

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031221\
 Data File : VW020528.D
 Acq On : 11 Mar 2021 11:46
 Operator : SY/MD
 Sample : M1632-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B66

Quant Time: Mar 12 04:12:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 04:11:04 2021
 Response via : Initial Calibration

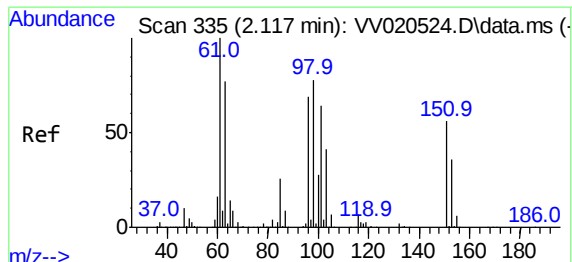
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	518371	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	511771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	250212	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	190300	50.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.18%			
7) Chloroethane-d5	1.568	69	149163	50.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.38%			
11) 1,1-Dichloroethene-d2	2.108	63	243561	38.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.08%			
21) 2-Butanone-d5	3.899	46	197975	102.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.89%			
24) Chloroform-d	4.352	84	324781	49.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.86%			
26) 1,2-Dichloroethane-d4	5.034	65	209557	51.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.84%			
32) Benzene-d6	5.053	84	685032	53.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.12%			
36) 1,2-Dichloropropane-d6	6.072	67	199330	51.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.16%			
41) Toluene-d8	7.320	98	641061	51.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.70%			
43) trans-1,3-Dichloroprop...	7.625	79	89735	48.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.60%			
47) 2-Hexanone-d5	8.095	63	131021	93.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.88%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	243881	47.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.34%			
64) 1,2-Dichlorobenzene-d4	11.632	152	288713	58.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.88%			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2569	0.76	ug/L #	24
12) 1,1-Dichloroethene	2.111	96	3294	0.98	ug/L #	1
25) Chloroform	4.378	83	13723	2.11	ug/L	95
27) 1,2-Dichloroethane	5.053	62	3598	0.76	ug/L	97
34) Trichloroethene	5.925	95	8800	2.20	ug/L	90
37) 1,2-Dichloropropane	5.905	63	2470	0.74	ug/L	100
39) cis-1,3-Dichloropropene	6.992	75	5140	1.01	ug/L #	56
48) 2-Hexanone	8.149	43	12022	3.99	ug/L #	93
59) 1,2,3-Trichloropropane	11.255	75	22730	5.05	ug/L	90

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

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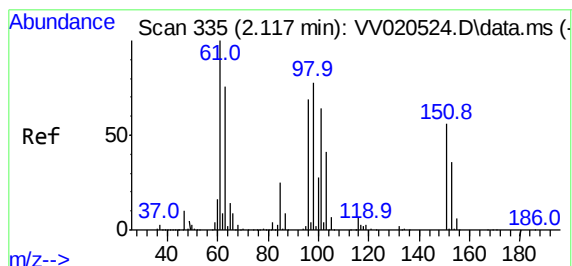
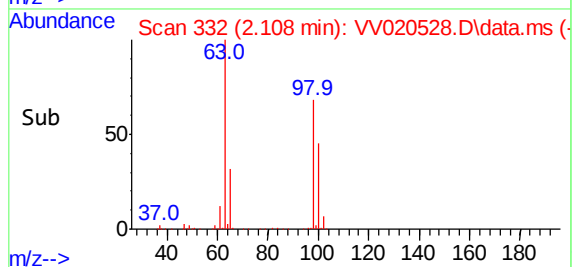
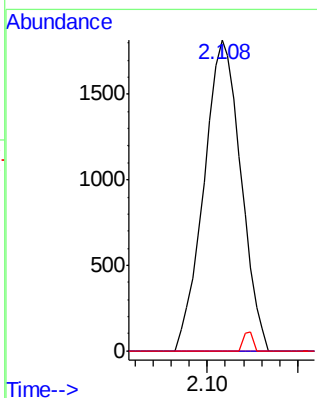
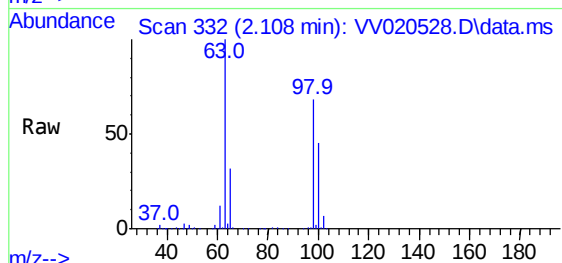




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.76 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.009 min
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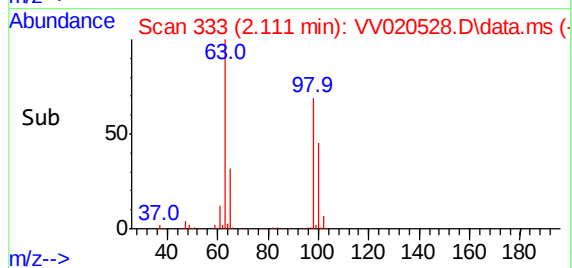
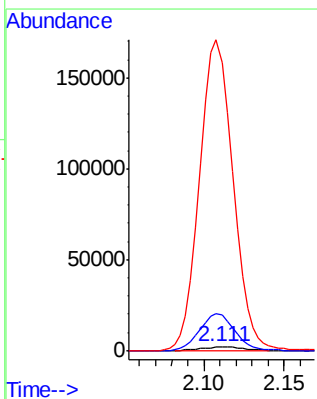
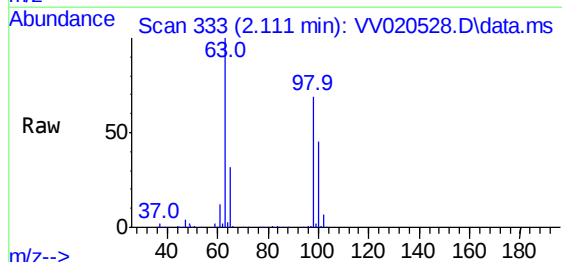
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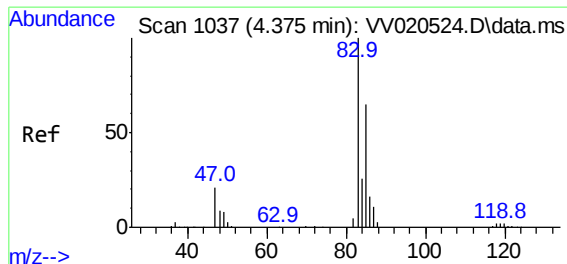
Tgt Ion:101 Resp: 2569
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 1.6 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 0.98 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV020528.D
 Acq: 11 Mar 2021 11:46

Tgt Ion: 96 Resp: 3294
 Ion Ratio Lower Upper
 96 100
 61 937.6 134.9 250.5#
 63 7592.7 117.6 218.4#

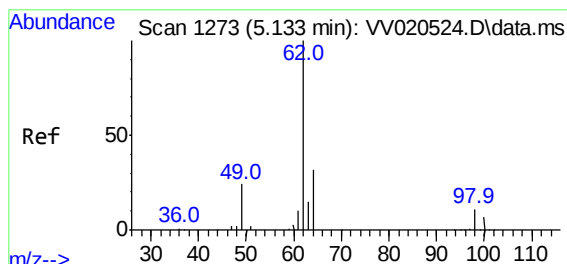
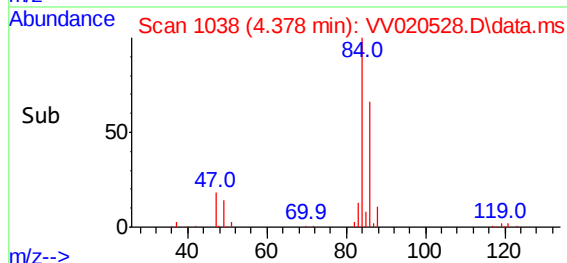
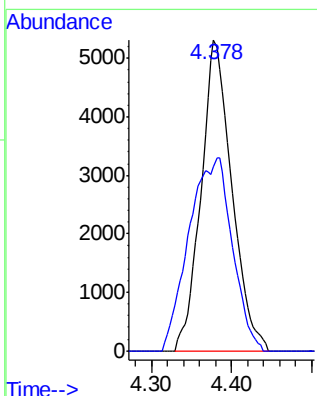
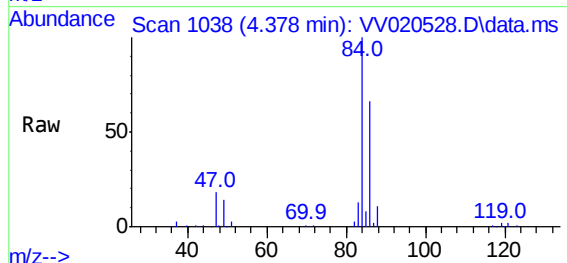




#25
Chloroform
Concen: 2.11 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020528.D
Acq: 11 Mar 2021 11:46

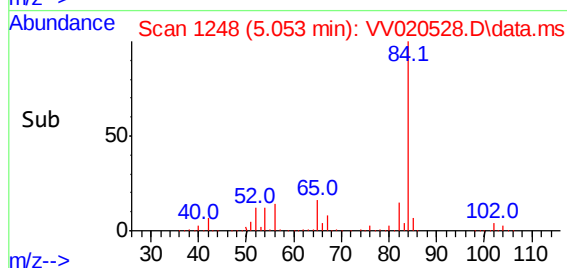
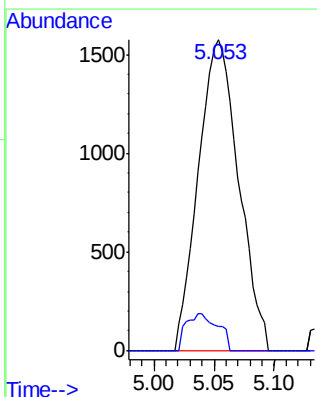
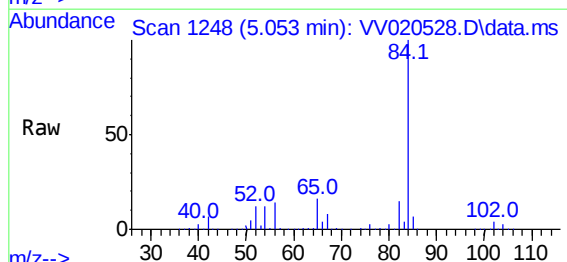
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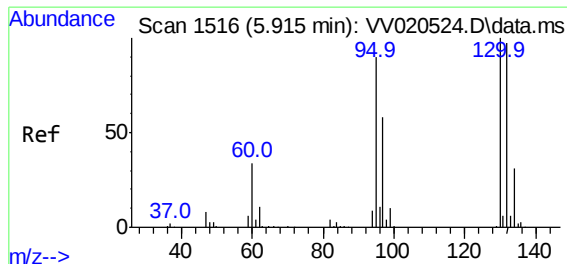
Tgt Ion: 83 Resp: 13723
Ion Ratio Lower Upper
83 100
85 59.4 44.2 82.2



#27
1,2-Dichloroethane
Concen: 0.76 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.080 min
Lab File: VV020528.D
Acq: 11 Mar 2021 11:46

Tgt Ion: 62 Resp: 3598
Ion Ratio Lower Upper
62 100
98 7.6 6.9 10.3

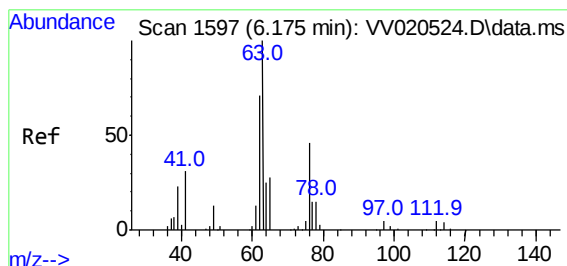
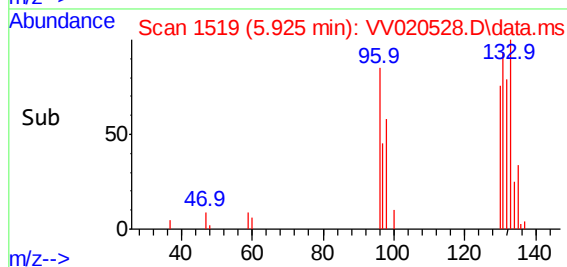
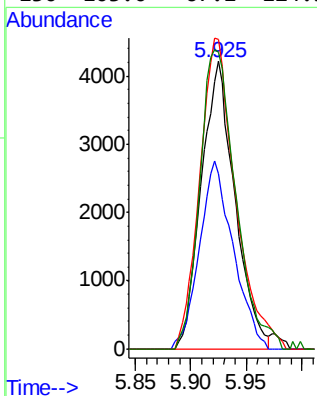
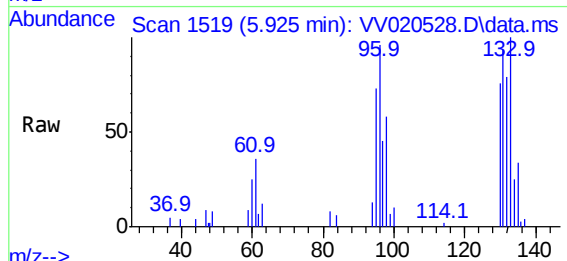




#34
Trichloroethene
Concen: 2.20 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV020528.D
Acq: 11 Mar 2021 11:46

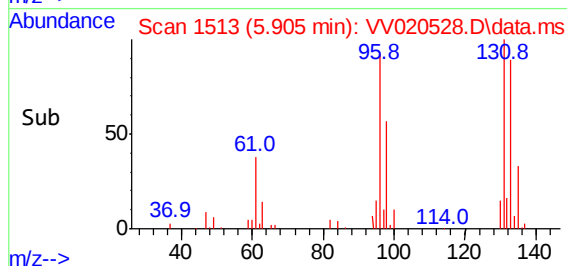
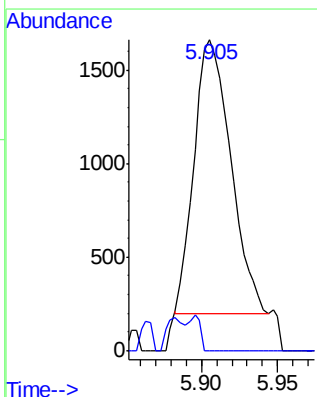
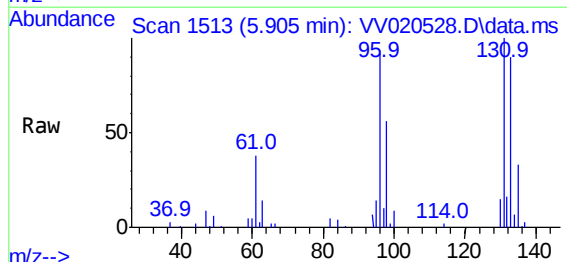
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ClientSampleId :
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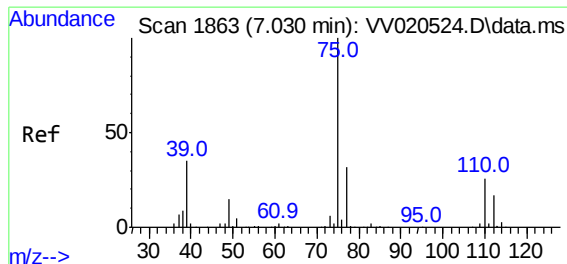
Tgt Ion: 95 Resp: 8800
Ion Ratio Lower Upper
95 100
97 60.9 44.5 82.7
132 107.6 63.4 117.8
130 103.0 67.1 124.5



#37
1,2-Dichloropropane
Concen: 0.74 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.270 min
Lab File: VV020528.D
Acq: 11 Mar 2021 11:46

Tgt Ion: 63 Resp: 2470
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9

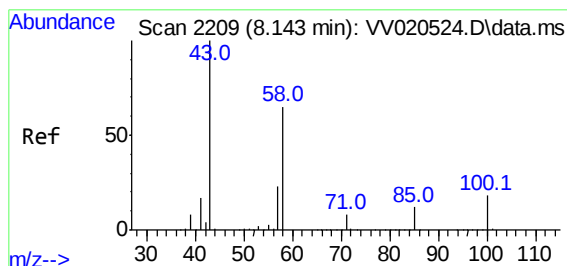
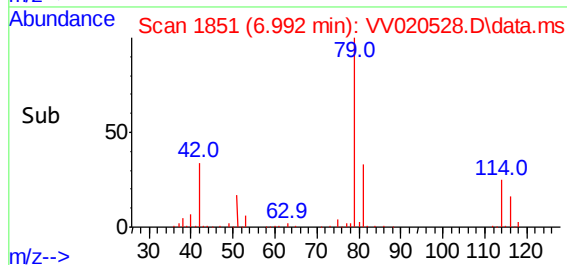
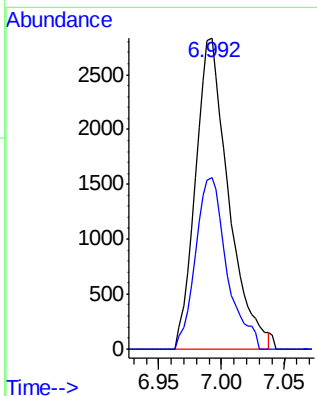
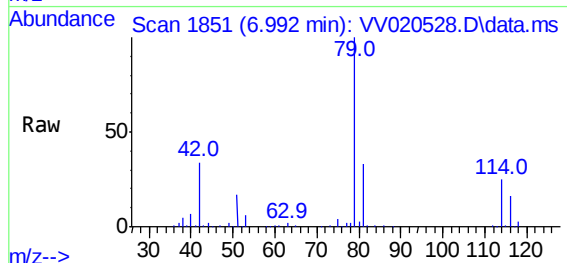




#39
cis-1,3-Dichloropropene
Concen: 1.01 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.038 min
Lab File: VV020528.D
Acq: 11 Mar 2021 11:46

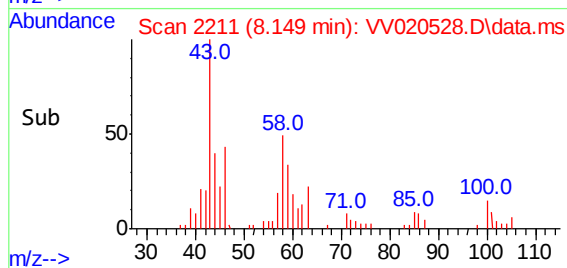
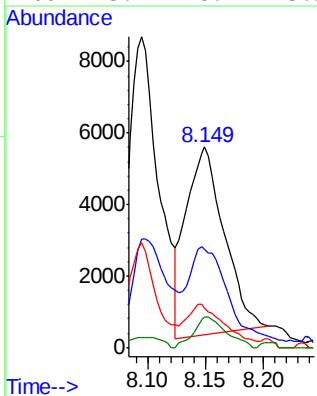
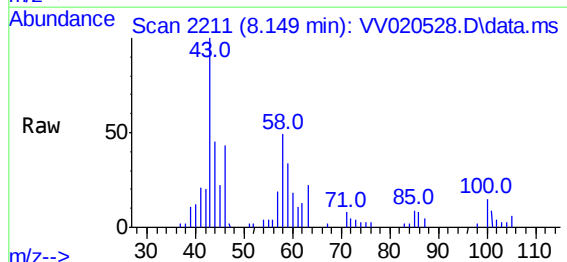
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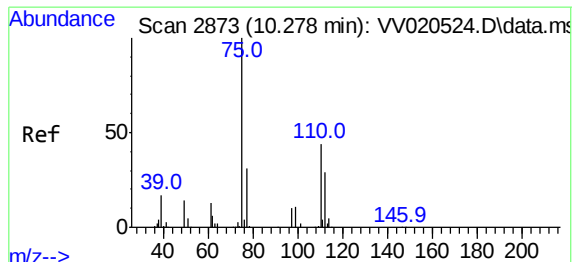
Tgt Ion: 75 Resp: 5140
Ion Ratio Lower Upper
75 100
77 55.2 21.8 40.6#



#48
2-Hexanone
Concen: 3.99 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV020528.D
Acq: 11 Mar 2021 11:46

Tgt Ion: 43 Resp: 12022
Ion Ratio Lower Upper
43 100
58 56.9 41.8 62.6
57 23.0 15.0 22.4#
100 13.7 8.9 13.3#





#59
 1,2,3-Trichloropropane
 Concen: 5.05 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.978 min
 Lab File: VV020528.D
 Acq: 11 Mar 2021 11:46

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B66

Tgt Ion: 75 Resp: 22730
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.4 38.0

