

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018128.D
 Acq On : 15 Feb 2021 12:16
 Operator : SY/VA
 Sample : M1370-21MS
 Misc : 6.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8MS

Quant Time: Feb 16 02:22:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

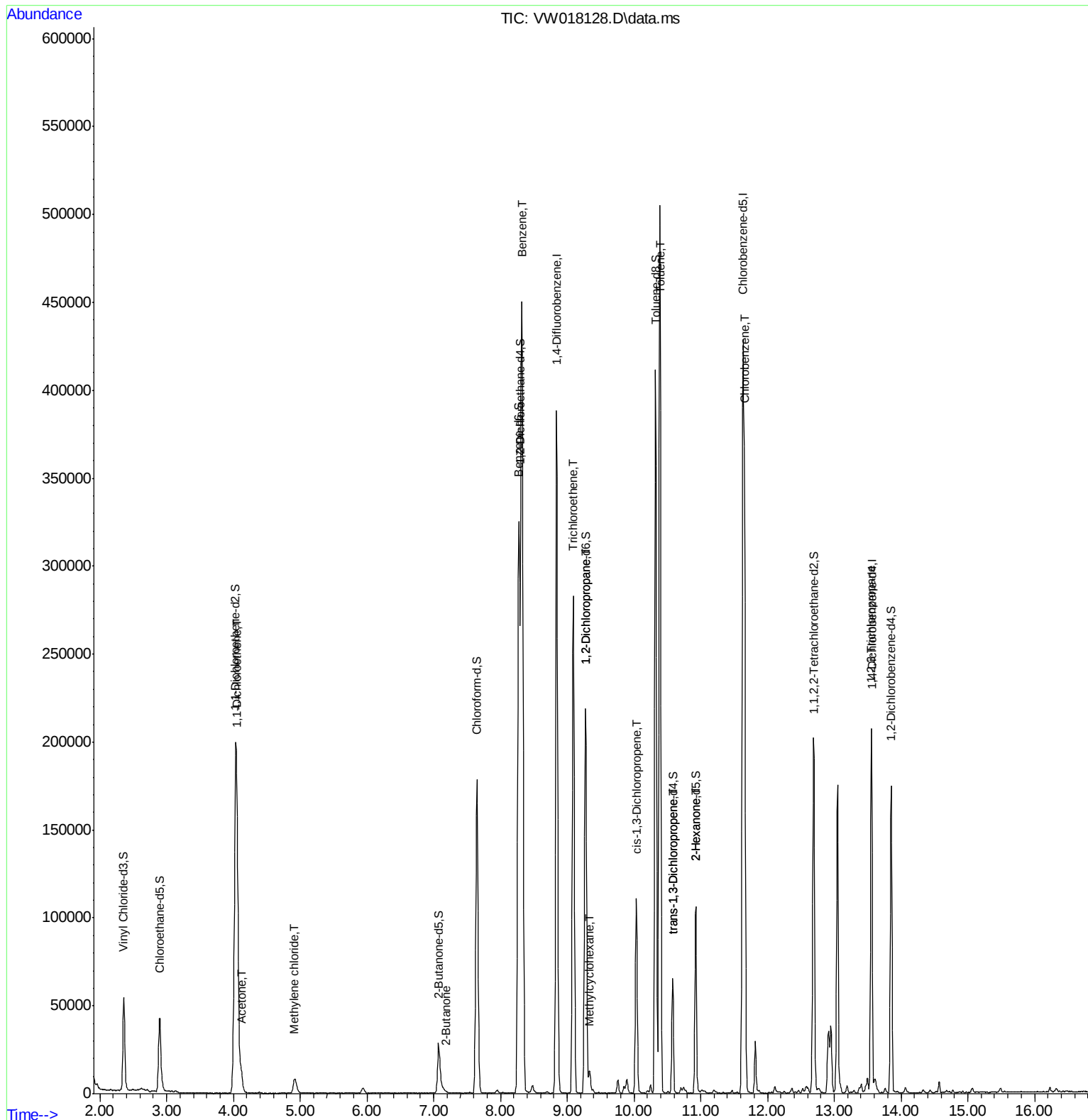
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	348063	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	232799	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	58083	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	63170	14.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.40%		
7) Chloroethane-d5	2.891	69	59249	17.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.04%		
10) 1,1-Dichloroethene-d2	4.031	63	151680	17.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.16%		
20) 2-Butanone-d5	7.073	46	46295	40.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.20%		
24) Chloroform-d	7.647	84	187107	20.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.92%		
26) 1,2-Dichloroethane-d4	8.305	65	99651	20.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.92%		
29) Benzene-d6	8.274	84	346597	27.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.44%		
33) 1,2-Dichloropropane-d6	9.274	67	105483	29.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	118.04%		
37) Toluene-d8	10.323	98	275058	22.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.48%		
38) trans-1,3-Dichloroprop...	10.579	79	37299	23.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.08%		
39) 2-Hexanone-d5	10.926	63	37633	55.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.12%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	79655	25.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.44%		
61) 1,2-Dichlorobenzene-d4	13.853	152	48839	23.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.28%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.050	96	95713	20.58	ug/L	89
13) Acetone	4.117	43	14422	16.89	ug/L	98
16) Methylene chloride	4.915	84	7912	1.42	ug/L	91
21) 2-Butanone	7.183	43	983	0.76	ug/L	91
34) Benzene	8.323	78	418226	30.74	ug/L	100
35) Trichloroethene	9.091	95	96246	25.10	ug/L	98
36) Methylcyclohexane	9.335	83	4694	0.73	ug/L	99
40) 1,2-Dichloropropane	9.274	63	11774	3.77	ug/L #	85
42) cis-1,3-Dichloropropene	10.036	75	2752	0.55	ug/L #	65
44) Toluene	10.390	91	390762	26.09	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	1469	0.34	ug/L #	64
49) 2-Hexanone	10.926	43	4463	3.31	ug/L #	60
52) Chlorobenzene	11.658	112	199695	20.24	ug/L	99
59) 1,2,3-Trichloropropane	13.554	75	6118	2.56	ug/L	95

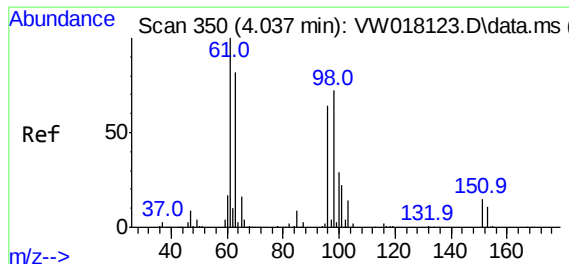
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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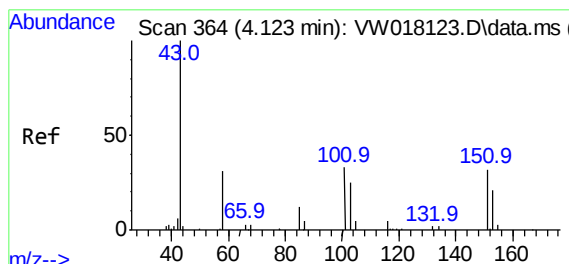
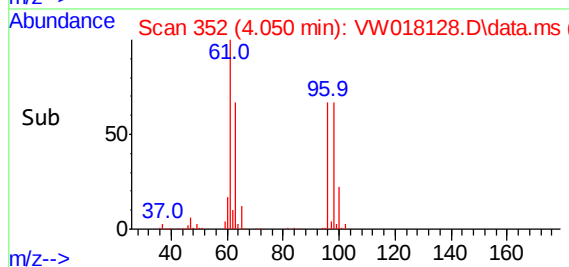
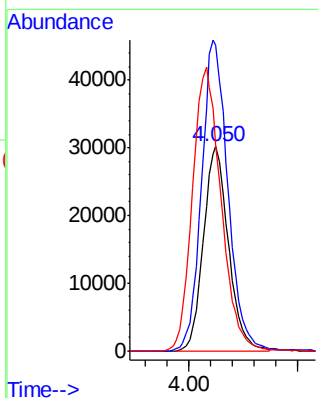
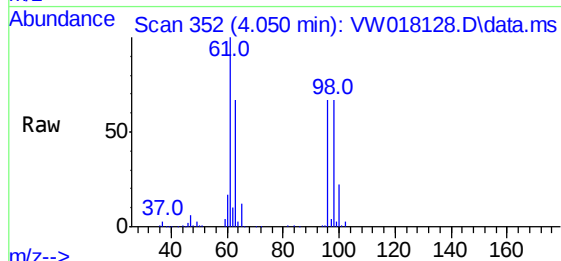




#12
1,1-Dichloroethene
Concen: 20.58 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.012 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

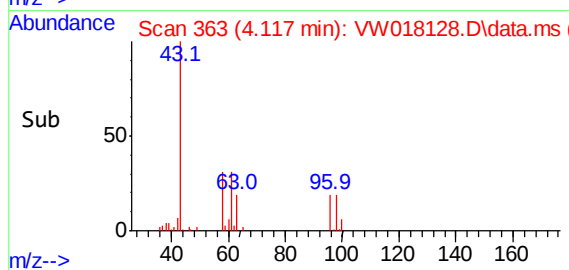
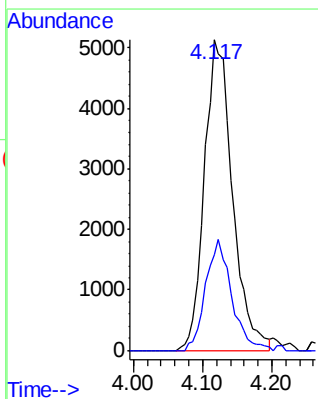
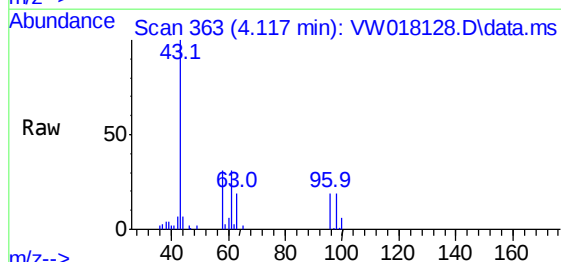
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MS

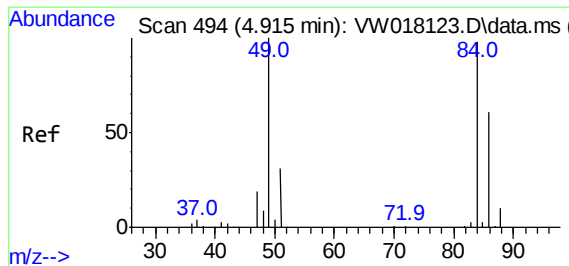
Tgt Ion: 96 Resp: 95713
Ion Ratio Lower Upper
96 100
61 150.2 112.5 208.9
63 101.1 83.1 154.3



#13
Acetone
Concen: 16.89 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Tgt Ion: 43 Resp: 14422
Ion Ratio Lower Upper
43 100
58 33.1 0.0 68.4



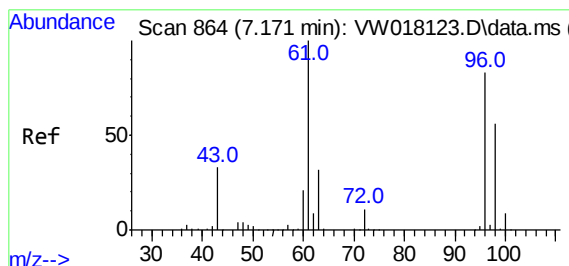
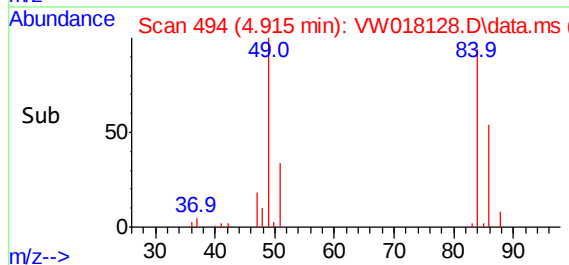
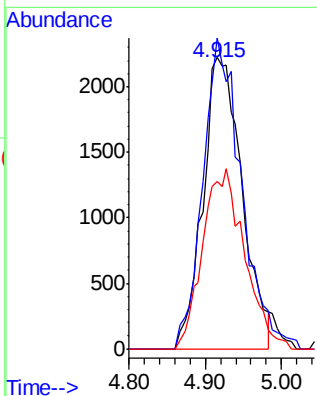
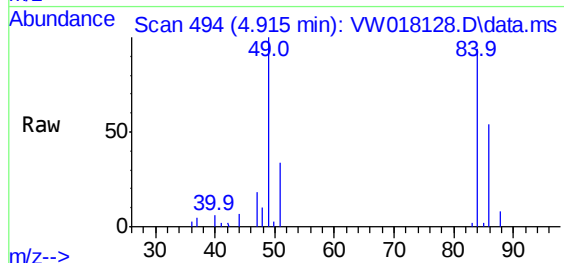


#16
Methylene chloride
Concen: 1.42 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MS

Tgt Ion: 84 Resp: 7912

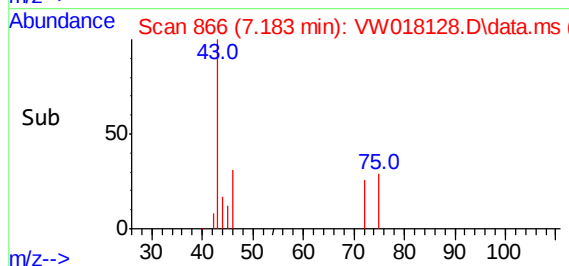
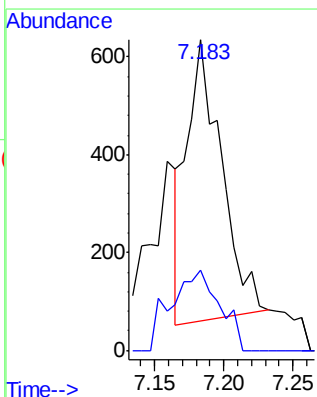
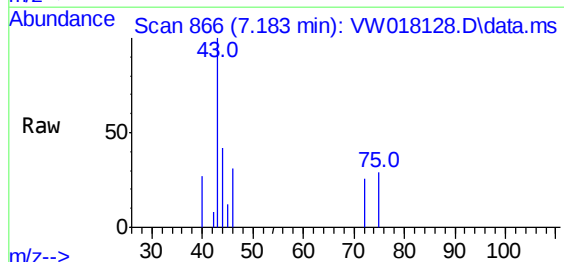
Ion	Ratio	Lower	Upper
84	100		
49	106.5	81.2	150.8
86	57.2	44.5	82.7

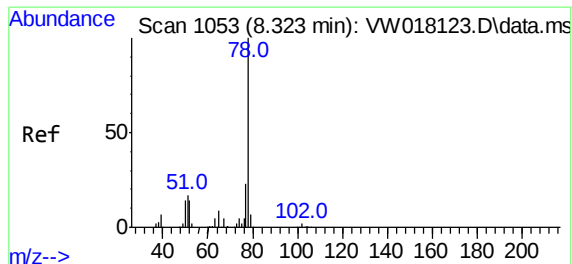


#21
2-Butanone
Concen: 0.76 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Tgt Ion: 43 Resp: 983

Ion	Ratio	Lower	Upper
43	100		
72	33.7	14.4	43.2

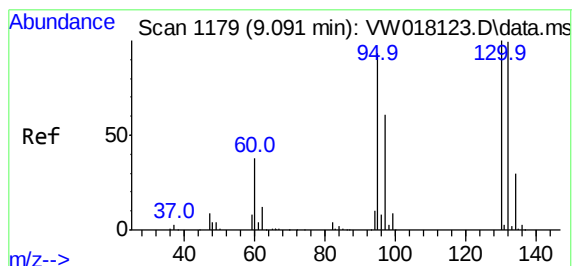
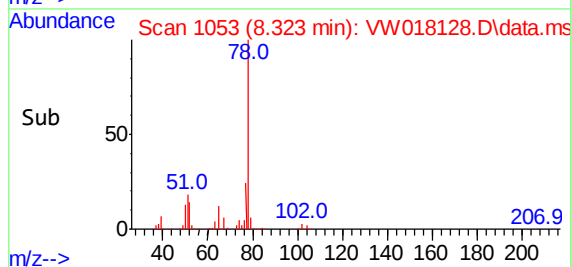
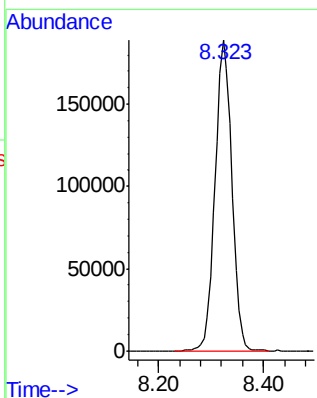
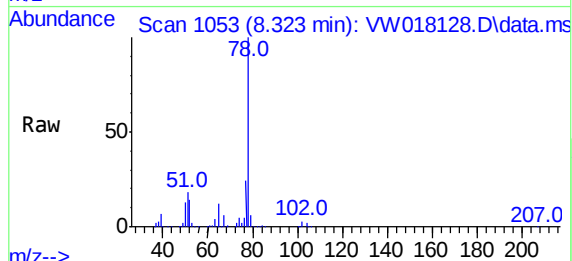




#34
Benzene
Concen: 30.74 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

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MSVOA_W
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DBGZ8MS

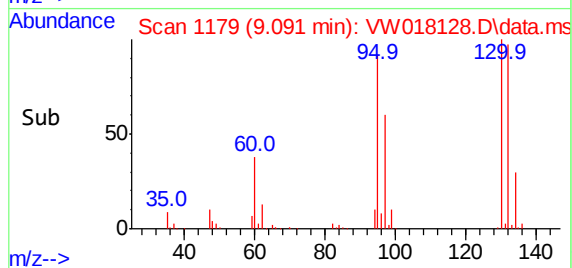
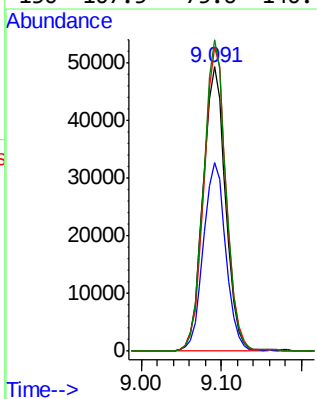
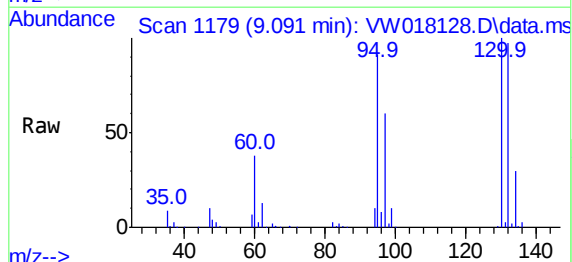
Tgt Ion: 78 Resp: 418226

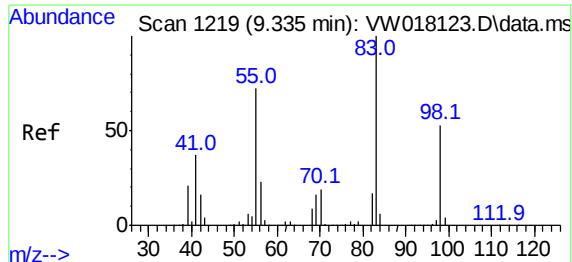


#35
Trichloroethene
Concen: 25.10 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Tgt Ion: 95 Resp: 96246

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.0	83.6
132	105.3	71.0	131.8
130	107.5	75.6	140.4

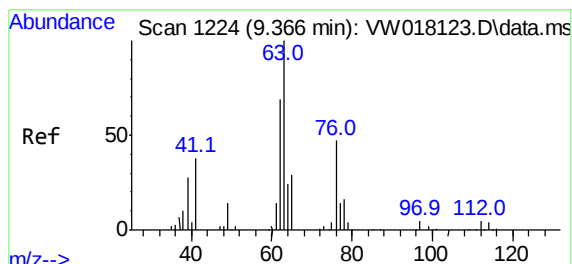
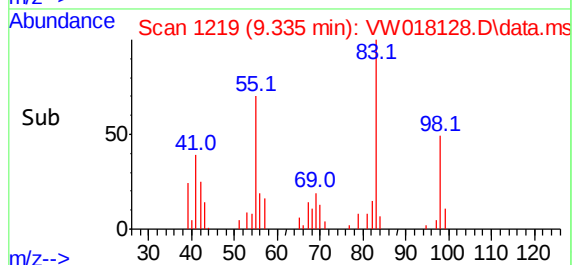
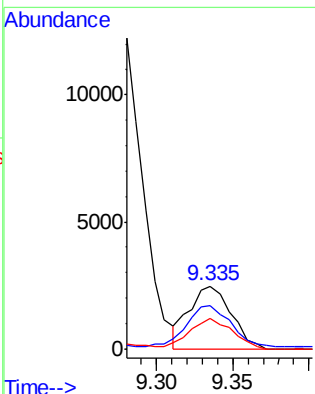
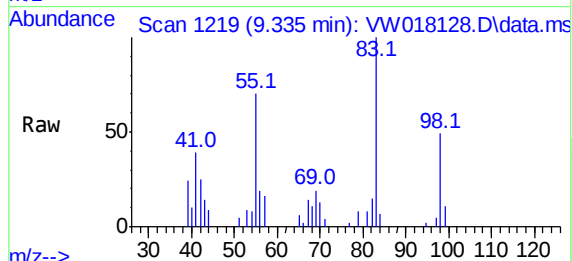




#36
Methylcyclohexane
Concen: 0.73 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

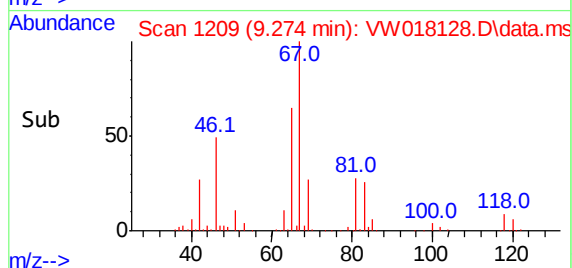
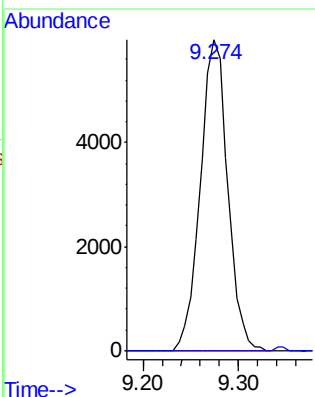
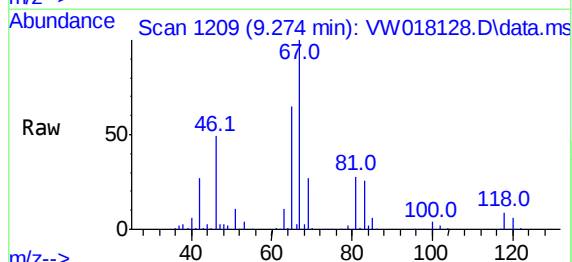
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MS

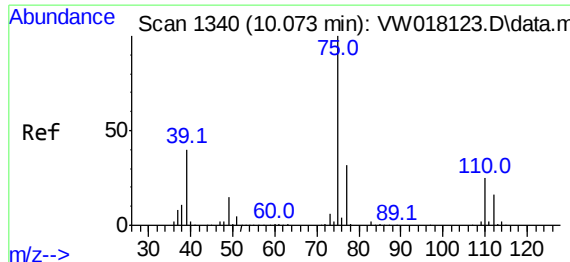
Tgt Ion: 83 Resp: 4694
Ion Ratio Lower Upper
83 100
55 72.5 59.4 89.0
98 50.6 40.7 61.1



#40
1,2-Dichloropropane
Concen: 3.77 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Tgt Ion: 63 Resp: 11774
Ion Ratio Lower Upper
63 100
112 0.4 4.2 6.4#

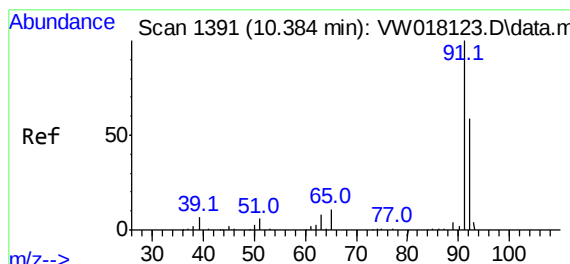
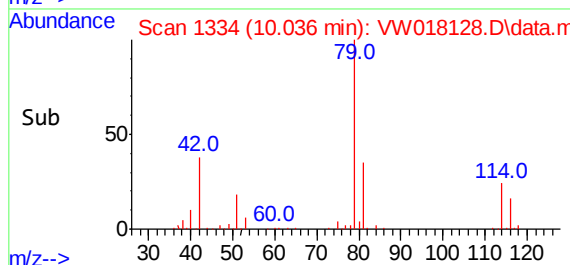
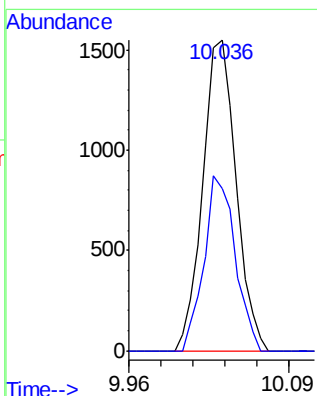
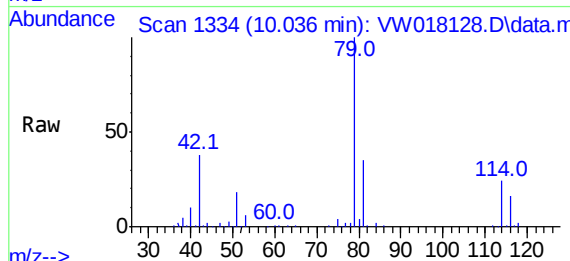




#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

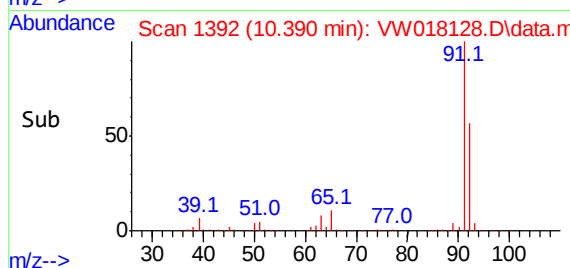
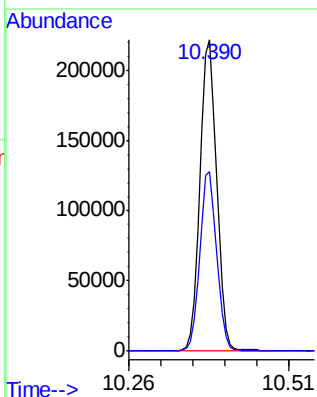
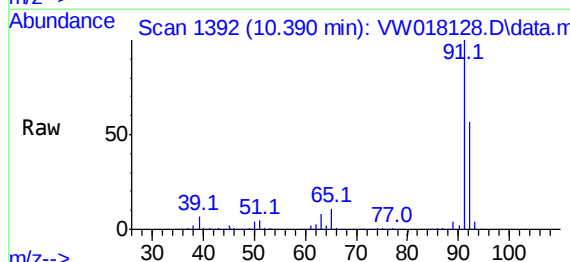
Instrument :
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ClientSampleID :
DBGZ8MS

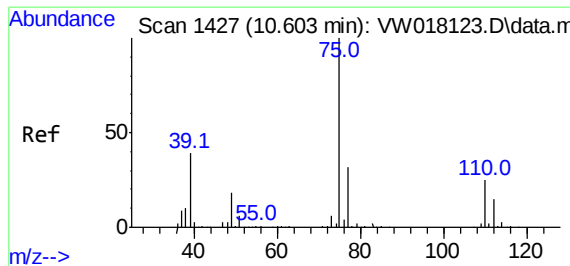
Tgt Ion: 75 Resp: 2752
Ion Ratio Lower Upper
75 100
77 52.2 22.7 42.3#



#44
Toluene
Concen: 26.09 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Tgt Ion: 91 Resp: 390762
Ion Ratio Lower Upper
91 100
92 57.5 41.6 77.3

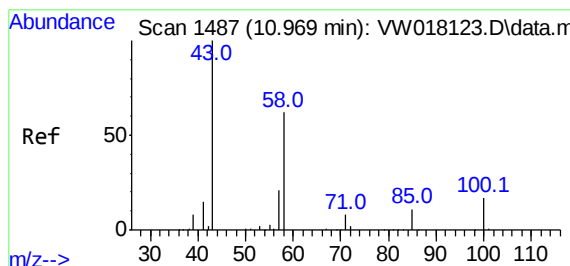
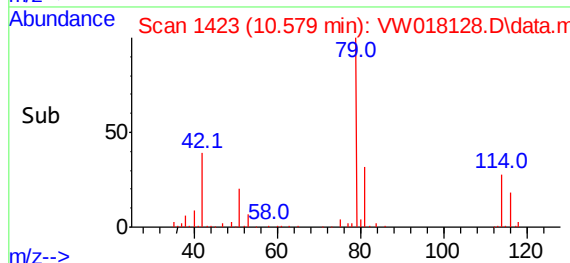
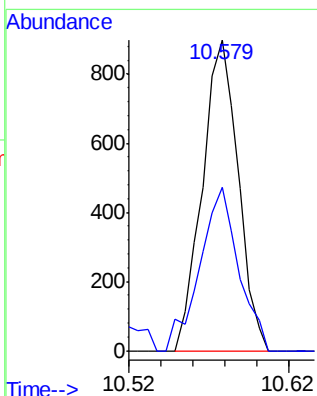
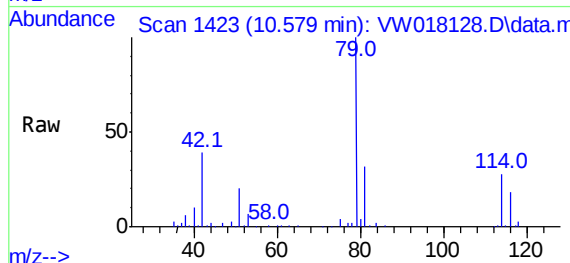




#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

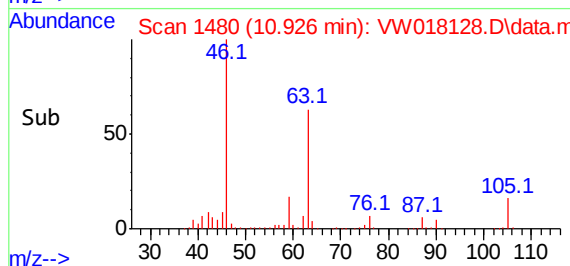
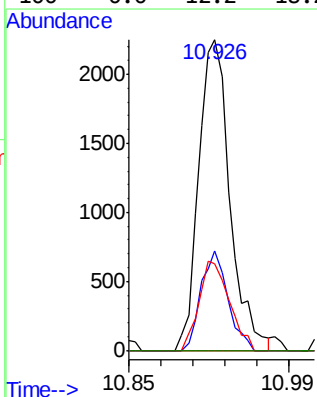
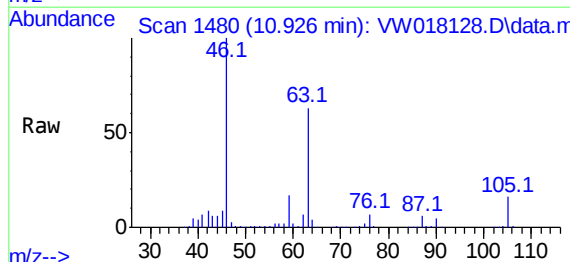
Instrument :
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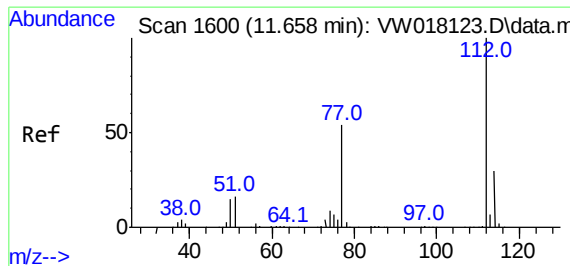
Tgt Ion: 75 Resp: 1469
Ion Ratio Lower Upper
75 100
77 52.4 22.6 42.0#



#49
2-Hexanone
Concen: 3.31 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Tgt Ion: 43 Resp: 4463
Ion Ratio Lower Upper
43 100
58 27.6 51.3 76.9#
57 27.9 15.0 22.6#
100 0.0 12.2 18.2#



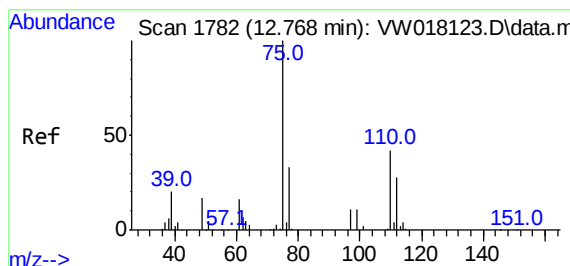
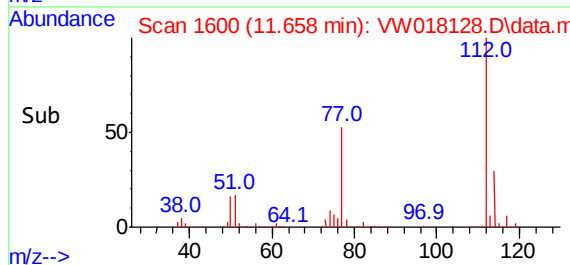
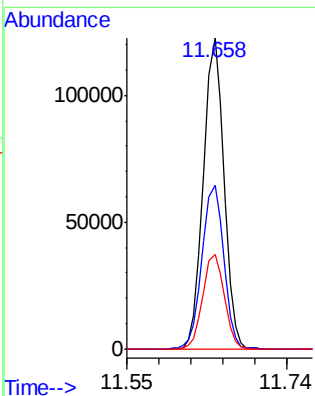
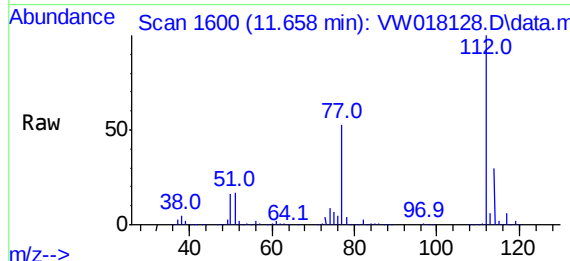


#52
Chlorobenzene
Concen: 20.24 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Instrument :
MSVOA_W
ClientSampleID :
DBGZ8MS

Tgt Ion: 112 Resp: 199695

Ion	Ratio	Lower	Upper
112	100		
77	52.8	42.6	64.0
114	30.3	21.6	40.2



#59
1,2,3-Trichloropropane
Concen: 2.56 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018128.D
Acq: 15 Feb 2021 12:16

Tgt Ion: 75 Resp: 6118

Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.6	39.8

