

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018533.D
 Acq On : 01 Apr 2021 13:55
 Operator : SY/VA
 Sample : M1881-05MS
 Misc : 6.15G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG0MS

Quant Time: Apr 02 03:31:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

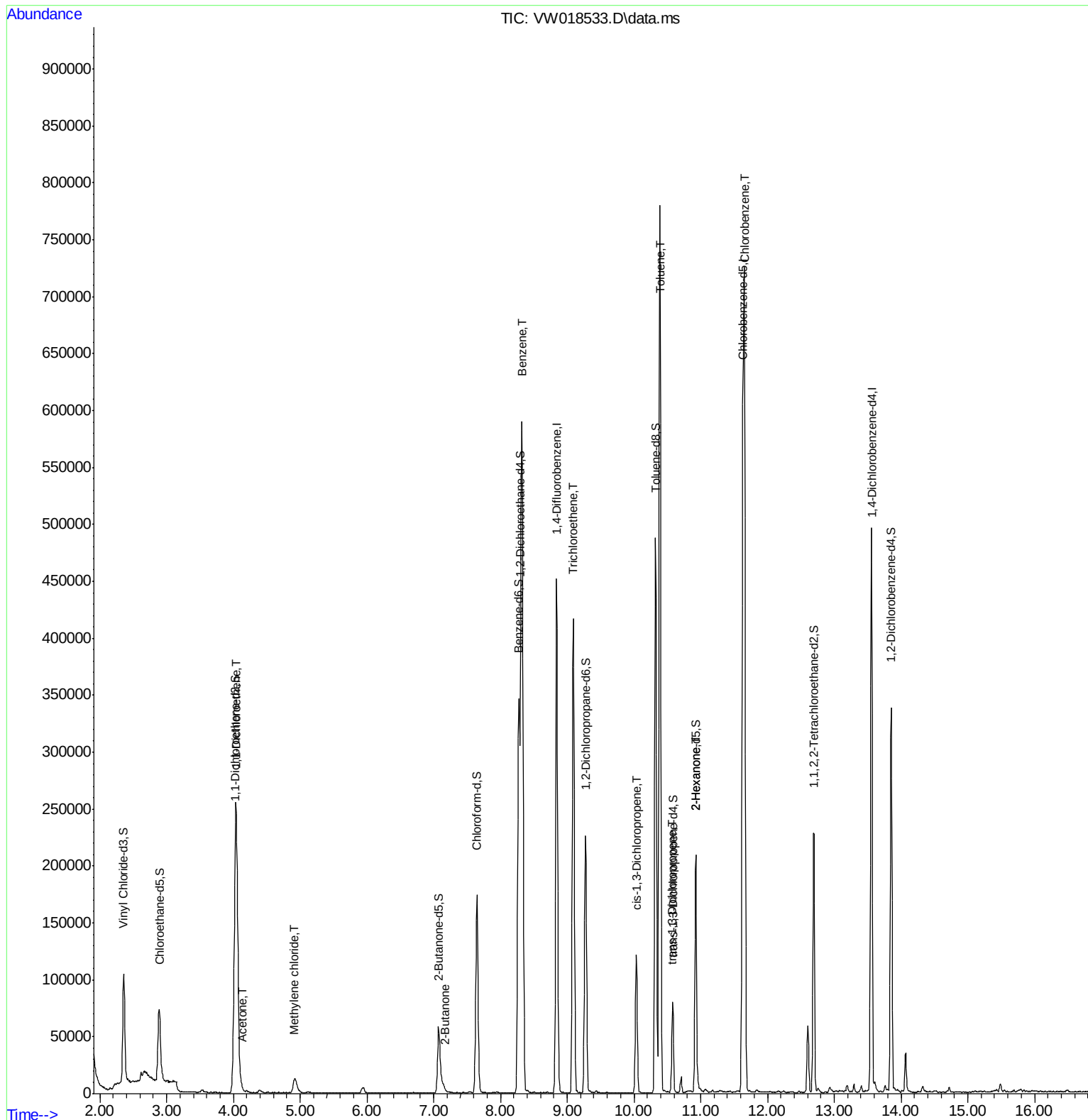
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	365140	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	313657	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	123420	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122146	24.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.16%		
7) Chloroethane-d5	2.891	69	92684	20.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.36%		
10) 1,1-Dichloroethene-d2	4.025	63	192926	21.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.96%		
20) 2-Butanone-d5	7.074	46	96152	85.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	170.00%#		
24) Chloroform-d	7.647	84	172038	18.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.00%		
26) 1,2-Dichloroethane-d4	8.305	65	115142	21.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.84%		
29) Benzene-d6	8.275	84	344257	20.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.60%		
33) 1,2-Dichloropropane-d6	9.274	67	98592	20.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.00%		
37) Toluene-d8	10.323	98	323281	20.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.56%		
38) trans-1,3-Dichloroprop...	10.579	79	42457	17.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.48%		
39) 2-Hexanone-d5	10.927	63	69034	73.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	146.68%#		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	108165	25.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	84115	19.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.68%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	114472	24.97	ug/L	94
13) Acetone	4.135	43	2718	3.34	ug/L	88
16) Methylene chloride	4.915	84	5625	0.94	ug/L	91
21) 2-Butanone	7.171	43	953	0.74	ug/L #	54
34) Benzene	8.323	78	518449	28.54	ug/L	100
35) Trichloroethene	9.091	95	142419	28.38	ug/L	99
42) cis-1,3-Dichloropropene	10.036	75	3321	0.44	ug/L #	68
44) Toluene	10.390	91	567512	27.48	ug/L	95
45) trans-1,3-Dichloropropene	10.573	75	2627	0.39	ug/L	97
49) 2-Hexanone	10.927	43	10820	5.72	ug/L #	60
52) Chlorobenzene	11.658	112	342566	26.16	ug/L	97

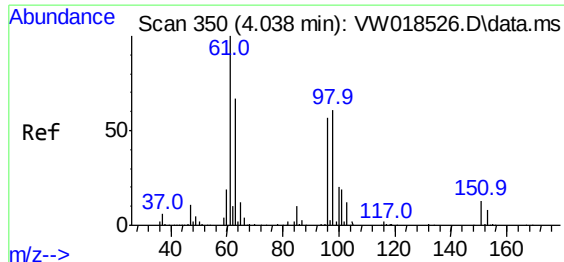
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 02 03:28:33 2021
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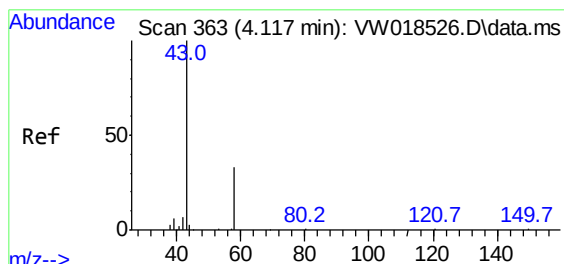
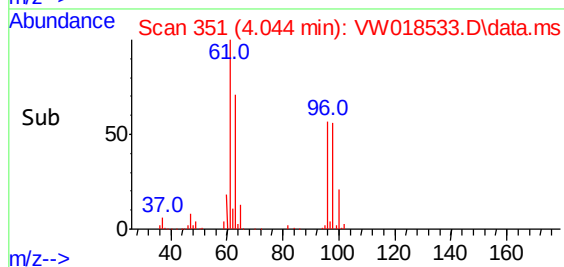
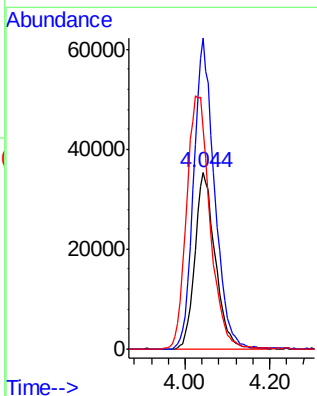
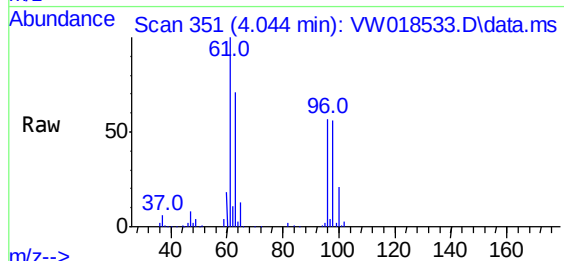




#12
1,1-Dichloroethene
Concen: 24.97 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

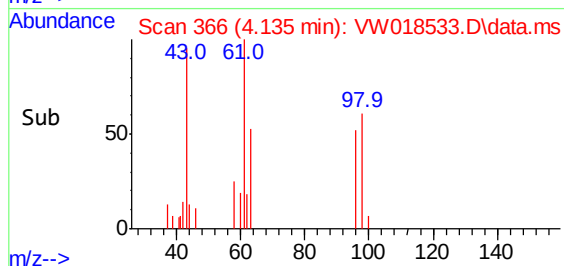
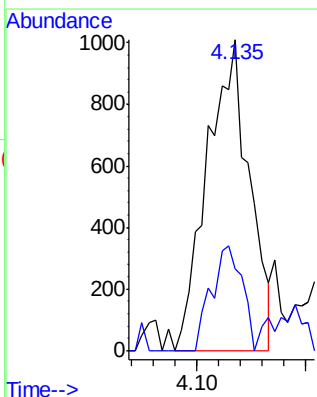
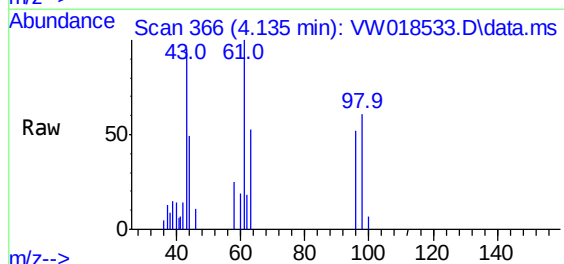
Instrument :
MSVOA_W
ClientSampleId :
ESQG0MS

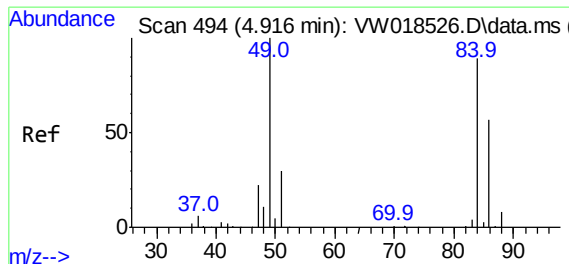
Tgt Ion: 96 Resp: 114472
Ion Ratio Lower Upper
96 100
61 176.3 118.6 220.2
63 124.9 82.4 153.0



#13
Acetone
Concen: 3.34 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
58 24.7 0.0 62.2

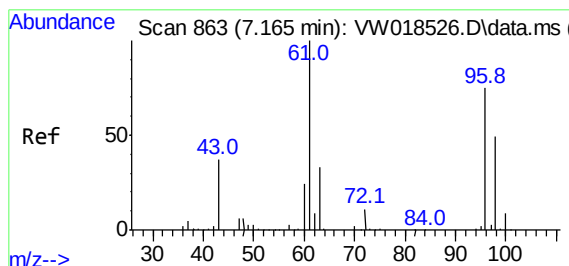
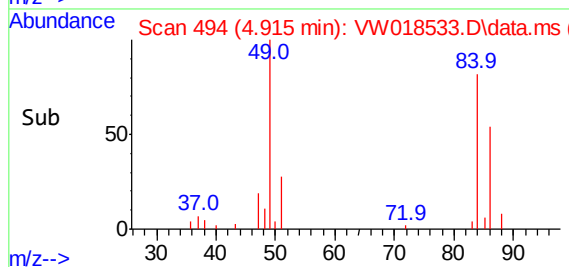
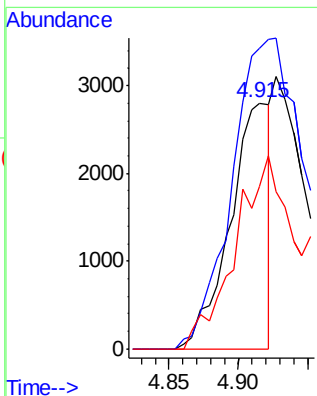
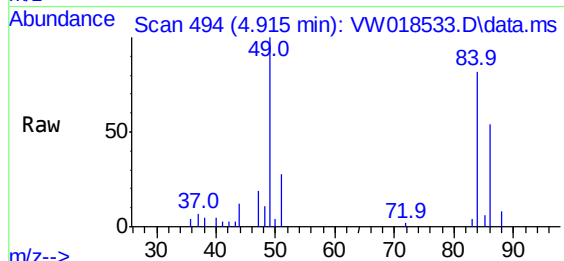




#16
Methylene chloride
Concen: 0.94 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

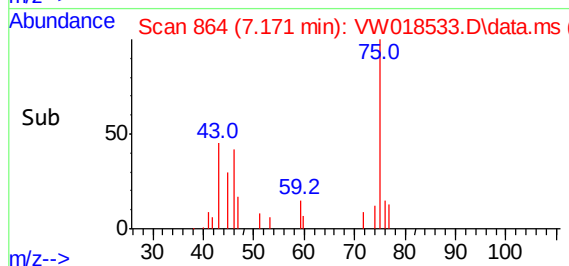
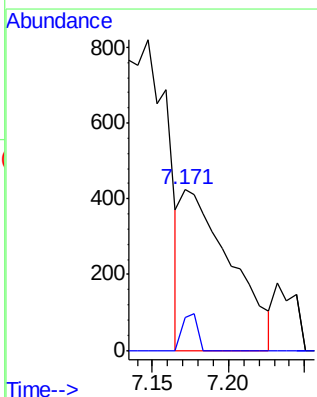
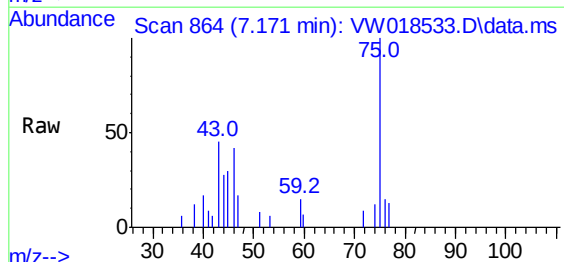
Instrument :
MSVOA_W
ClientSampled :
ESQG0MS

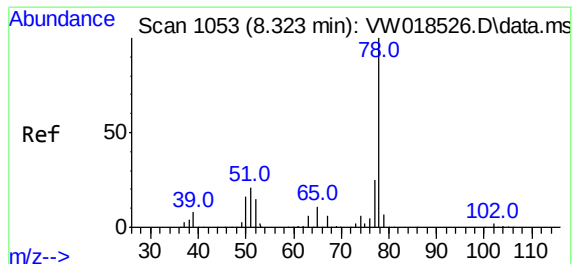
Tgt Ion: 84 Resp: 5625
Ion Ratio Lower Upper
84 100
49 122.1 74.4 138.2
86 66.0 46.1 85.7



#21
2-Butanone
Concen: 0.74 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
72 7.0 16.5 49.5#

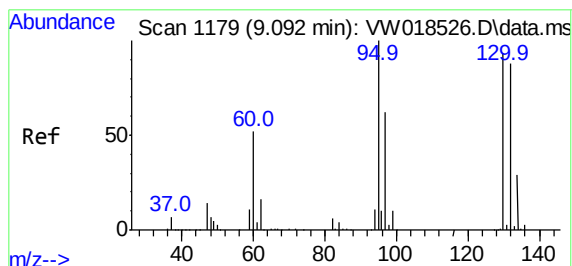
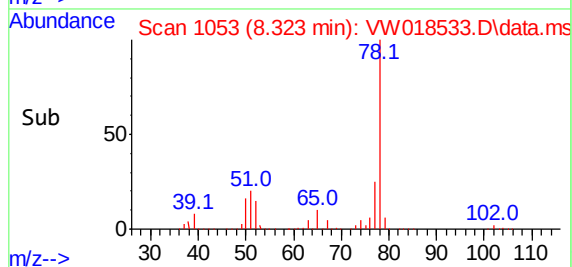
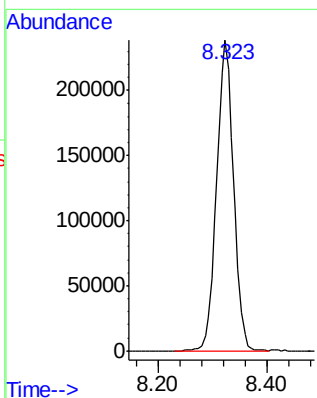
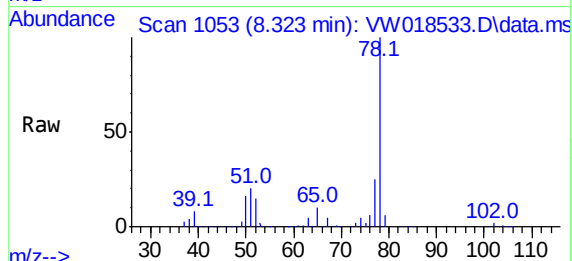




#34
Benzene
Concen: 28.54 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

Instrument :
MSVOA_W
ClientSampleId :
ESQG0MS

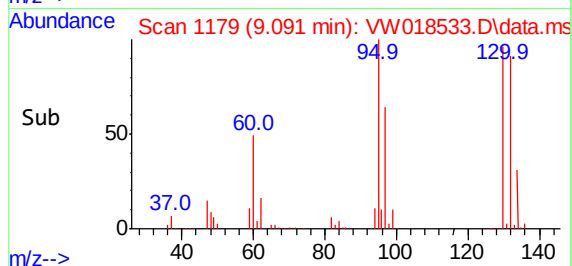
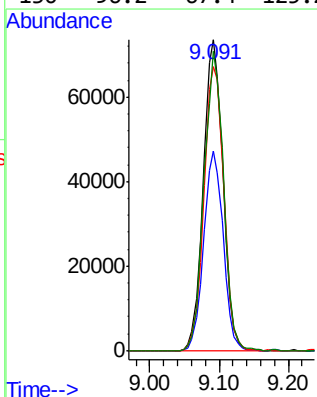
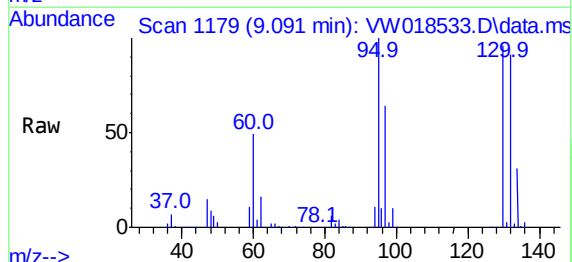
Tgt Ion: 78 Resp: 518449

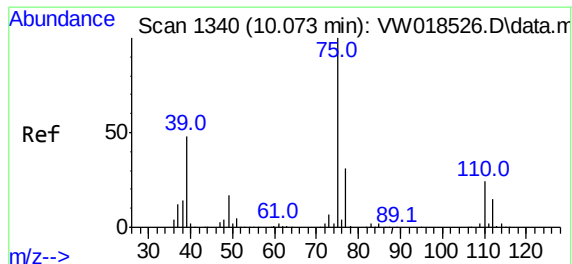


#35
Trichloroethene
Concen: 28.38 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

Tgt Ion: 95 Resp: 142419

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.4	82.4
132	93.2	65.9	122.5
130	96.2	67.4	125.2

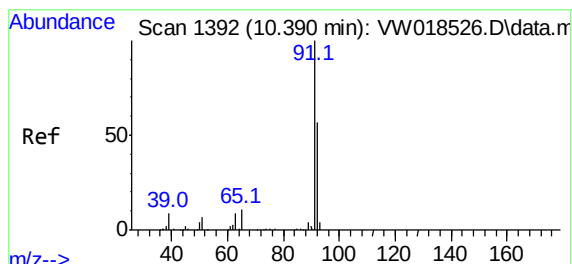
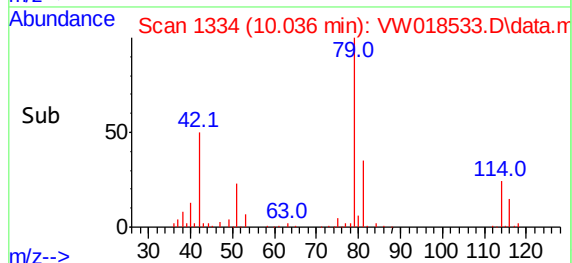
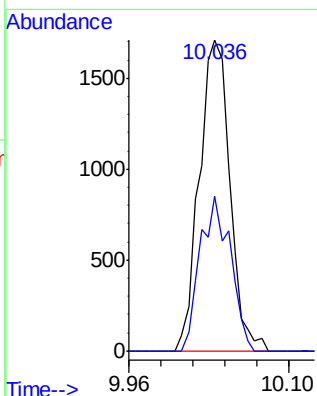
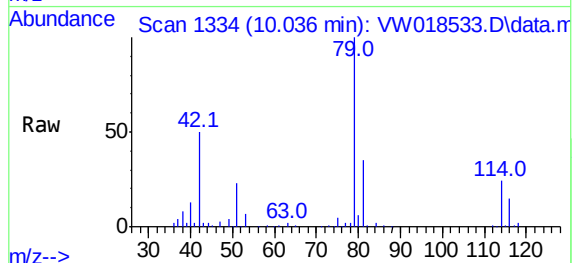




#42
cis-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

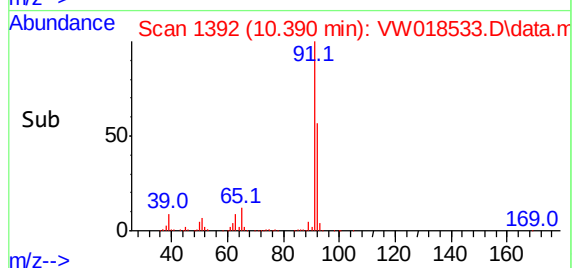
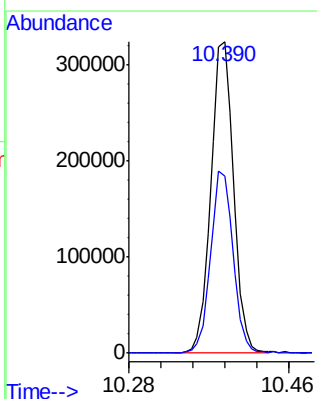
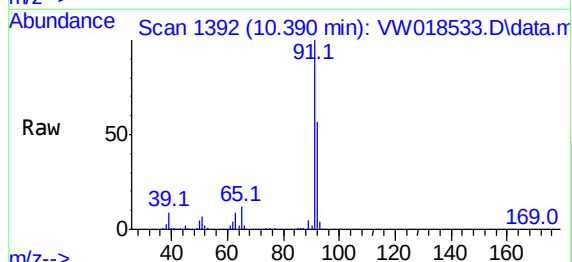
Instrument :
MSVOA_W
ClientSampleId :
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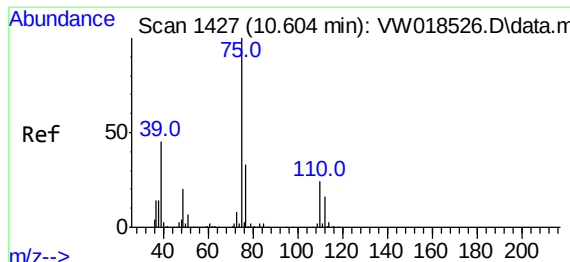
Tgt Ion: 75 Resp: 3321
Ion Ratio Lower Upper
75 100
77 49.9 22.4 41.6#



#44
Toluene
Concen: 27.48 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

Tgt Ion: 91 Resp: 567512
Ion Ratio Lower Upper
91 100
92 56.9 42.3 78.5

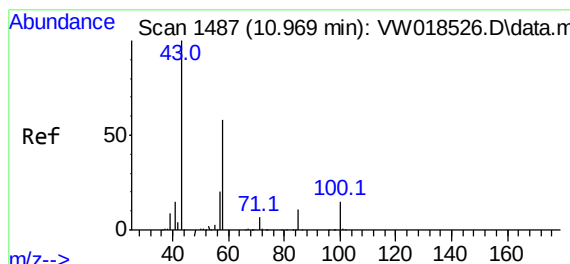
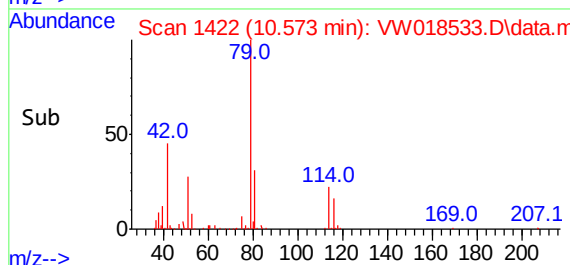
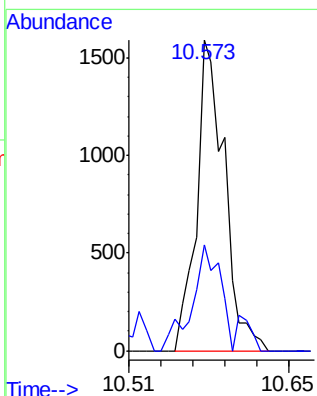
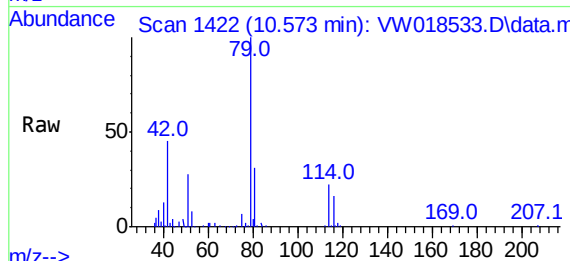




#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

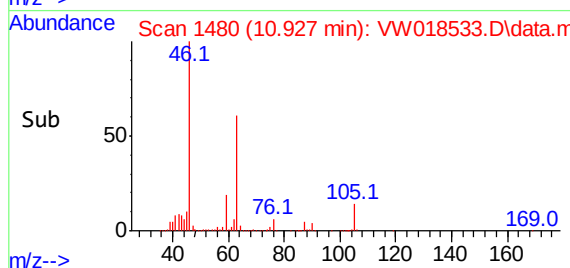
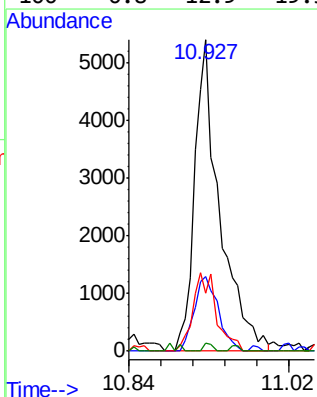
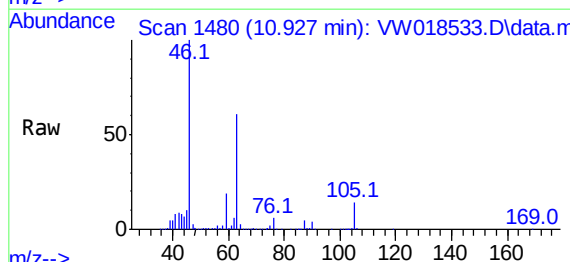
Instrument :
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ClientSampled :
ESQG0MS

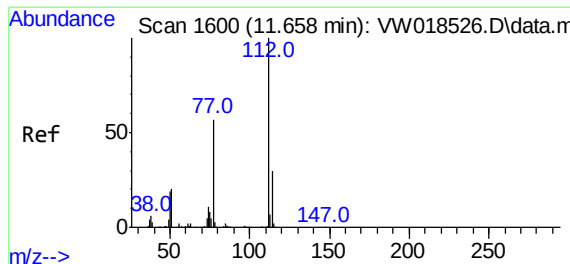
Tgt Ion: 75 Resp: 2627
Ion Ratio Lower Upper
75 100
77 34.2 22.6 42.0



#49
2-Hexanone
Concen: 5.72 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

Tgt Ion: 43 Resp: 10820
Ion Ratio Lower Upper
43 100
58 22.4 47.3 70.9#
57 13.8 17.3 25.9#
100 0.8 12.9 19.3#





#52
Chlorobenzene
Concen: 26.16 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018533.D
Acq: 01 Apr 2021 13:55

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:112 Resp: 342566
Ion Ratio Lower Upper
112 100
77 58.8 45.4 68.2
114 29.9 22.5 41.9

