

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018530.D
 Acq On : 01 Apr 2021 12:31
 Operator : SY/VA
 Sample : M1881-03
 Misc : 5.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQF9

Quant Time: Apr 02 03:30:09 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)

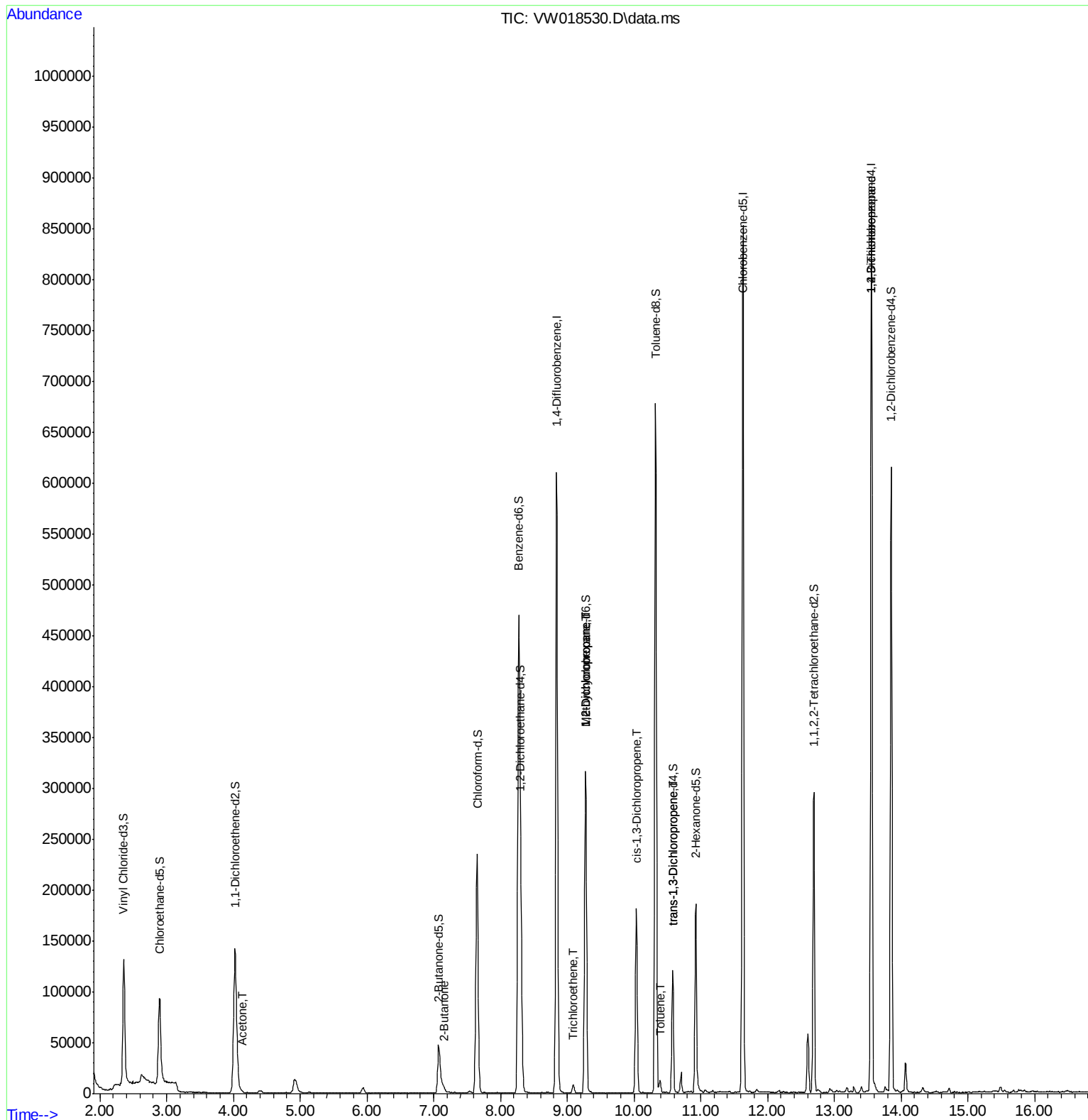
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	506074	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	456133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	214482	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	153468	21.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.16%		
7) Chloroethane-d5	2.891	69	116790	18.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.80%		
10) 1,1-Dichloroethene-d2	4.019	63	161731	13.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.20%		
20) 2-Butanone-d5	7.080	46	77611	49.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.00%		
24) Chloroform-d	7.653	84	234664	18.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.84%		
26) 1,2-Dichloroethane-d4	8.305	65	156843	20.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.36%		
29) Benzene-d6	8.275	84	460345	18.98	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.92%		
33) 1,2-Dichloropropane-d6	9.274	67	137471	19.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.60%		
37) Toluene-d8	10.323	98	447280	19.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.64%		
38) trans-1,3-Dichloroprop...	10.579	79	62683	17.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.52%		
39) 2-Hexanone-d5	10.926	63	63653	46.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.00%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	137742	22.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	148140	19.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.72%		
Target Compounds						
13) Acetone	4.129	43	1999	1.77	ug/L	68
21) 2-Butanone	7.153	43	1484	0.83	ug/L #	42
35) Trichloroethene	9.091	95	2453	0.34	ug/L	87
36) Methylcyclohexane	9.274	83	35814	2.80	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	17242	2.67	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	5109	0.47	ug/L #	60
44) Toluene	10.390	91	8093	0.27	ug/L	99
45) trans-1,3-Dichloropropene	10.579	75	3572	0.36	ug/L	87
59) 1,2,3-Trichloropropane	13.554	75	28156	5.98	ug/L	92

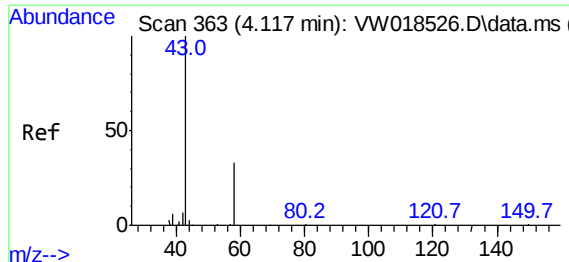
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 02 03:28:33 2021
Response via : Initial Calibration

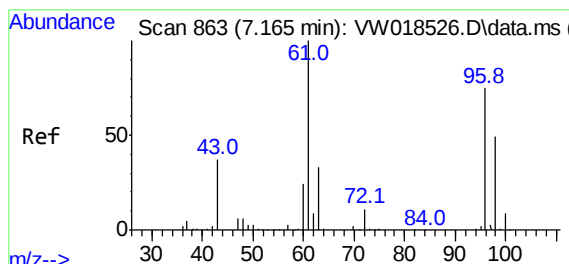
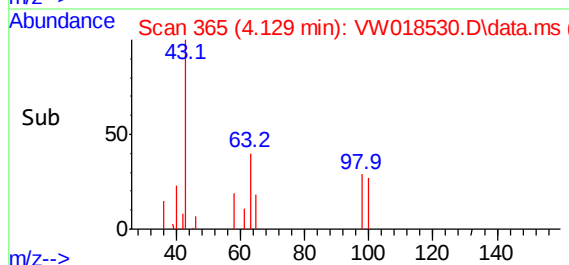
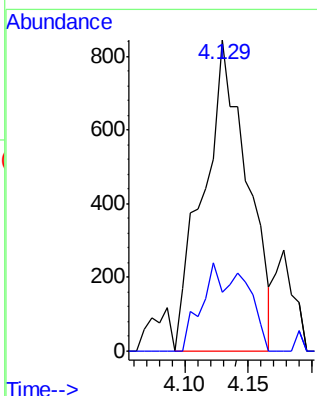
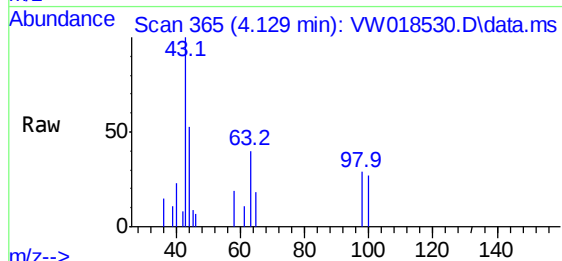




#13
Acetone
Concen: 1.77 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31

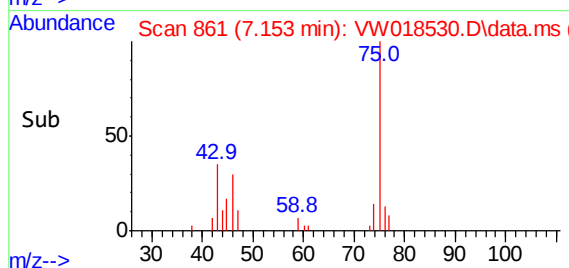
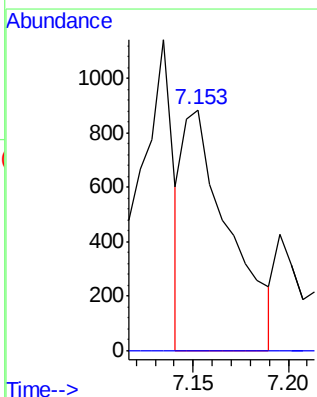
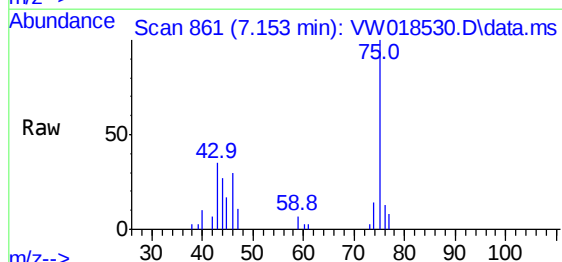
Instrument :
MSVOA_W
ClientSampled :
ESQF9

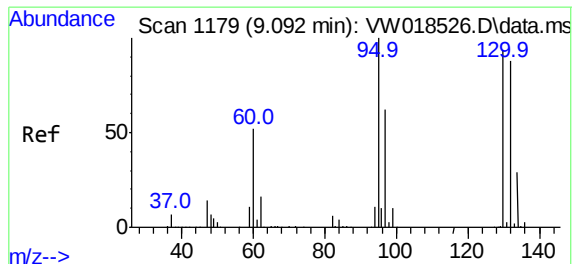
Tgt Ion: 43 Resp: 1999
Ion Ratio Lower Upper
43 100
58 13.6 0.0 62.2



#21
2-Butanone
Concen: 0.83 ug/L
RT: 7.153 min Scan# 861
Delta R.T. -0.012 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31

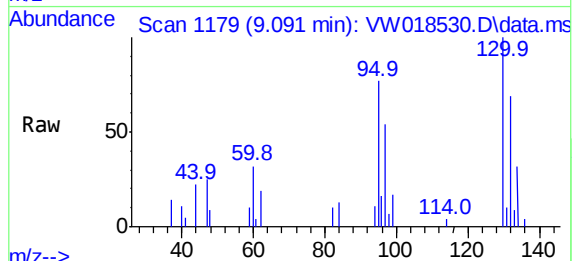
Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
72 0.0 16.5 49.5#





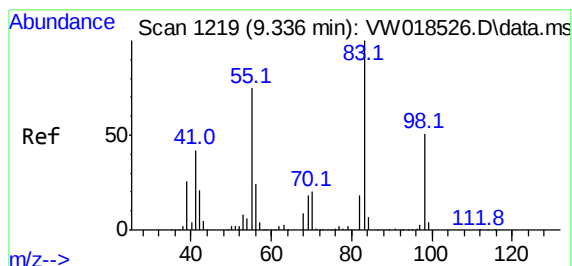
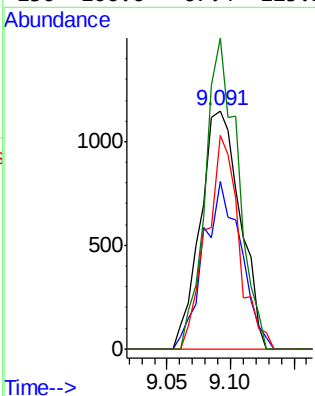
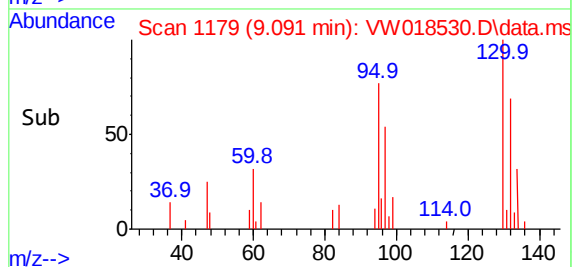
#35
Trichloroethene
Concen: 0.34 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31

Instrument :
MSVOA_W
ClientSampled :
ESQF9

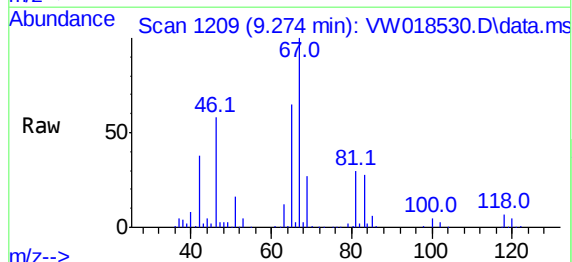


Tgt Ion: 95 Resp: 2453

Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.4	82.4
132	73.2	65.9	122.5
130	106.6	67.4	125.2

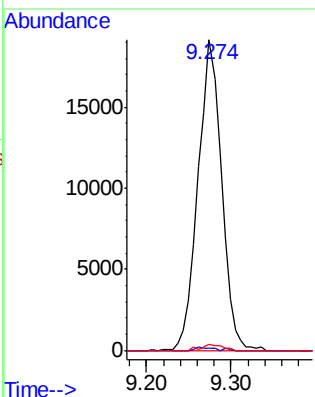
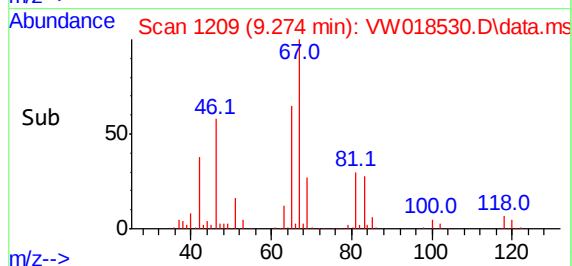


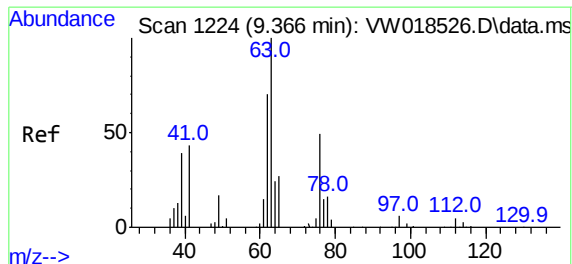
#36
Methylcyclohexane
Concen: 2.80 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31



Tgt Ion: 83 Resp: 35814

Ion	Ratio	Lower	Upper
83	100		
55	0.3	56.8	85.2#
98	1.4	40.6	61.0#

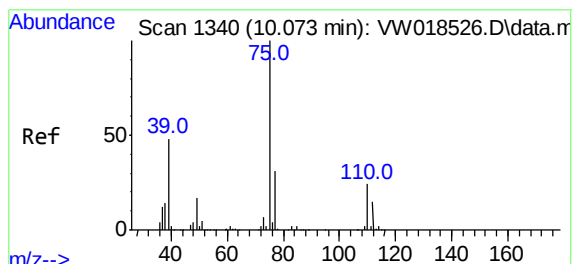
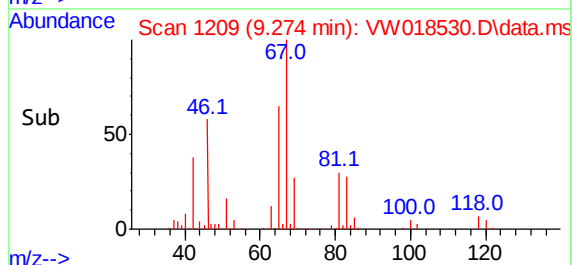
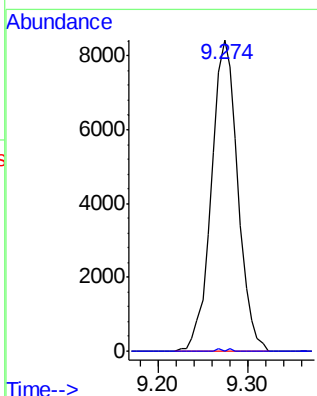
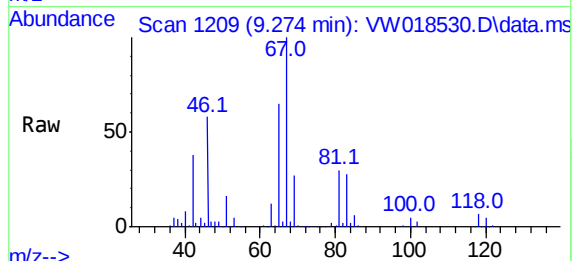




#40
1,2-Dichloropropane
Concen: 2.67 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31

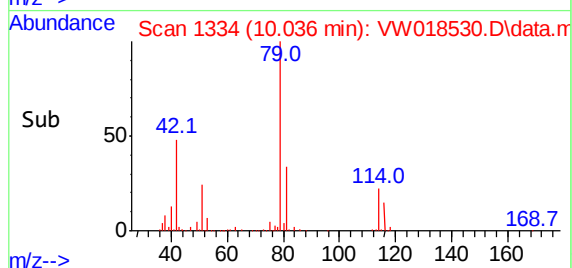
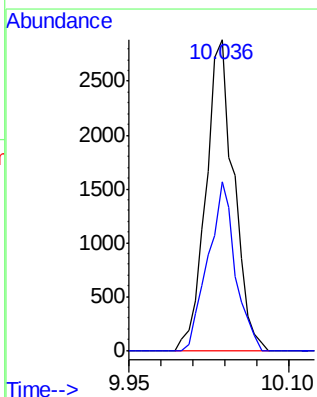
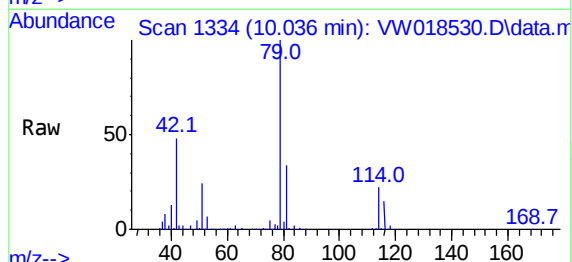
Instrument :
MSVOA_W
ClientSampled :
ESQF9

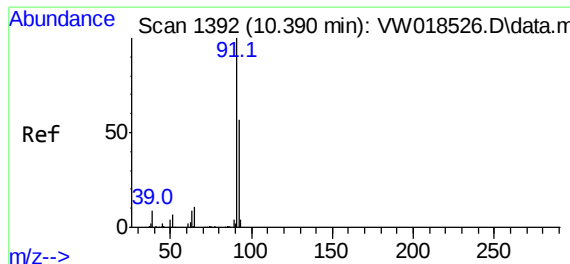
Tgt Ion: 63 Resp: 17242
Ion Ratio Lower Upper
63 100
112 0.1 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31

Tgt Ion: 75 Resp: 5109
Ion Ratio Lower Upper
75 100
77 54.3 22.4 41.6#

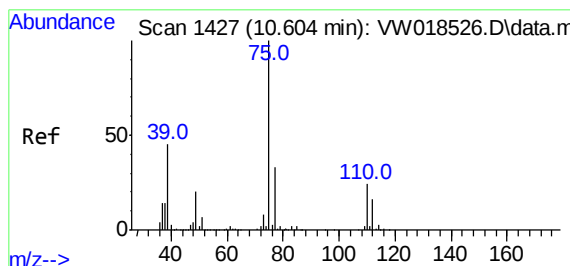
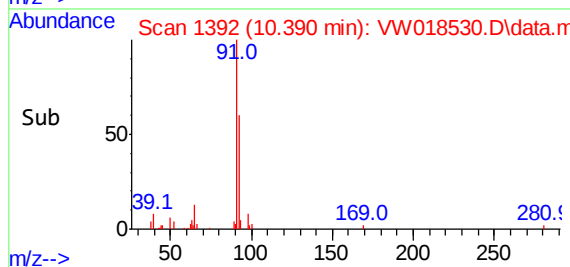
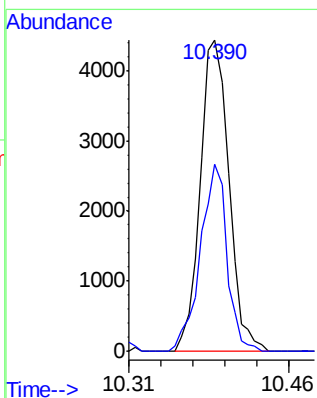
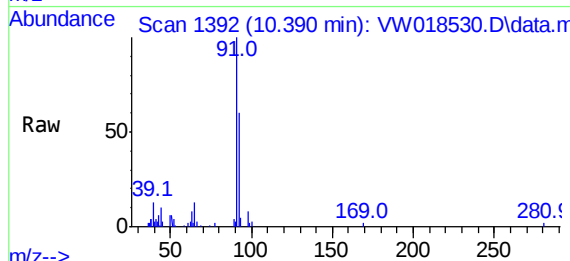




#44
Toluene
Concen: 0.27 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31

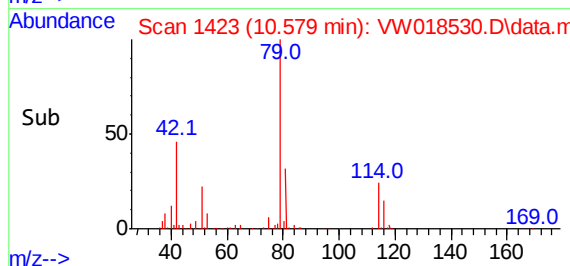
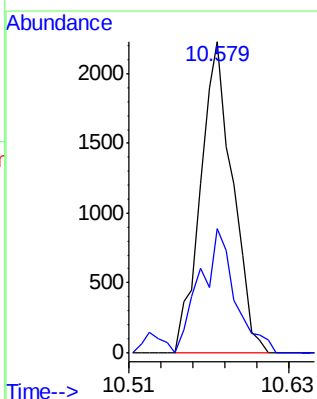
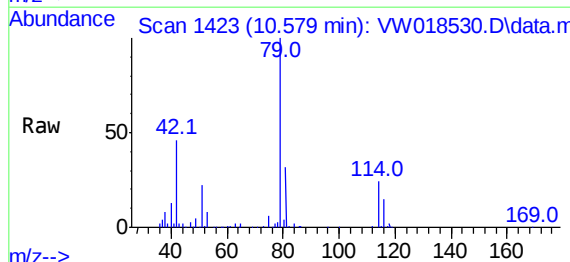
Instrument :
MSVOA_W
ClientSampled :
ESQF9

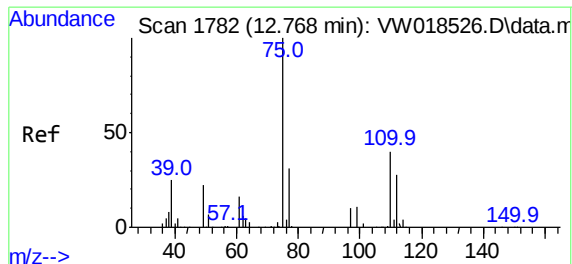
Tgt Ion: 91 Resp: 8093
Ion Ratio Lower Upper
91 100
92 59.9 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31

Tgt Ion: 75 Resp: 3572
Ion Ratio Lower Upper
75 100
77 39.7 22.6 42.0





#59
1,2,3-Trichloropropane
Concen: 5.98 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018530.D
Acq: 01 Apr 2021 12:31

Instrument :
MSVOA_W
ClientSampleId :
ESQF9

Tgt Ion: 75 Resp: 28156
Ion Ratio Lower Upper
75 100
77 36.3 25.6 38.4

