

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018095.D
 Acq On : 11 Feb 2021 19:13
 Operator : SY/VA
 Sample : M1370-11
 Misc : 6.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY7

Quant Time: Feb 12 02:44:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

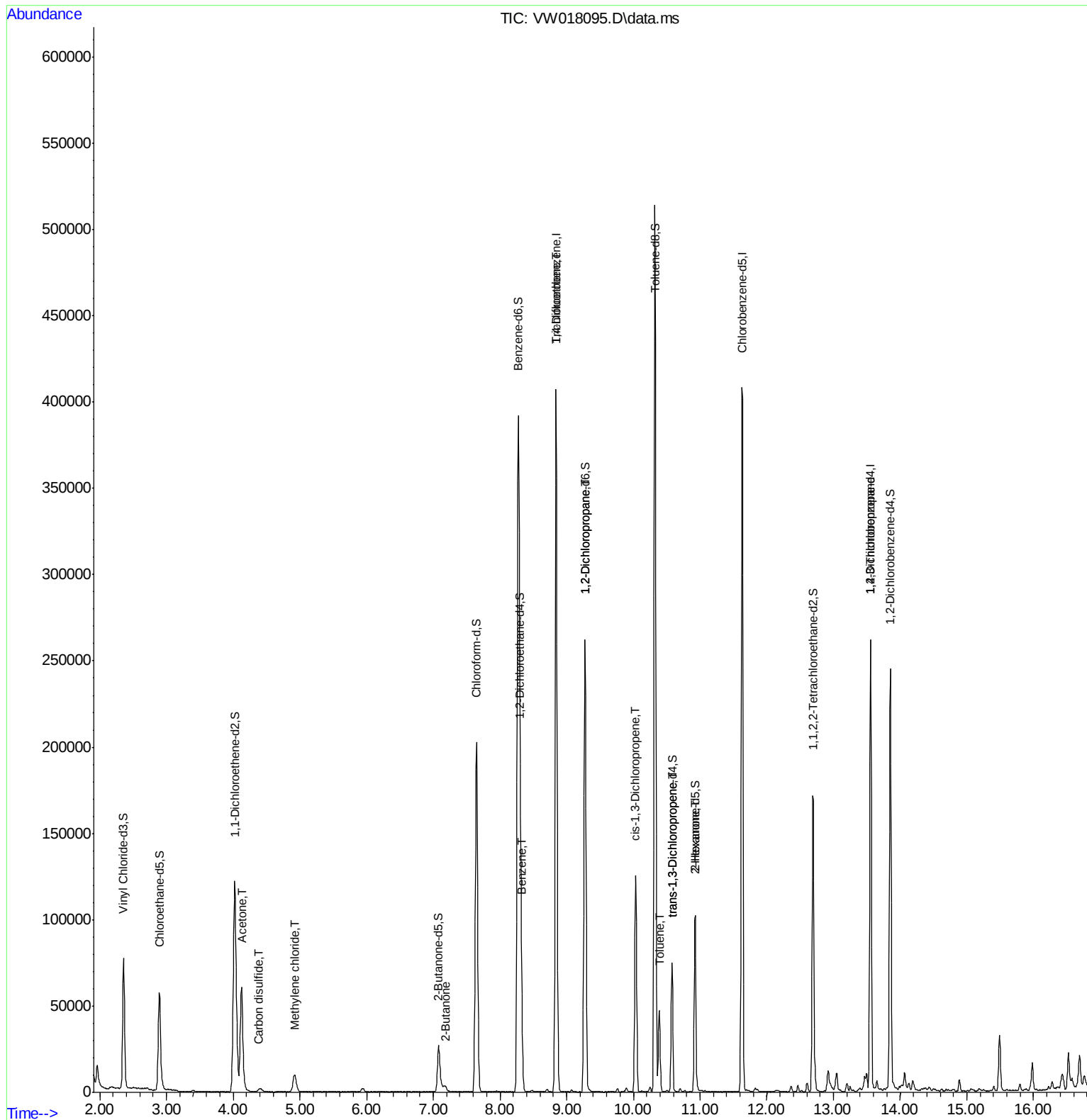
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	355084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	249406	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	73911	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	90576	20.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.08%		
7) Chloroethane-d5	2.891	69	79234	22.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.48%		
10) 1,1-Dichloroethene-d2	4.019	63	135017	15.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.20%		
20) 2-Butanone-d5	7.080	46	44997	38.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.42%		
24) Chloroform-d	7.647	84	217279	23.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.28%		
26) 1,2-Dichloroethane-d4	8.305	65	114072	22.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.92%		
29) Benzene-d6	8.275	84	422234	30.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	123.32%		
33) 1,2-Dichloropropane-d6	9.274	67	122733	32.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	128.16%#		
37) Toluene-d8	10.323	98	343445	26.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.44%		
38) trans-1,3-Dichloroprop...	10.579	79	42948	24.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.96%		
39) 2-Hexanone-d5	10.927	63	37000	50.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.06%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	82715	24.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.32%		
61) 1,2-Dichlorobenzene-d4	13.853	152	67060	25.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.72%		
Target Compounds						
13) Acetone	4.129	43	109420	125.59	ug/L	97
14) Carbon disulfide	4.379	76	3366	0.24	ug/L #	94
16) Methylene chloride	4.922	84	9640	1.69	ug/L	96
21) 2-Butanone	7.177	43	6038	4.55	ug/L	97
34) Benzene	8.323	78	22347	1.53	ug/L	100
35) Trichloroethene	8.842	95	10712	2.61	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	13797	4.12	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	3093	0.57	ug/L	84
44) Toluene	10.390	91	35675	2.22	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	1851	0.39	ug/L	85
49) 2-Hexanone	10.920	43	4995	3.46	ug/L #	58
59) 1,2,3-Trichloropropane	13.554	75	7246	2.83	ug/L	99

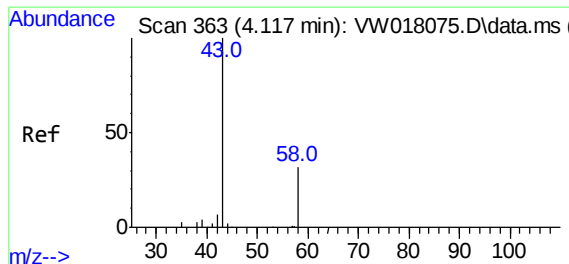
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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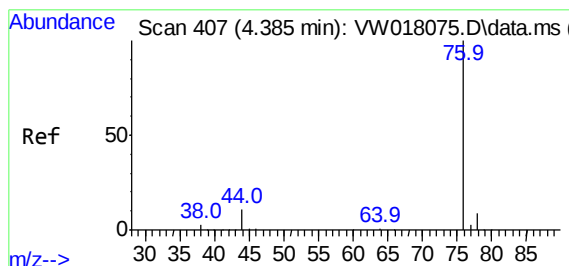
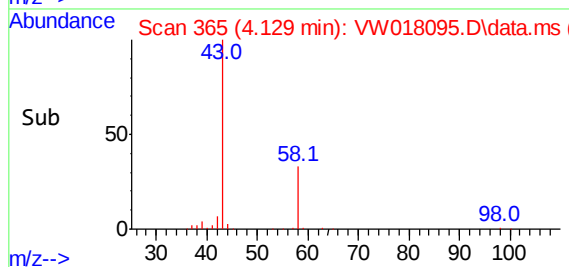
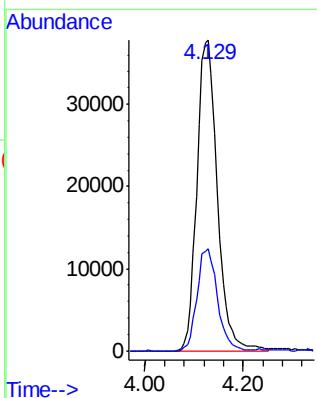
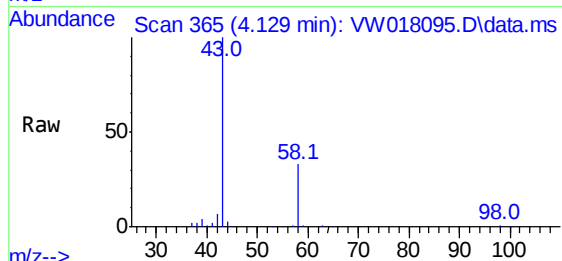




#13
Acetone
Concen: 125.59 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

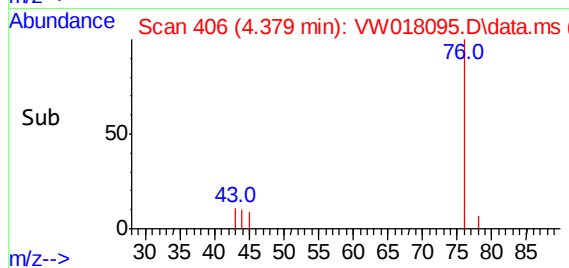
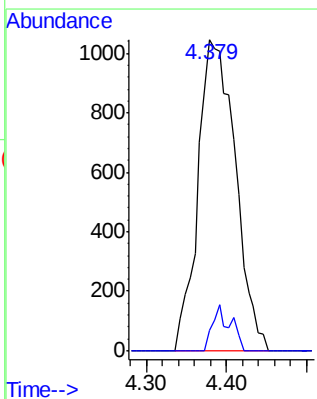
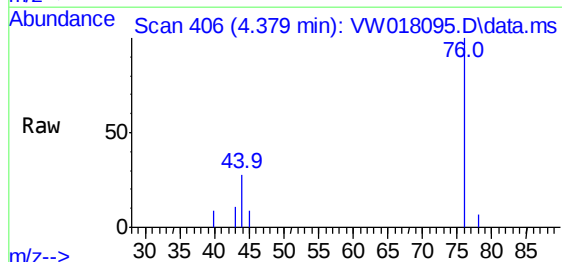
Instrument :
MSVOA_W
ClientSampled :
DBGY7

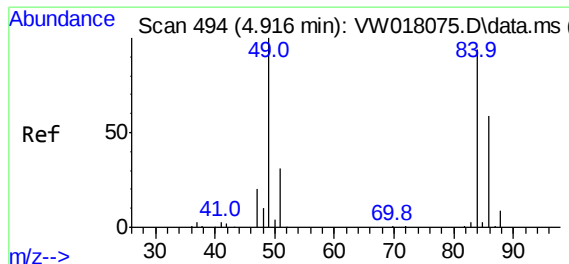
Tgt Ion: 43 Resp: 109420
Ion Ratio Lower Upper
43 100
58 32.6 0.0 68.4



#14
Carbon disulfide
Concen: 0.24 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

Tgt Ion: 76 Resp: 3366
Ion Ratio Lower Upper
76 100
78 6.7 7.0 10.4#

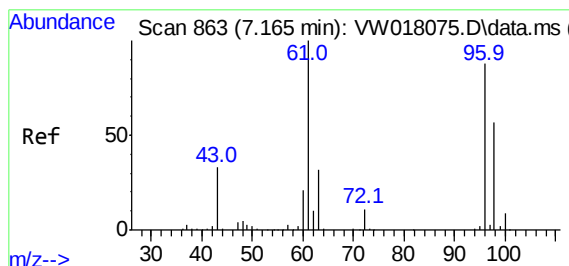
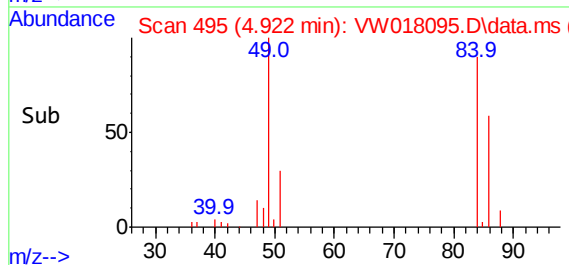
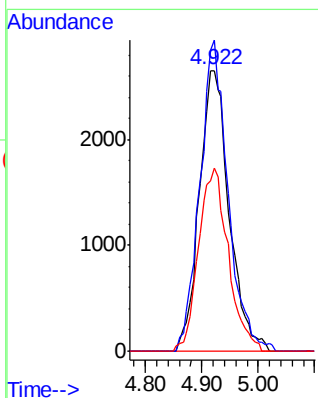
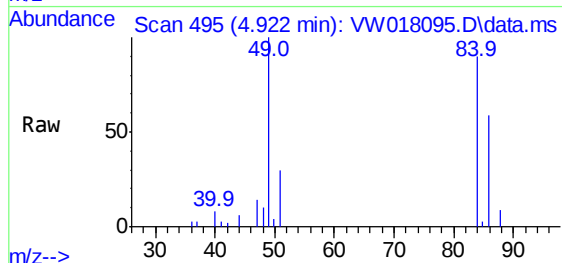




#16
Methylene chloride
Concen: 1.69 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

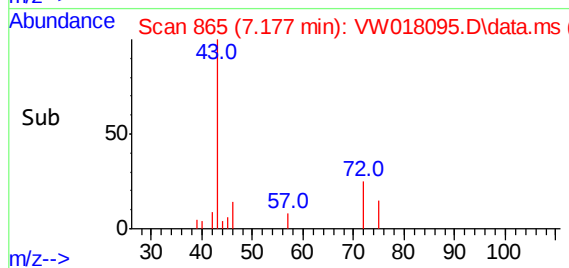
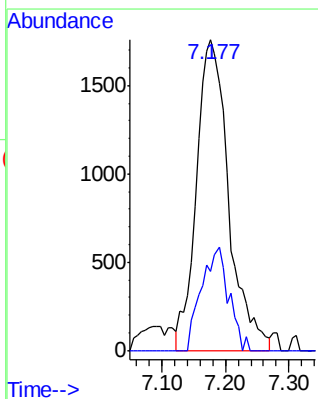
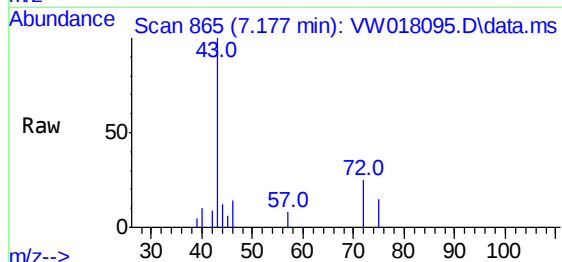
Instrument :
MSVOA_W
ClientSampleId :
DBGY7

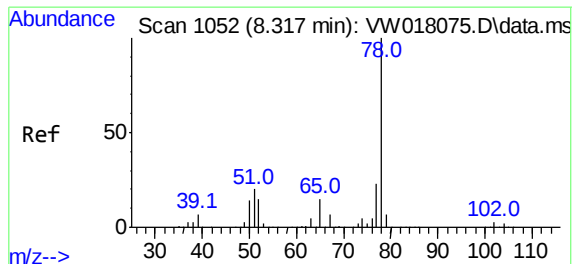
Tgt Ion: 84 Resp: 9640
Ion Ratio Lower Upper
84 100
49 110.7 81.2 150.8
86 65.3 44.5 82.7



#21
2-Butanone
Concen: 4.55 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

Tgt Ion: 43 Resp: 6038
Ion Ratio Lower Upper
43 100
72 27.4 14.4 43.2

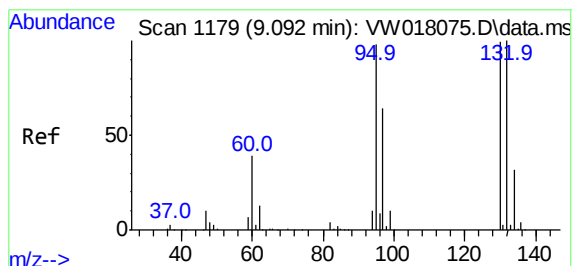
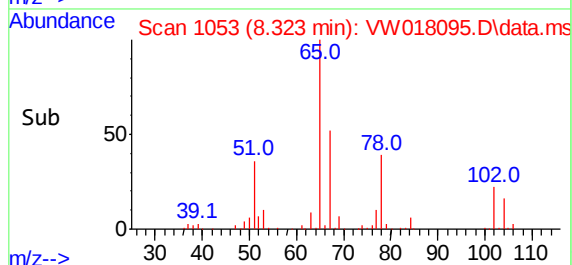
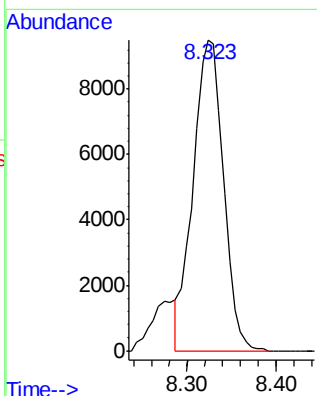
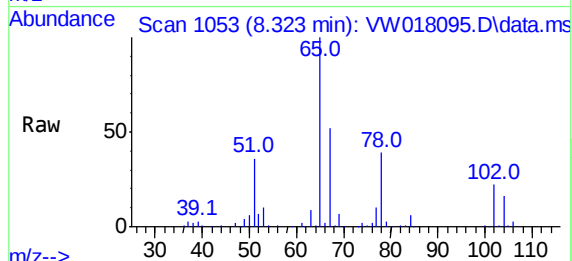




#34
Benzene
Concen: 1.53 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

Instrument :
MSVOA_W
ClientSampled :
DBGY7

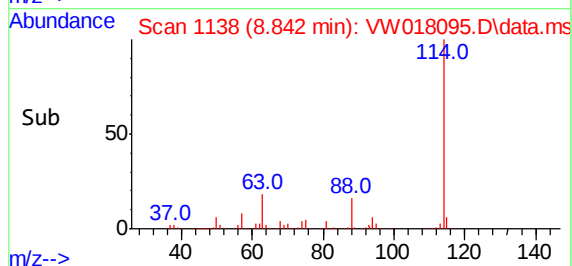
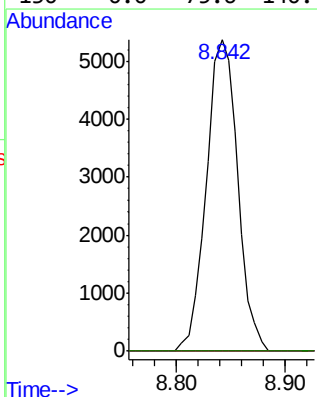
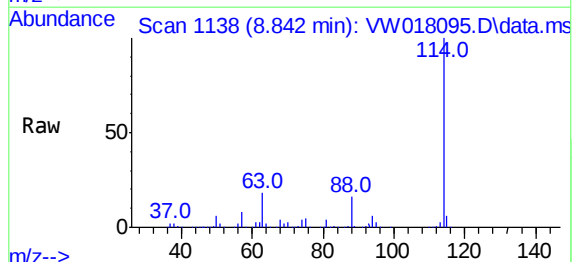
Tgt Ion: 78 Resp: 22347

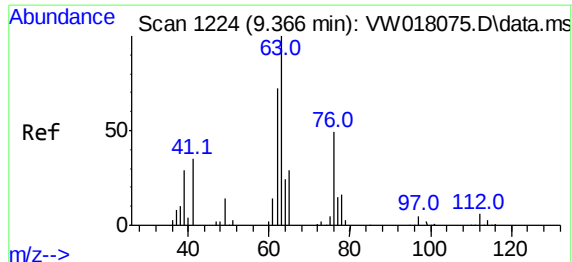


#35
Trichloroethene
Concen: 2.61 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

Tgt Ion: 95 Resp: 10712

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#

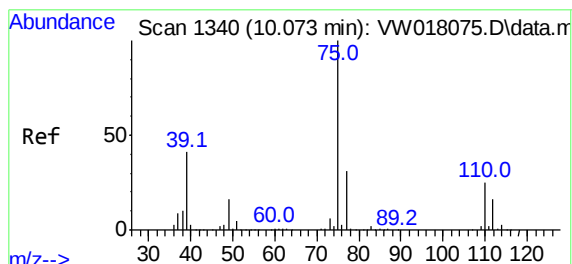
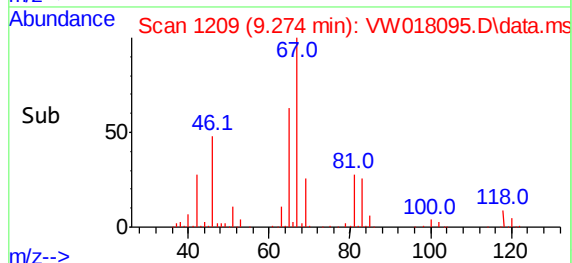
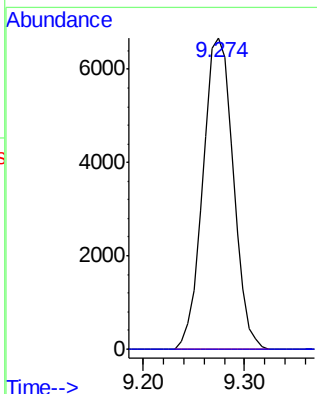
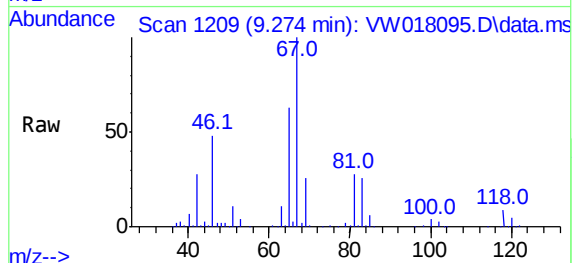




#40
1,2-Dichloropropane
Concen: 4.12 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

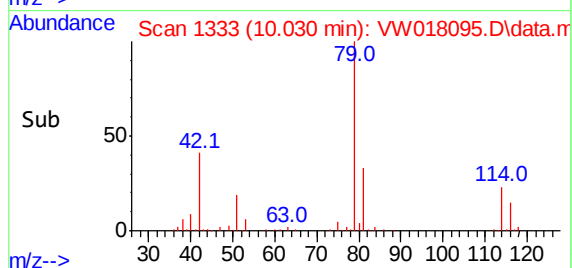
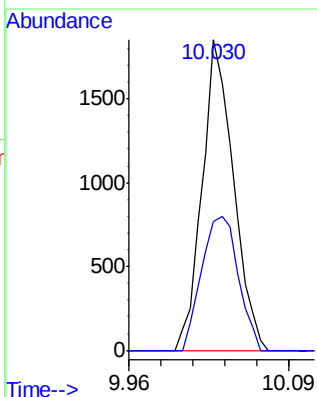
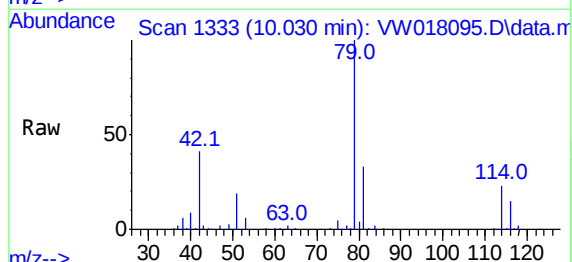
Instrument :
MSVOA_W
ClientSampled :
DBGY7

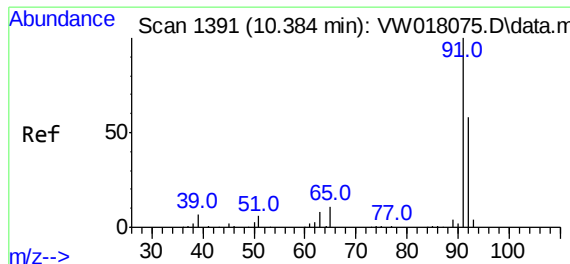
Tgt Ion: 63 Resp: 13797
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.57 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

Tgt Ion: 75 Resp: 3093
Ion Ratio Lower Upper
75 100
77 41.6 22.7 42.3





#44

Toluene

Concen: 2.22 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018095.D

Acq: 11 Feb 2021 19:13

Tgt Ion: 91 Resp: 35675

Ion Ratio Lower Upper

91 100

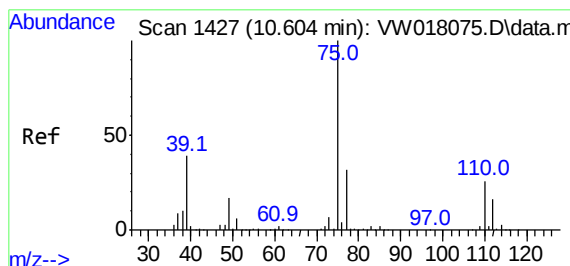
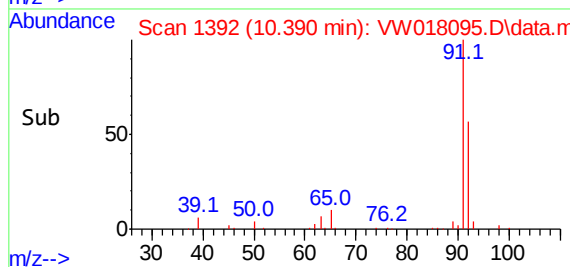
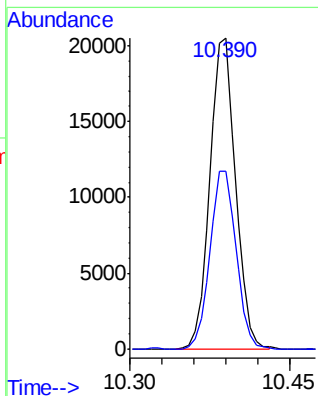
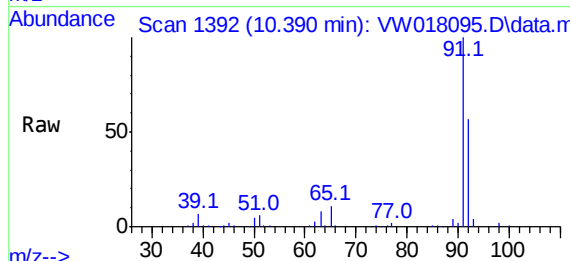
92 57.2 41.6 77.3

Instrument :

MSVOA_W

ClientSampled :

DBGY7



#45

trans-1,3-Dichloropropene

Concen: 0.39 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.025 min

Lab File: VW018095.D

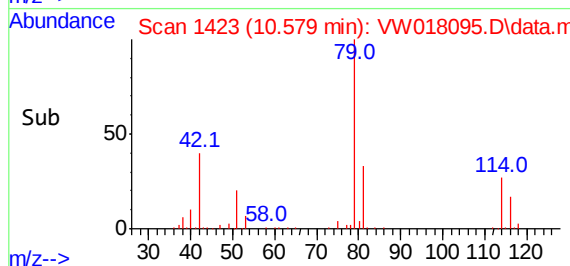
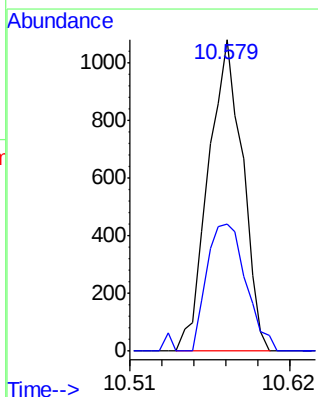
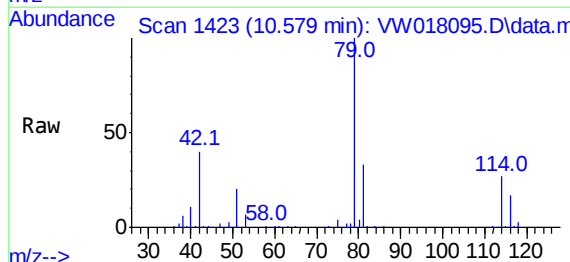
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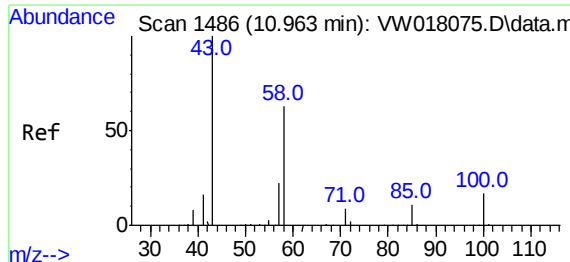
Tgt Ion: 75 Resp: 1851

Ion Ratio Lower Upper

75 100

77 40.6 22.6 42.0



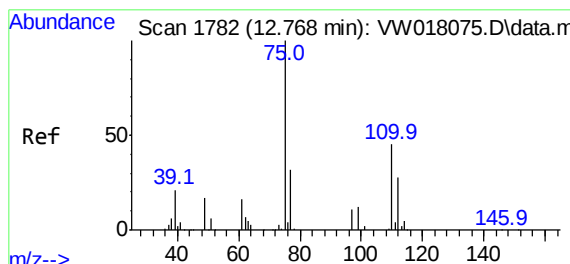
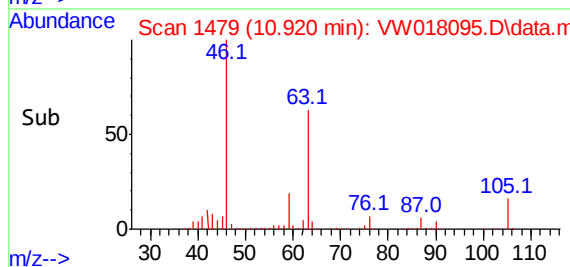
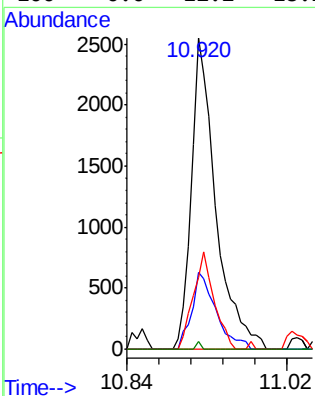
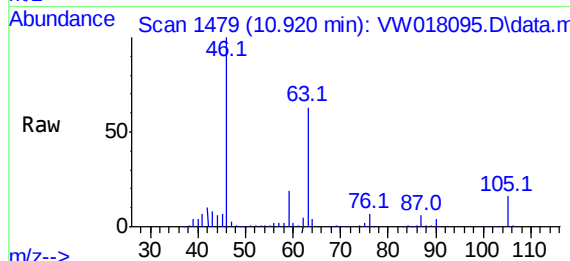


#49
2-Hexanone
Concen: 3.46 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.043 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

Instrument :
MSVOA_W
ClientSampleID :
DBGY7

Tgt Ion: 43 Resp: 4995

Ion	Ratio	Lower	Upper
43	100		
58	24.3	51.3	76.9#
57	26.3	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 2.83 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018095.D
Acq: 11 Feb 2021 19:13

Tgt Ion: 75 Resp: 7246

Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.6	39.8

