63	331392	43.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.04%		
21) 2-Butanone-d5	3.902	46	172148	64.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	64.81%		
24) Chloroform-d	4.352	84	362159	44.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.26%		
26) 1,2-Dichloroethane-d4	5.034	65	247730	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.70%		
32) Benzene-d6	5.053	84	667353	45.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.54%		
36) 1,2-Dichloropropane-d6	6.072	67	189897	41.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.92%		
41) Toluene-d8	7.320	98	630661	45.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.92%		
43) trans-1,3-Dichloroprop...	7.625	79	102429	42.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.08%		
47) 2-Hexanone-d5	8.095	63	132080	69.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	69.61%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	254200	38.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.12%		
64) 1,2-Dichlorobenzene-d4	11.632	152	275429	51.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.02%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	172473	51.40	ug/L	79
29) Cyclohexane	4.677	56	5311	0.85	ug/L	# 25
33) Benzene	5.101	78	762006	49.96	ug/L	100
34) Trichloroethene	5.918	95	215035	51.43	ug/L	94
42) Toluene	7.391	91	855255	51.59	ug/L	97
51) Chlorobenzene	8.886	112	582892	52.38	ug/L	97

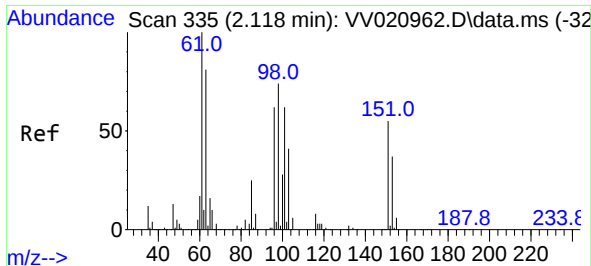
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 09 06:30:02 2021
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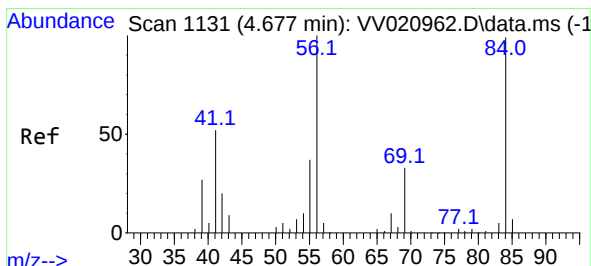
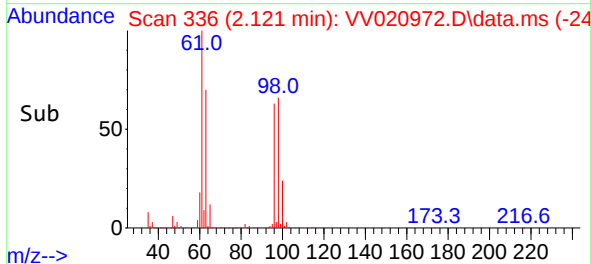
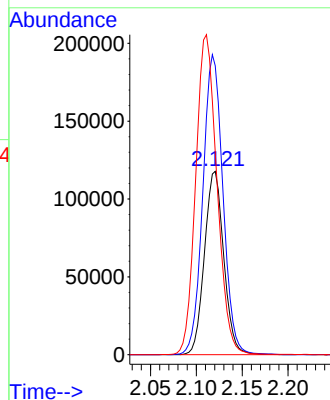
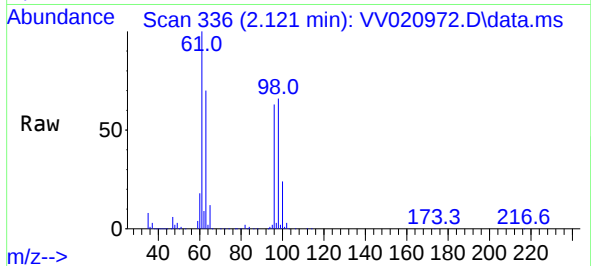




#12
1,1-Dichloroethene
Concen: 51.40 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV020972.D
Acq: 08 Apr 2021 15:11

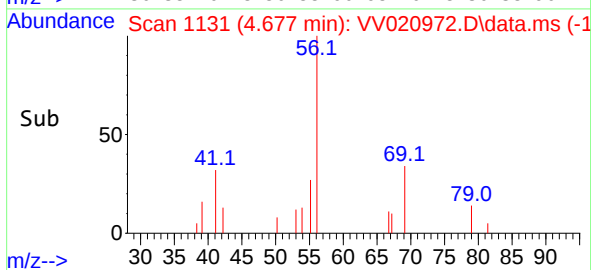
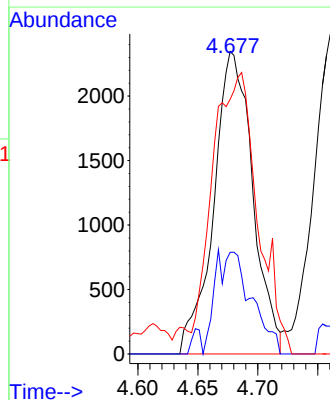
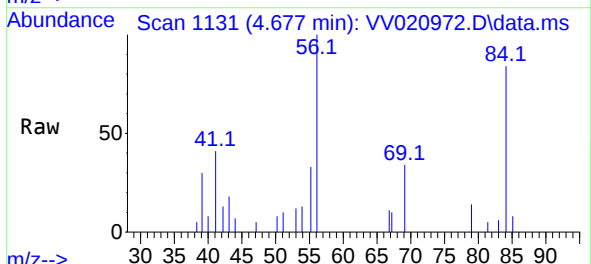
Instrument :
MSVOA_V
ClientSampleId :
ESQF7MSD

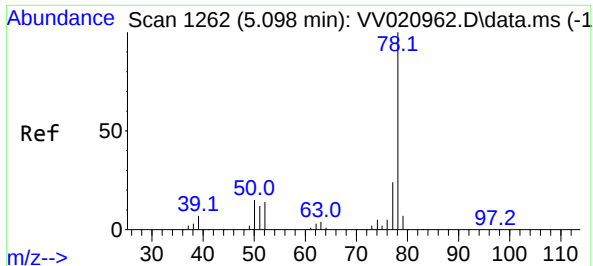
Tgt Ion: 96 Resp: 172473
Ion Ratio Lower Upper
96 100
61 157.6 126.3 234.6
63 110.3 100.2 186.2



#29
Cyclohexane
Concen: 0.85 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV020972.D
Acq: 08 Apr 2021 15:11

Tgt Ion: 56 Resp: 5311
Ion Ratio Lower Upper
56 100
69 7.6 24.4 36.6#
84 6.6 69.9 104.9#

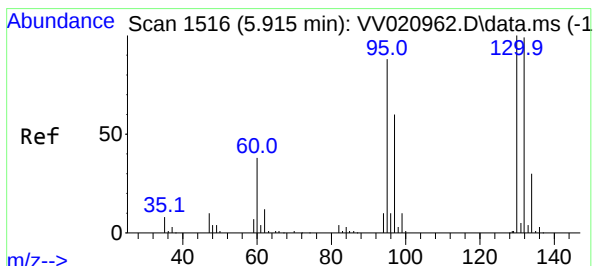
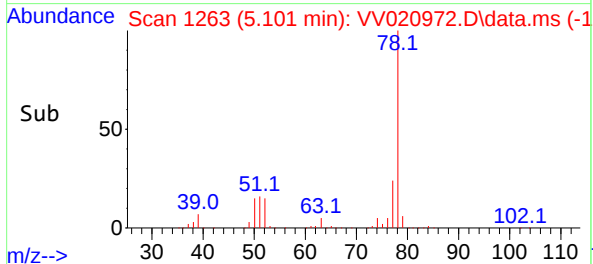
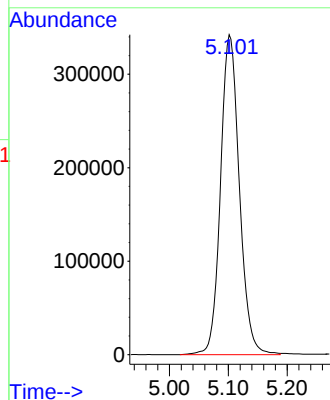
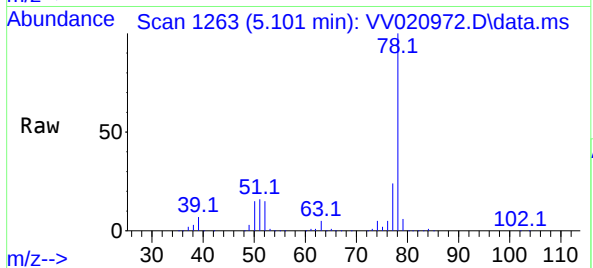




#33
Benzene
Concen: 49.96 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020972.D
Acq: 08 Apr 2021 15:11

Instrument :
MSVOA_V
ClientSampleId :
ESQF7MSD

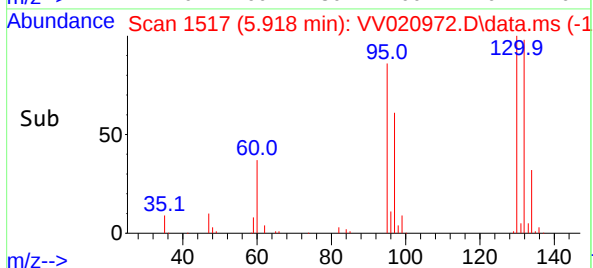
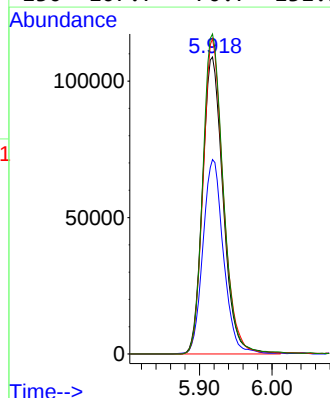
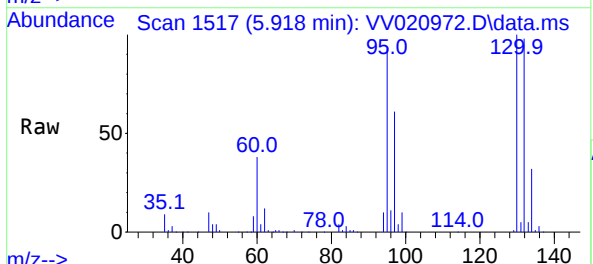
Tgt Ion: 78 Resp: 762006

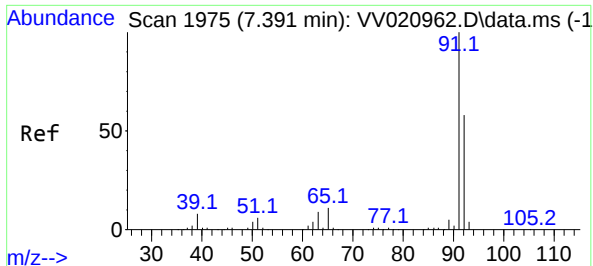


#34
Trichloroethene
Concen: 51.43 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020972.D
Acq: 08 Apr 2021 15:11

Tgt Ion: 95 Resp: 215035

Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.5	80.9
132	106.1	69.5	129.1
130	107.7	70.7	131.3

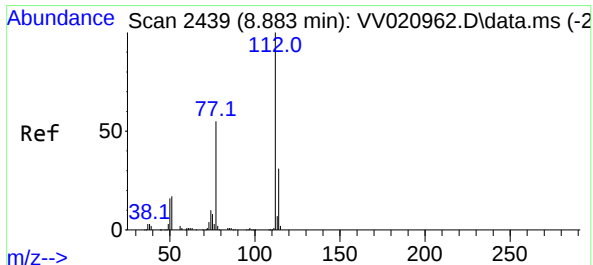
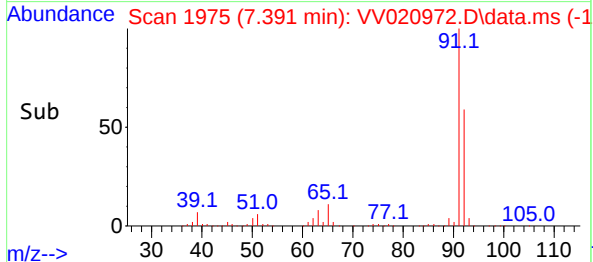
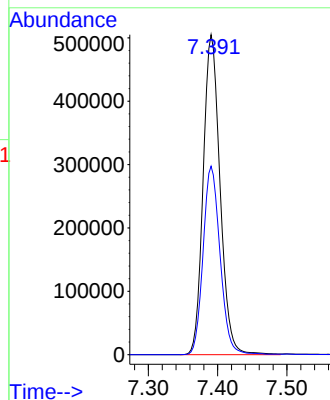
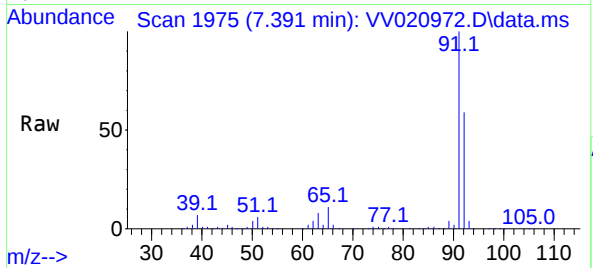




#42
Toluene
Concen: 51.59 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020972.D
Acq: 08 Apr 2021 15:11

Instrument :
MSVOA_V
ClientSampleId :
ESQF7MSD

Tgt Ion: 91 Resp: 855255
Ion Ratio Lower Upper
91 100
92 58.9 39.9 74.1



#51
Chlorobenzene
Concen: 52.38 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020972.D
Acq: 08 Apr 2021 15:11

Tgt Ion: 112 Resp: 582892
Ion Ratio Lower Upper
112 100
114 33.4 22.4 41.6
77 56.1 46.7 70.1

