

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018511.D
 Acq On : 31 Mar 2021 14:23
 Operator : SY/VA
 Sample : VW0401SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK16

Quant Time: Apr 01 02:05:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

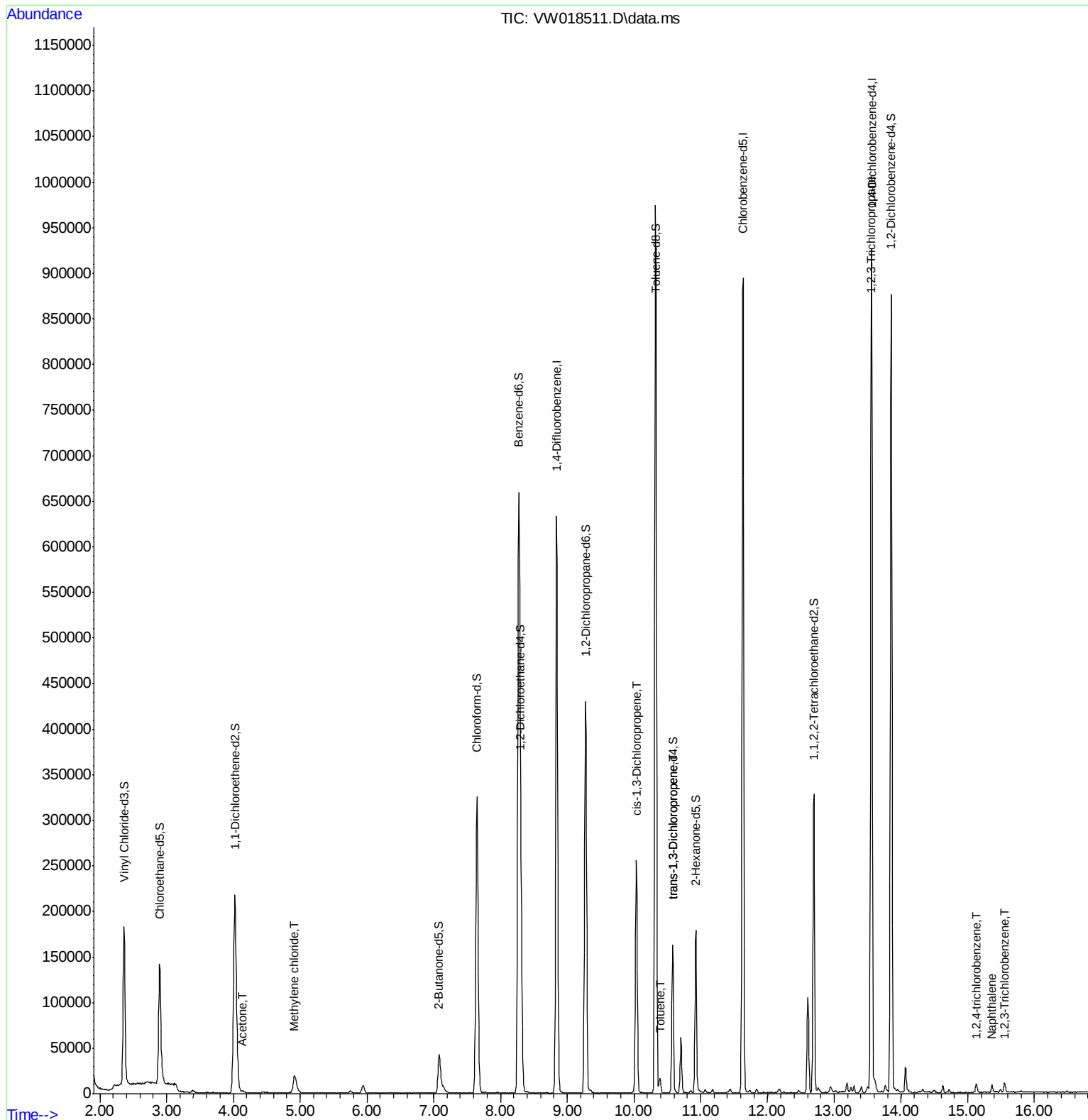
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	525083	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	487835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	240156	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	207448	28.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.56%			
7) Chloroethane-d5	2.892	69	170517	26.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.64%			
10) 1,1-Dichloroethene-d2	4.019	63	243284	19.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.12%			
20) 2-Butanone-d5	7.080	46	71312	43.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.68%			
24) Chloroform-d	7.647	84	330440	24.71	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.84%			
26) 1,2-Dichloroethane-d4	8.305	65	201839	25.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.40%			
29) Benzene-d6	8.275	84	667578	25.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.96%			
33) 1,2-Dichloropropane-d6	9.275	67	183455	24.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.08%			
37) Toluene-d8	10.323	98	639682	25.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.48%			
38) trans-1,3-Dichloroprop...	10.579	79	87048	22.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.24%			
39) 2-Hexanone-d5	10.927	63	61399	41.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.88%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	152810	22.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.36%			
61) 1,2-Dichlorobenzene-d4	13.853	152	214595	25.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.52%			
Target Compounds						
13) Acetone	4.141	43	1162	0.99	ug/L	94
16) Methylene chloride	4.916	84	15354	1.78	ug/L	94
42) cis-1,3-Dichloropropene	10.037	75	7785	0.67	ug/L	89
44) Toluene	10.390	91	10868	0.34	ug/L	99
45) trans-1,3-Dichloropropene	10.579	75	4342	0.41	ug/L #	46
59) 1,2,3-Trichloropropane	13.554	75	30930	6.14	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	2999	0.32	ug/L	94
69) Naphthalene	15.365	128	6717	0.34	ug/L	97
70) 1,2,3-Trichlorobenzene	15.554	180	3118	0.38	ug/L #	91

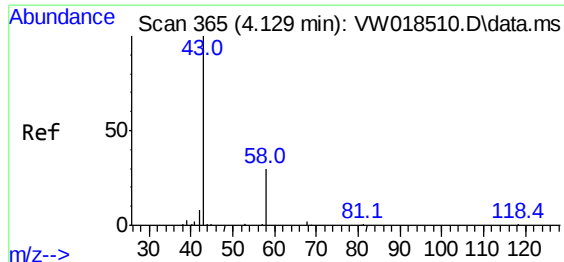
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VBLK16

Quant Time: Apr 01 02:05:16 2021
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QLast Update : Thu Apr 01 02:04:50 2021
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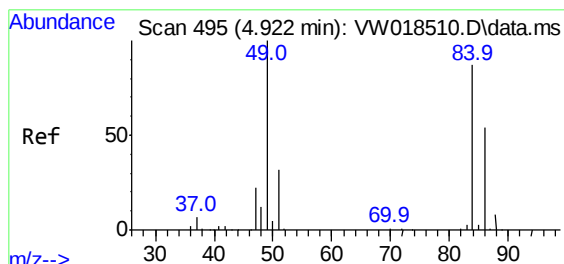
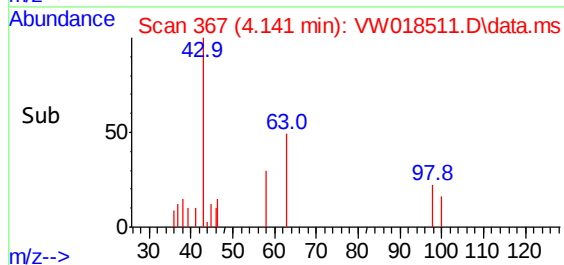
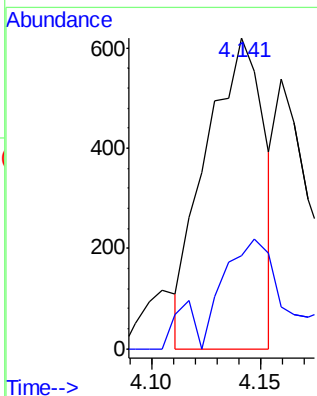
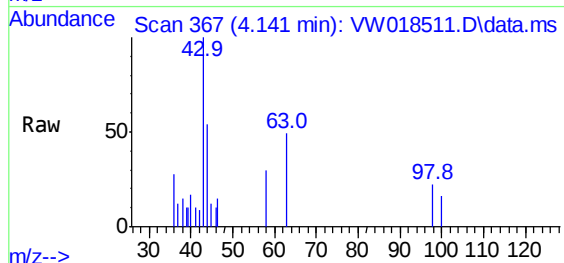




#13
Acetone
Concen: 0.99 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018511.D
Acq: 31 Mar 2021 14:23

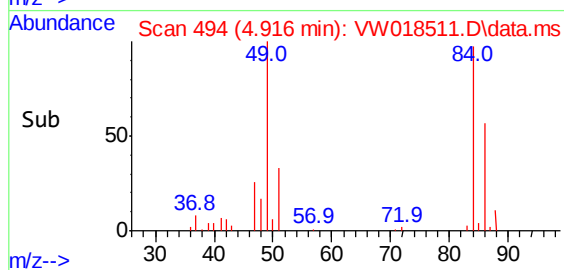
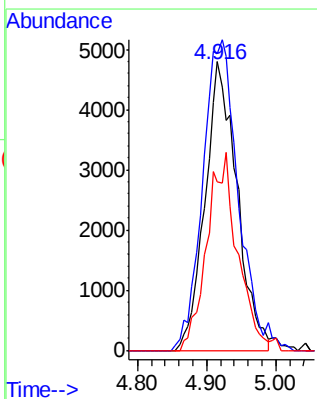
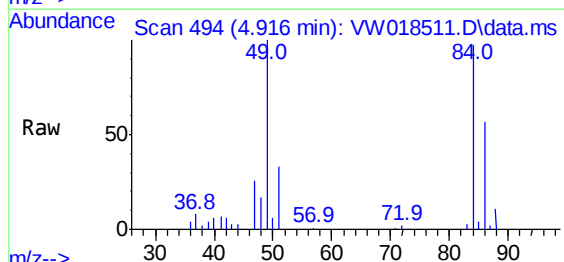
Instrument :
MSVOA_W
ClientSampled :
VBLK16

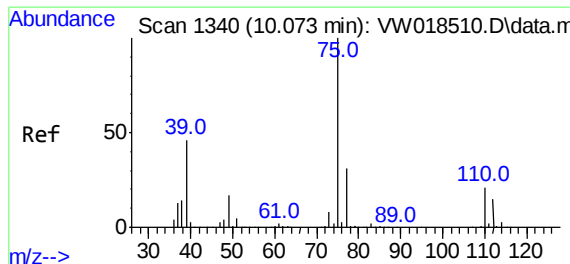
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 34.3 0.0 62.2



#16
Methylene chloride
Concen: 1.78 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018511.D
Acq: 31 Mar 2021 14:23

Tgt Ion: 84 Resp: 15354
Ion Ratio Lower Upper
84 100
49 102.7 74.4 138.2
86 58.1 46.1 85.7

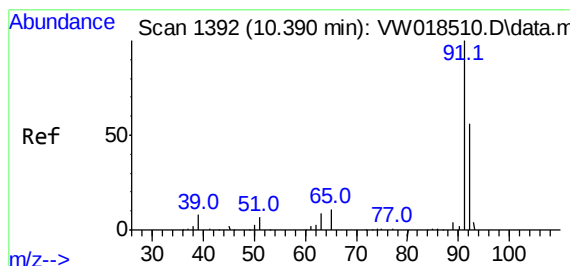
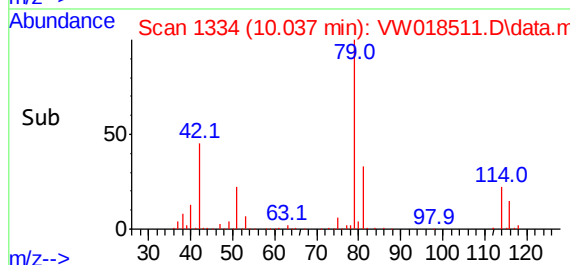
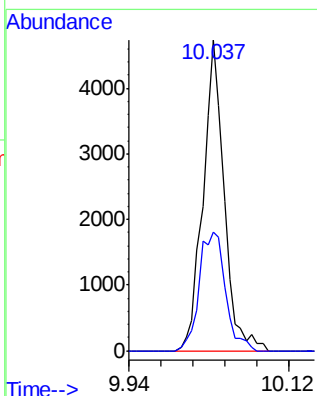
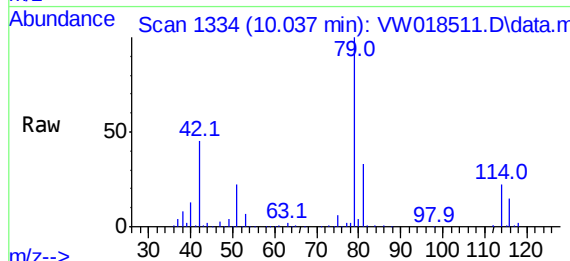




#42
cis-1,3-Dichloropropene
Concen: 0.67 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018511.D
Acq: 31 Mar 2021 14:23

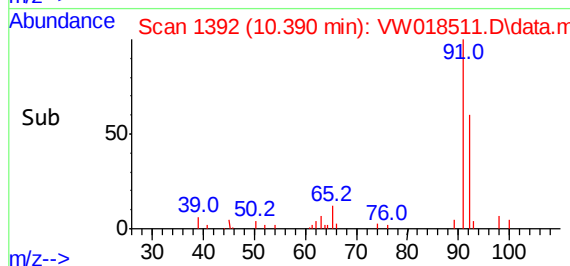
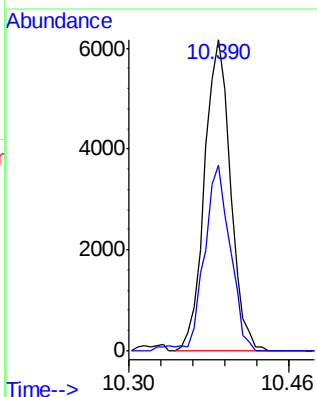
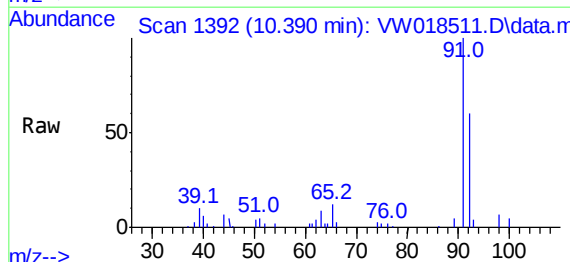
Instrument :
MSVOA_W
ClientSampled :
VBLK16

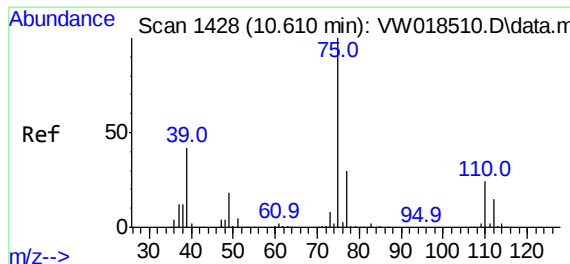
Tgt Ion: 75 Resp: 7785
Ion Ratio Lower Upper
75 100
77 38.3 22.4 41.6



#44
Toluene
Concen: 0.34 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018511.D
Acq: 31 Mar 2021 14:23

Tgt Ion: 91 Resp: 10868
Ion Ratio Lower Upper
91 100
92 59.6 42.3 78.5

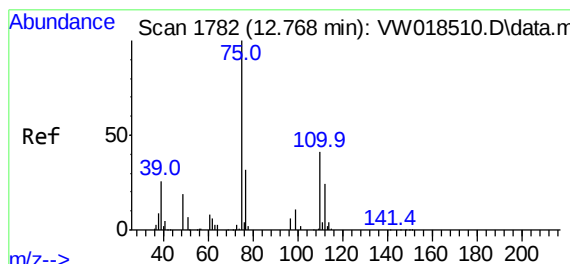
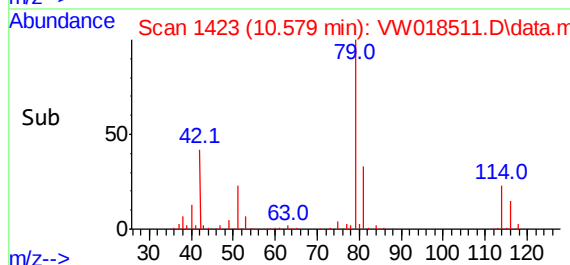
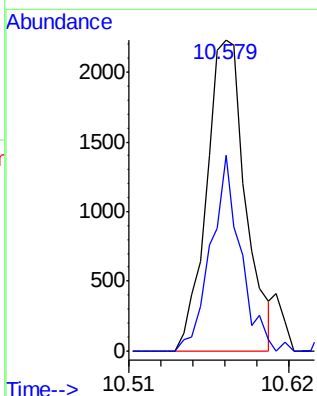
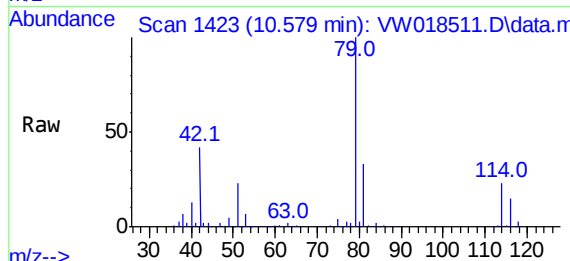




#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.030 min
Lab File: VW018511.D
Acq: 31 Mar 2021 14:23

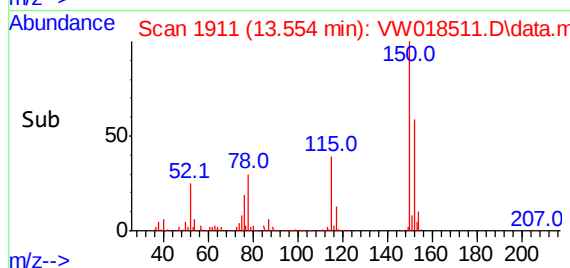
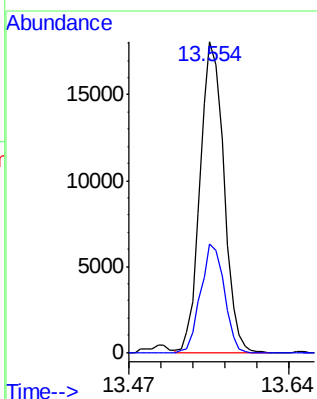
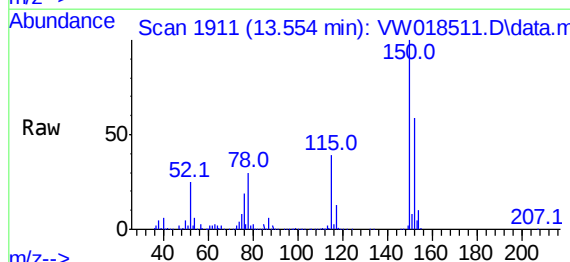
Instrument :
MSVOA_W
ClientSampleID :
VBLK16

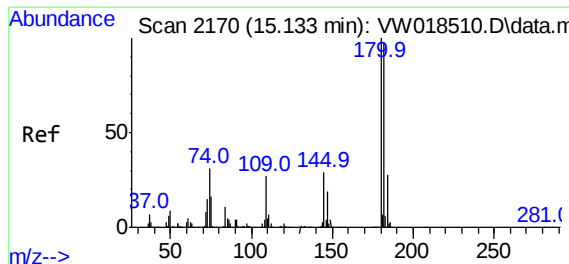
Tgt Ion: 75 Resp: 4342
Ion Ratio Lower Upper
75 100
77 62.8 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 6.14 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018511.D
Acq: 31 Mar 2021 14:23

Tgt Ion: 75 Resp: 30930
Ion Ratio Lower Upper
75 100
77 34.3 25.6 38.4

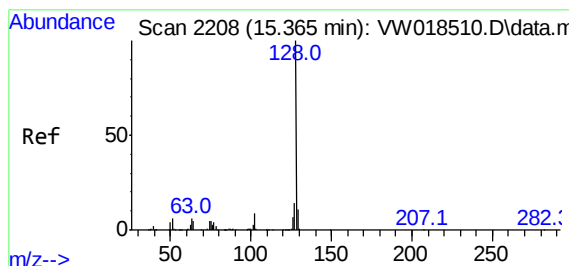
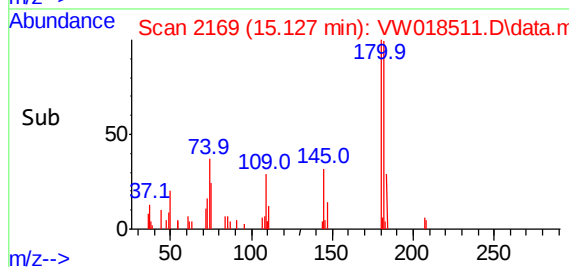
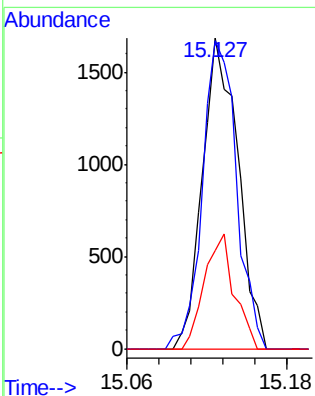
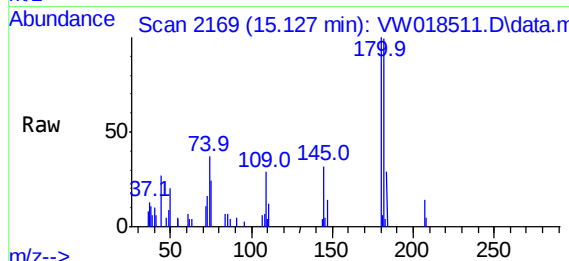




#68
 1,2,4-trichlorobenzene
 Concen: 0.32 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW018511.D
 Acq: 31 Mar 2021 14:23

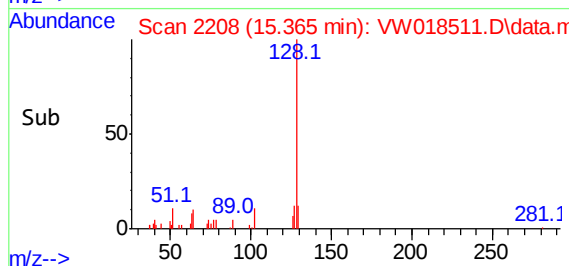
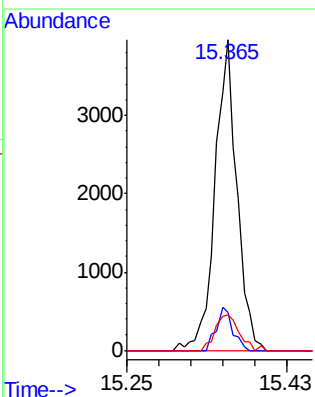
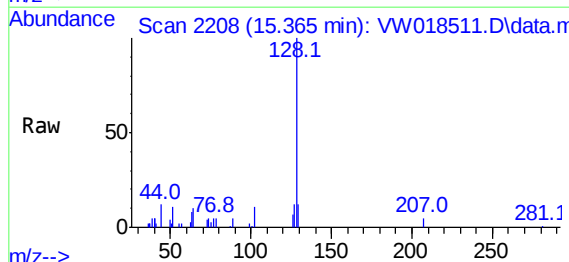
Instrument :
 MSVOA_W
 ClientSampleId :
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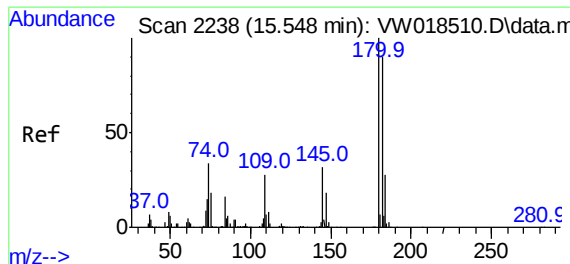
Tgt Ion:	180	Resp:	2999
Ion Ratio	Lower	Upper	
180	100		
182	95.5	70.2	105.4
145	31.2	24.9	37.3



#69
 Naphthalene
 Concen: 0.34 ug/L
 RT: 15.365 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VW018511.D
 Acq: 31 Mar 2021 14:23

Tgt Ion:	128	Resp:	6717
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.1	13.7
127	12.2	10.7	16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 0.38 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.006 min
 Lab File: VW018511.D
 Acq: 31 Mar 2021 14:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK16

Tgt Ion:180 Resp: 3118

Ion	Ratio	Lower	Upper
180	100		
182	88.6	76.5	114.7
145	26.5	27.7	41.5#

