

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018166.D
 Acq On : 16 Feb 2021 16:39
 Operator : SY/VA
 Sample : M1414-08
 Misc : 5.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX4

Quant Time: Feb 17 01:07:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

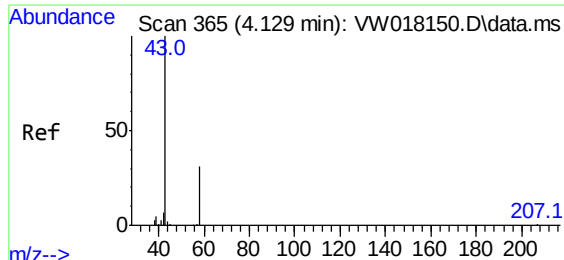
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	384358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	323483	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	142149	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	66564	13.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.72%		
7) Chloroethane-d5	2.898	69	63144	16.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.64%		
10) 1,1-Dichloroethene-d2	4.025	63	116039	12.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.60%		
20) 2-Butanone-d5	7.074	46	43388	34.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.08%		
24) Chloroform-d	7.647	84	210158	20.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.36%		
26) 1,2-Dichloroethane-d4	8.305	65	104562	19.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.84%		
29) Benzene-d6	8.275	84	389410	21.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.68%		
33) 1,2-Dichloropropane-d6	9.274	67	115610	23.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.08%		
37) Toluene-d8	10.323	98	349839	20.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.80%		
38) trans-1,3-Dichloroprop...	10.579	79	43223	19.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.76%		
39) 2-Hexanone-d5	10.927	63	36158	38.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.14%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	92233	21.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	118676	23.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.60%		
Target Compounds						
13) Acetone	4.117	43	477	0.51	ug/L	62
16) Methylene chloride	4.922	84	7845	1.27	ug/L	87
35) Trichloroethene	8.842	95	11672	2.19	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	12813	2.95	ug/L #	85
42) cis-1,3-Dichloropropene	10.037	75	3147	0.45	ug/L #	65
45) trans-1,3-Dichloropropene	10.579	75	1917	0.31	ug/L #	77
49) 2-Hexanone	10.927	43	4551	2.43	ug/L #	59
59) 1,2,3-Trichloropropane	13.554	75	14101	4.25	ug/L	100

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

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Response via : Initial Calibration

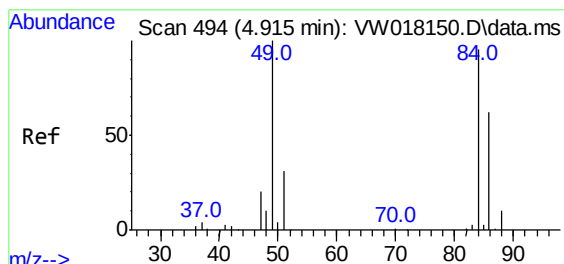
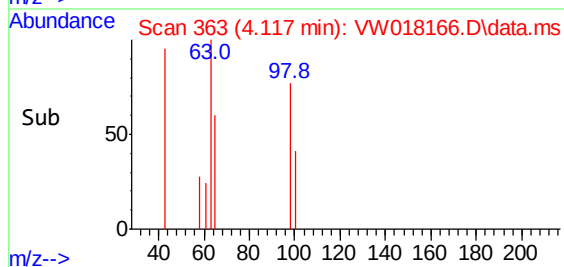
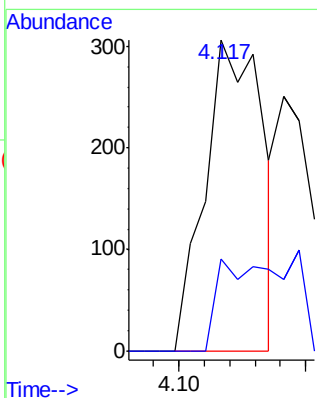
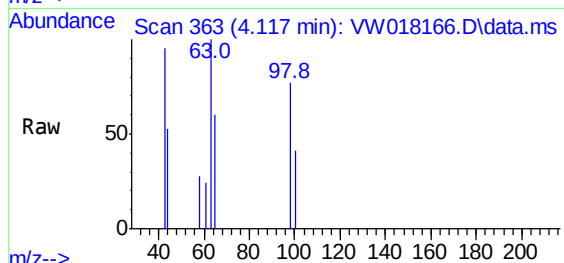




#13
Acetone
Concen: 0.51 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
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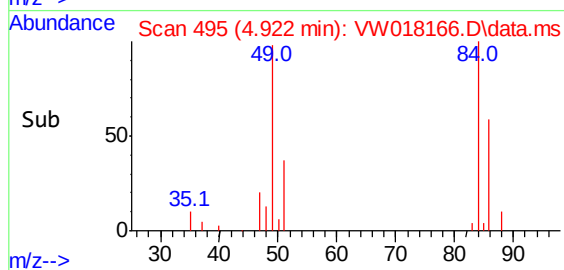
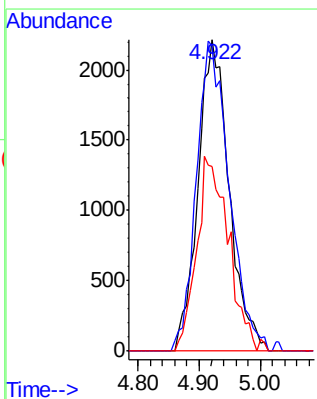
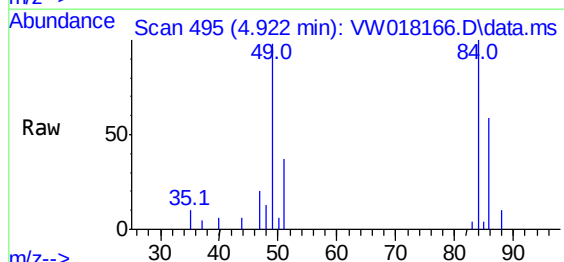
Instrument :
MSVOA_W
ClientSampled :
DBGX4

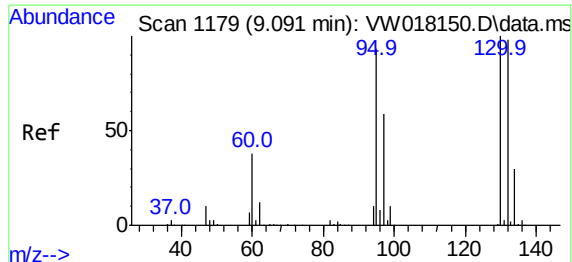
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 12.4 0.0 68.4



#16
Methylene chloride
Concen: 1.27 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018166.D
Acq: 16 Feb 2021 16:39

Tgt Ion: 84 Resp: 7845
Ion Ratio Lower Upper
84 100
49 97.8 81.2 150.8
86 59.4 44.5 82.7

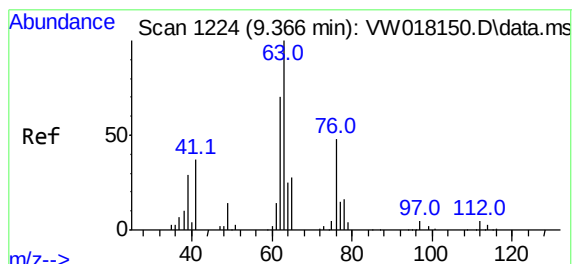
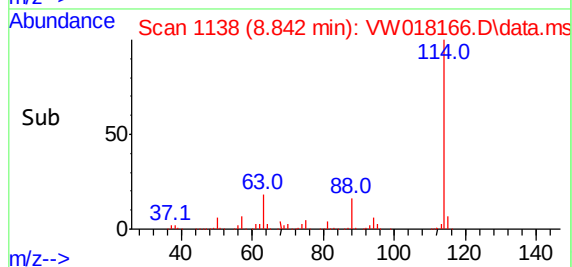
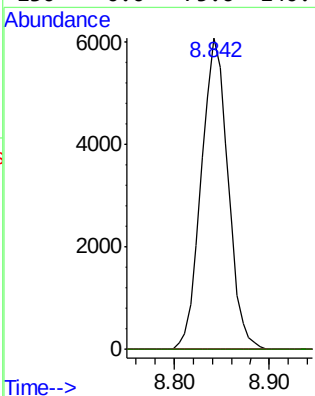
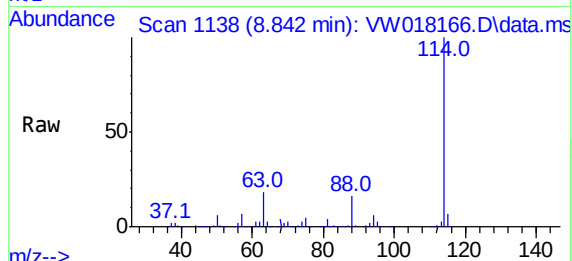




#35
Trichloroethene
Concen: 2.19 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018166.D
Acq: 16 Feb 2021 16:39

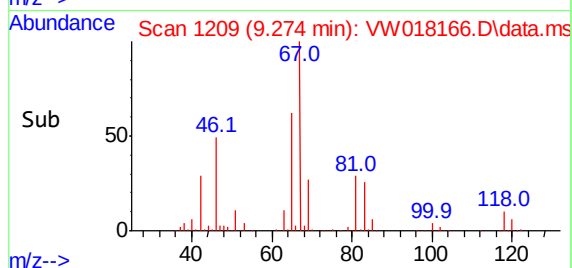
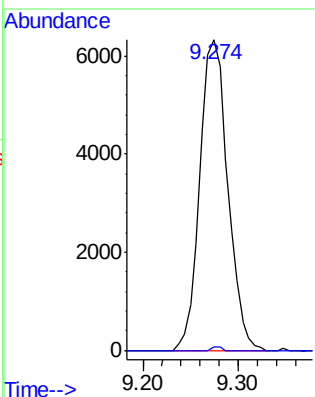
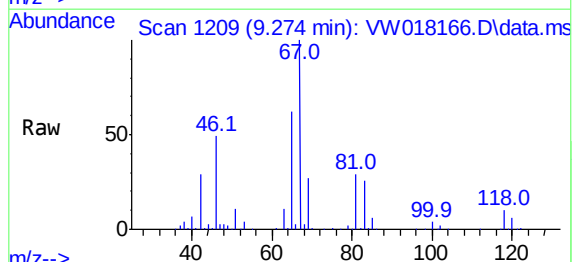
Instrument :
MSVOA_W
ClientSampleId :
DBGX4

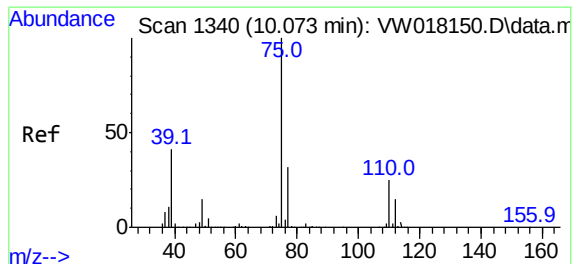
Tgt Ion:	95	Resp:	11672
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#40
1,2-Dichloropropane
Concen: 2.95 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018166.D
Acq: 16 Feb 2021 16:39

Tgt Ion:	63	Resp:	12813
Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.2	6.4#

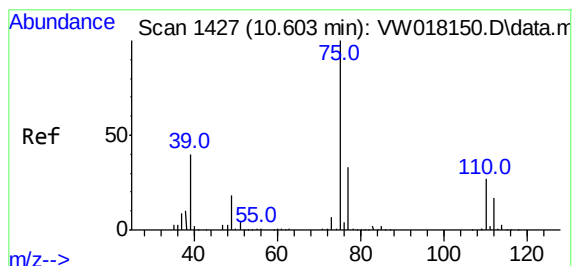
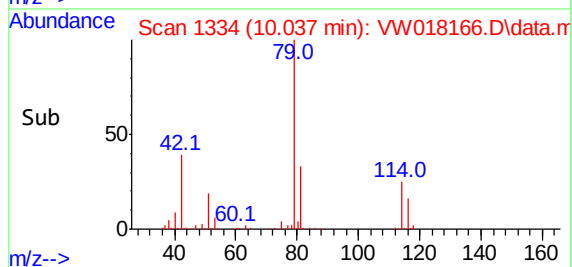
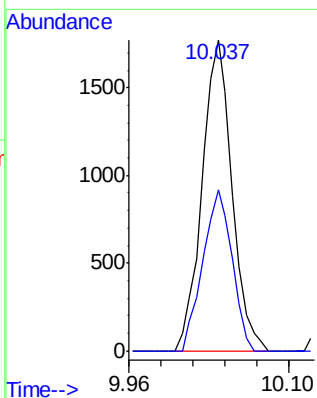
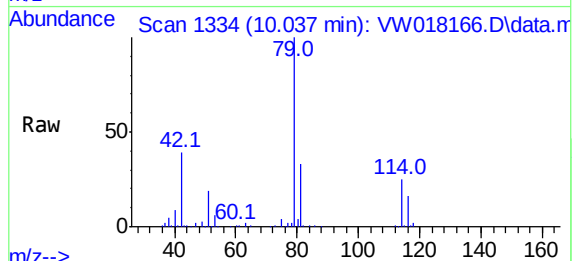




#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018166.D
Acq: 16 Feb 2021 16:39

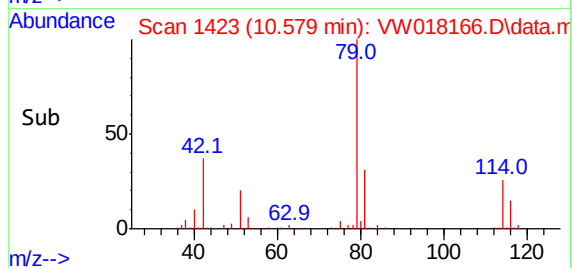
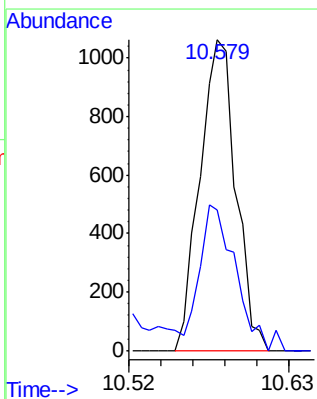
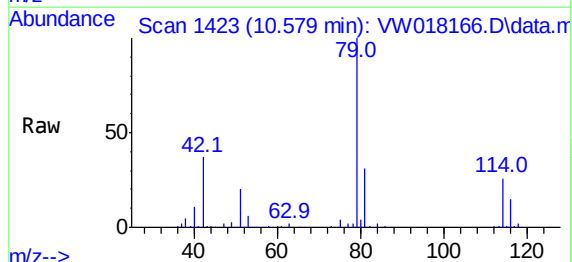
Instrument :
MSVOA_W
ClientSampled :
DBGX4

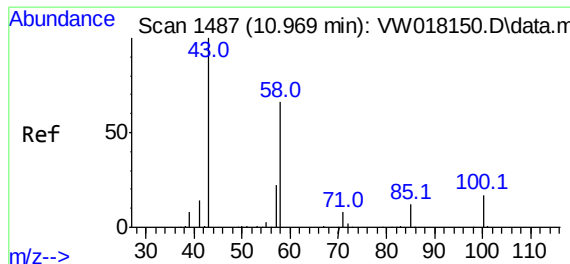
Tgt Ion: 75 Resp: 3147
Ion Ratio Lower Upper
75 100
77 52.0 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018166.D
Acq: 16 Feb 2021 16:39

Tgt Ion: 75 Resp: 1917
Ion Ratio Lower Upper
75 100
77 45.1 22.6 42.0#



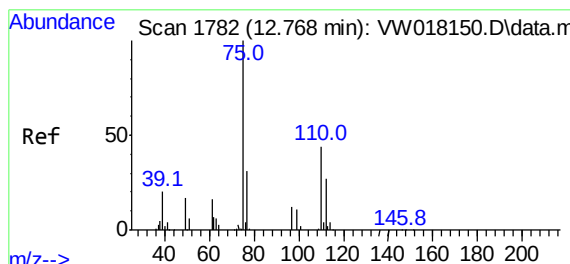
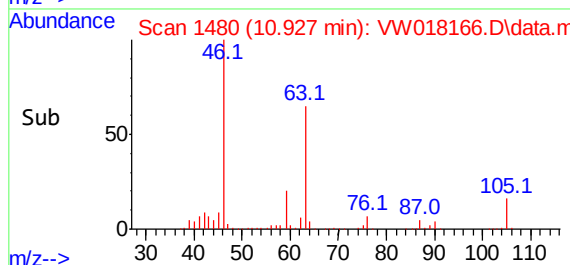
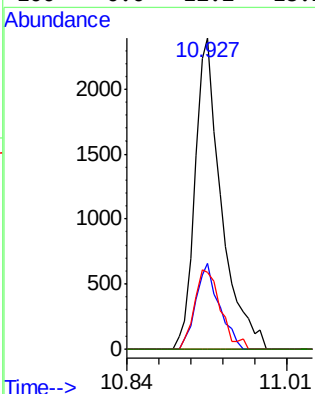
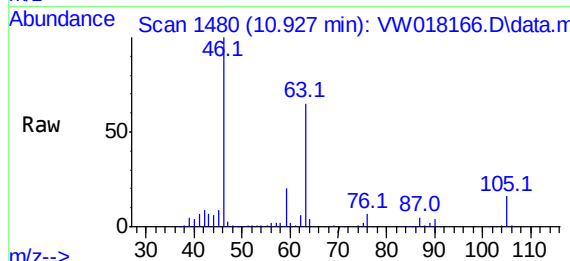


#49
2-Hexanone
Concen: 2.43 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018166.D
Acq: 16 Feb 2021 16:39

Instrument :
MSVOA_W
ClientSampleID :
DBGX4

Tgt Ion: 43 Resp: 4551

Ion	Ratio	Lower	Upper
43	100		
58	24.2	51.3	76.9#
57	24.4	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 4.25 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018166.D
Acq: 16 Feb 2021 16:39

Tgt Ion: 75 Resp: 14101

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.6	39.8

