

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018461.D
 Acq On : 26 Mar 2021 10:29
 Operator : SY/VA
 Sample : VW0326SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK13

Quant Time: Mar 27 01:31:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 01:30:53 2021
 Response via : Initial Calibration

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

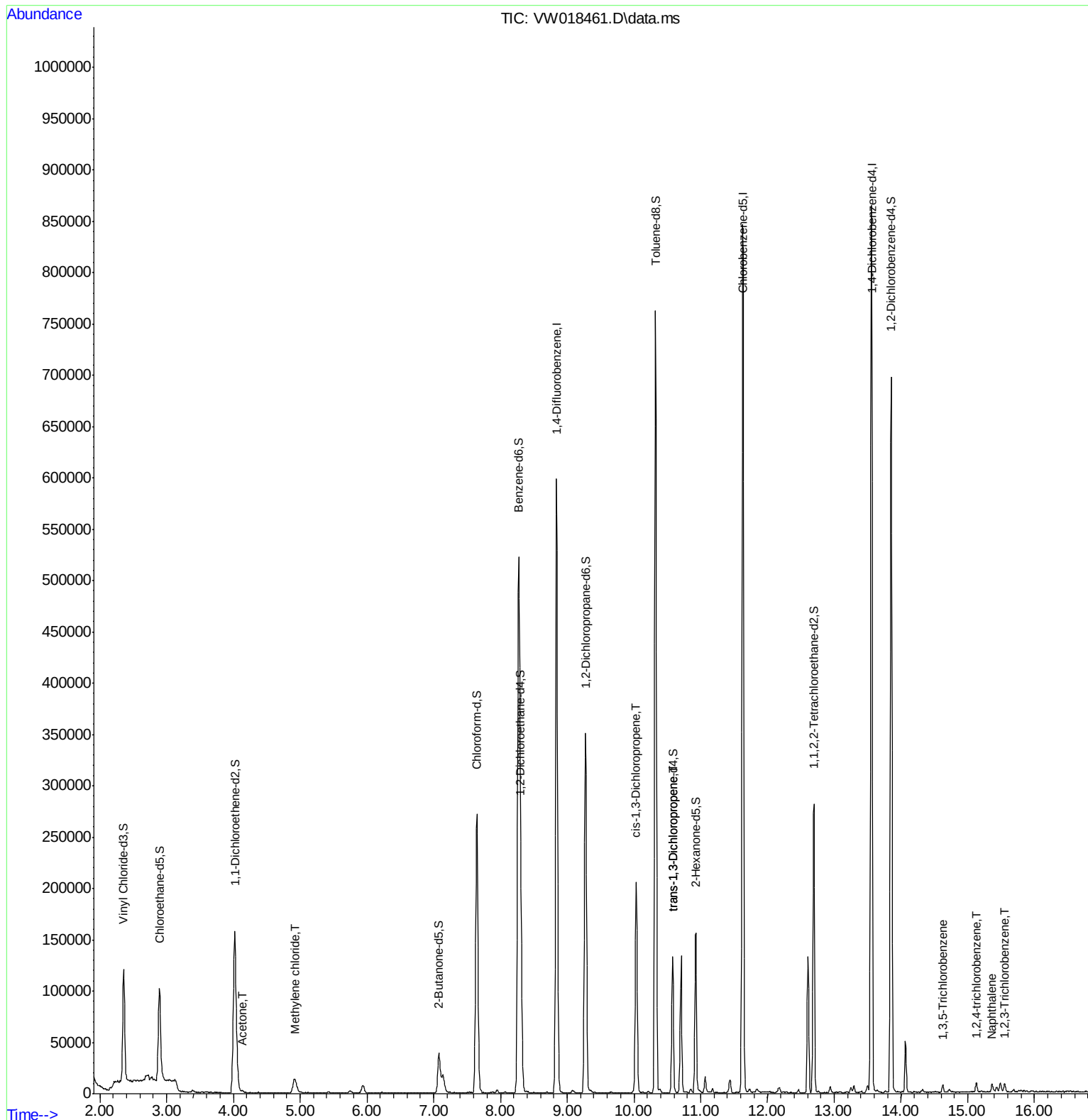
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	508165	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	453020	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	215500	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127282	18.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.00%		
7) Chloroethane-d5	2.891	69	120062	19.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.60%		
10) 1,1-Dichloroethene-d2	4.019	63	170197	13.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.76%		
20) 2-Butanone-d5	7.074	46	66306	42.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.24%		
24) Chloroform-d	7.647	84	274295	21.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.76%		
26) 1,2-Dichloroethane-d4	8.305	65	164785	21.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.24%		
29) Benzene-d6	8.275	84	522043	21.68	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.72%		
33) 1,2-Dichloropropane-d6	9.274	67	155446	22.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.52%		
37) Toluene-d8	10.323	98	493208	21.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.08%		
38) trans-1,3-Dichloroprop...	10.579	79	73374	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.92%		
39) 2-Hexanone-d5	10.927	63	56451	41.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.04%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	132649	21.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	172027	22.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.80%		
Target Compounds						
13) Acetone	4.135	43	2308	2.04	ug/L	75
16) Methylene chloride	4.922	84	11994	1.44	ug/L	90
42) cis-1,3-Dichloropropene	10.030	75	6660	0.61	ug/L	86
45) trans-1,3-Dichloropropene	10.579	75	4535	0.47	ug/L	96
67) 1,3,5-Trichlorobenzene	14.627	180	2514	0.25	ug/L	94
68) 1,2,4-trichlorobenzene	15.127	180	2688	0.32	ug/L	99
69) Naphthalene	15.365	128	6166	0.35	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	2296	0.31	ug/L	94

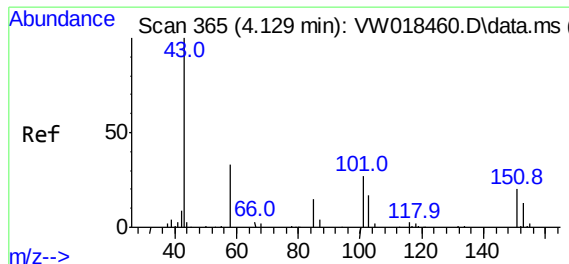
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_W
ClientSampleId :
VBLK13

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Quant Title : VOC Analysis
QLast Update : Sat Mar 27 01:30:53 2021
Response via : Initial Calibration

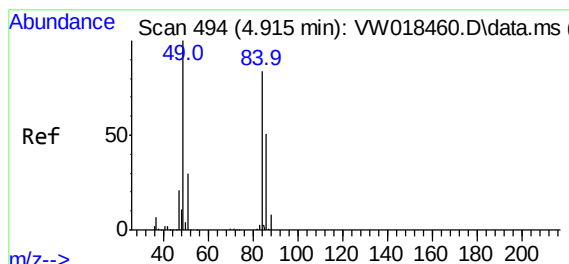
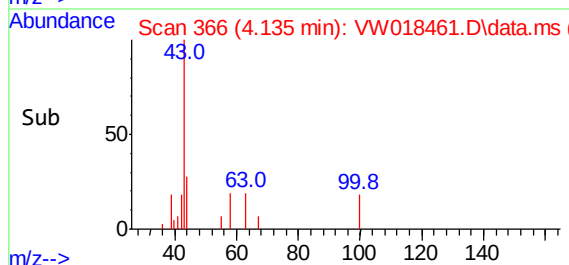
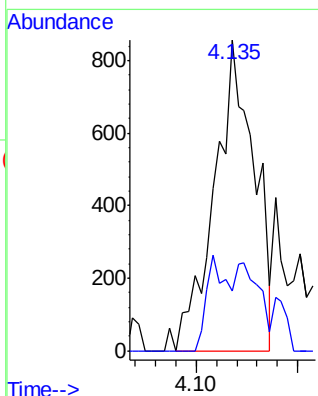
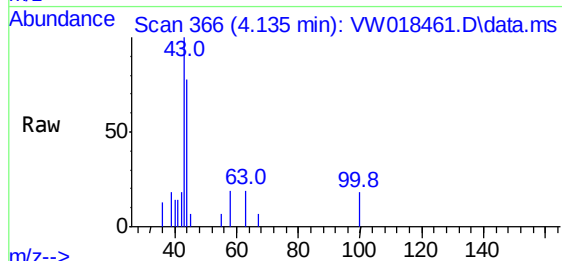




#13
Acetone
Concen: 2.04 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018461.D
Acq: 26 Mar 2021 10:29

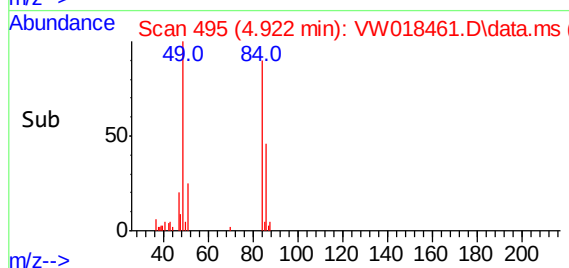
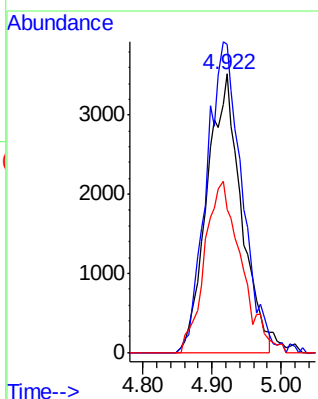
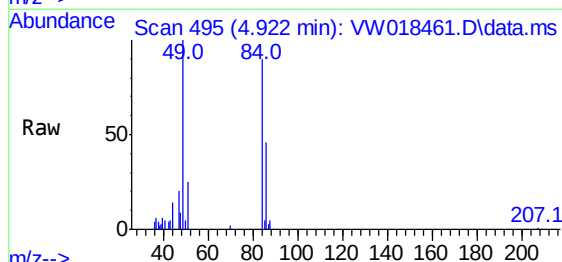
Instrument :
MSVOA_W
ClientSampled :
VBLK13

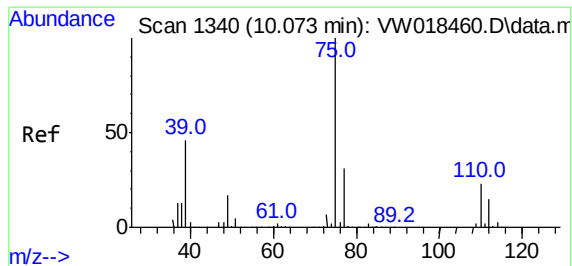
Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
58 17.2 0.0 62.2



#16
Methylene chloride
Concen: 1.44 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018461.D
Acq: 26 Mar 2021 10:29

Tgt Ion: 84 Resp: 11994
Ion Ratio Lower Upper
84 100
49 110.8 74.4 138.2
86 51.4 46.1 85.7

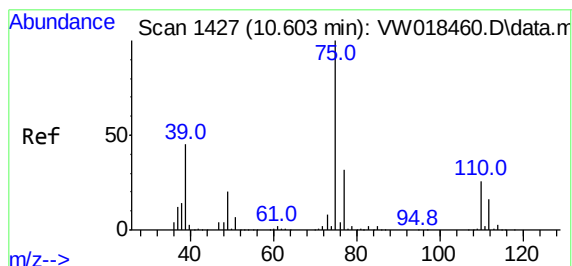
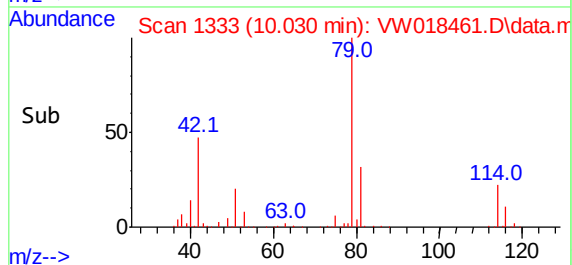
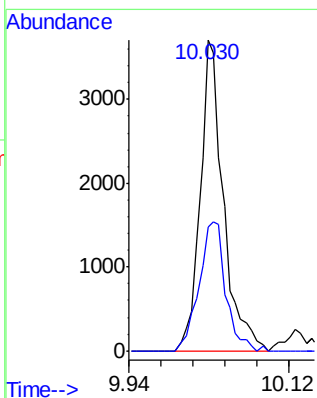
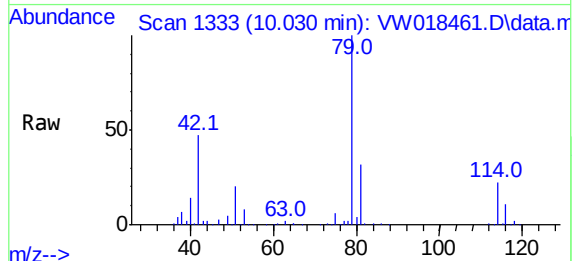




#42
cis-1,3-Dichloropropene
Concen: 0.61 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018461.D
Acq: 26 Mar 2021 10:29

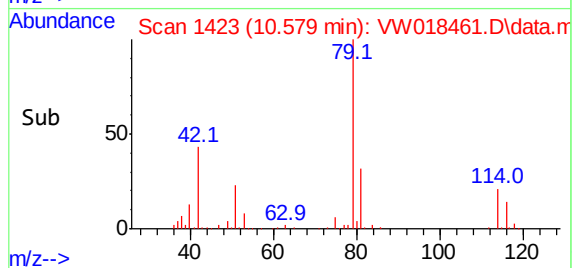
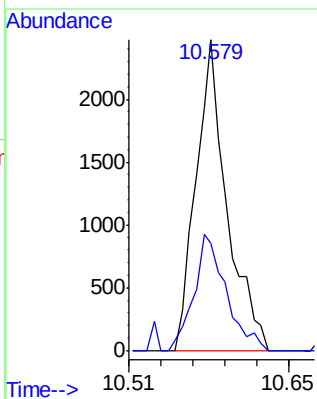
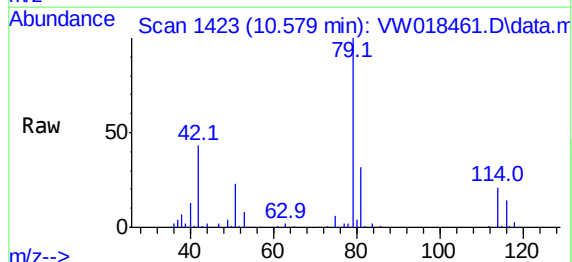
Instrument :
MSVOA_W
ClientSampled :
VBLK13

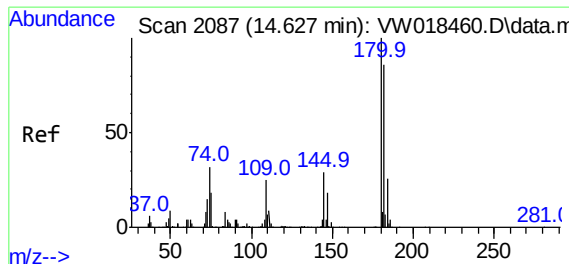
Tgt Ion: 75 Resp: 6660
Ion Ratio Lower Upper
75 100
77 39.9 22.4 41.6



#45
trans-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018461.D
Acq: 26 Mar 2021 10:29

Tgt Ion: 75 Resp: 4535
Ion Ratio Lower Upper
75 100
77 34.5 22.6 42.0

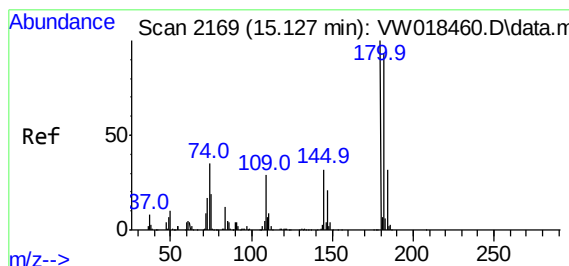
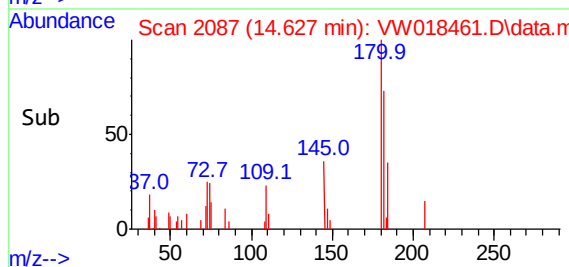
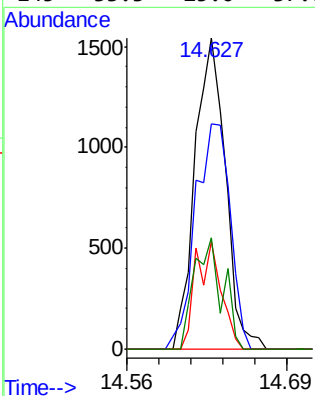
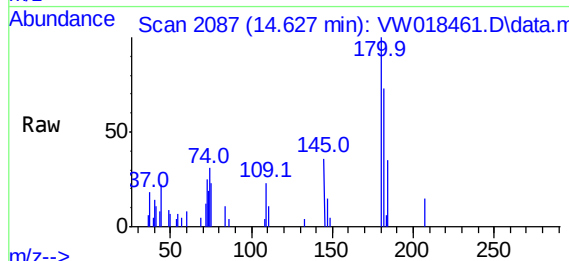




#67
 1,3,5-Trichlorobenzene
 Concen: 0.25 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018461.D
 Acq: 26 Mar 2021 10:29

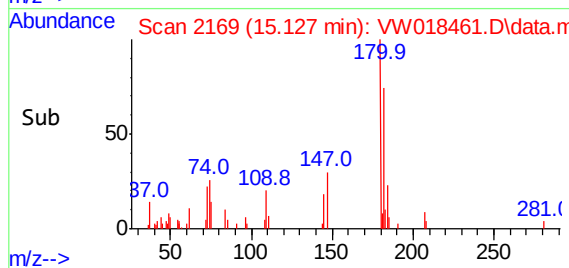
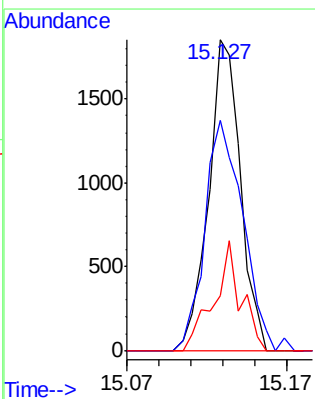
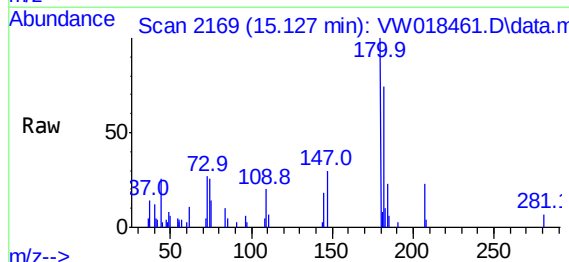
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 MSVOA_W
 ClientSampleId :
 VBLK13

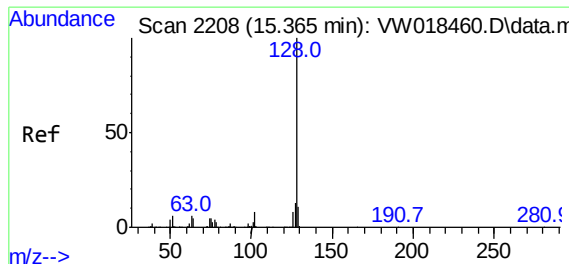
Tgt Ion:	180	Resp:	2514
Ion	Ratio	Lower	Upper
180	100		
182	82.0	71.8	107.8
184	28.6	23.5	35.3
145	33.3	25.0	37.6



#68
 1,2,4-trichlorobenzene
 Concen: 0.32 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW018461.D
 Acq: 26 Mar 2021 10:29

Tgt Ion:	180	Resp:	2688
Ion	Ratio	Lower	Upper
180	100		
182	87.8	70.2	105.4
145	29.9	24.9	37.3

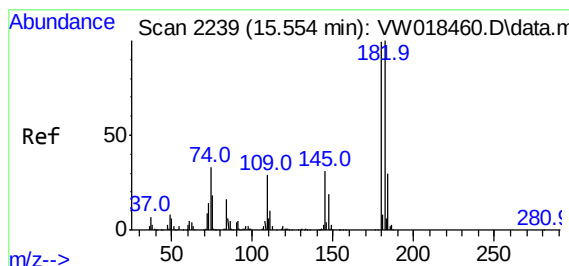
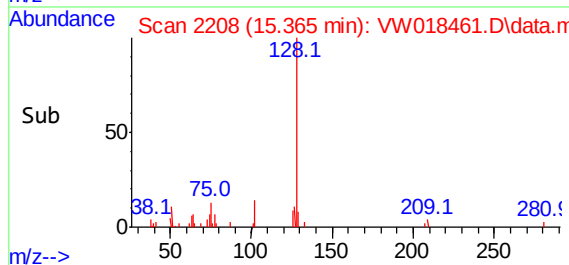
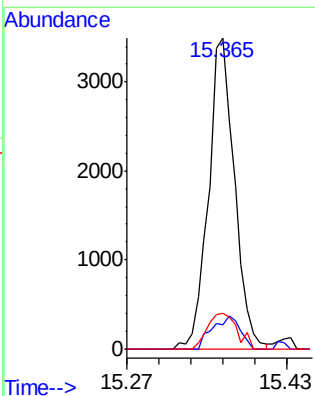
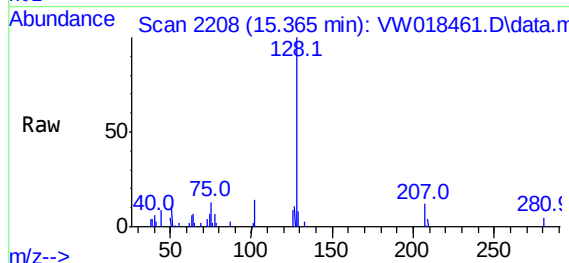




#69
Naphthalene
Concen: 0.35 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018461.D
Acq: 26 Mar 2021 10:29

Instrument :
MSVOA_W
ClientSampleId :
VBLK13

Tgt Ion:128 Resp: 6166
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 0.31 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018461.D
Acq: 26 Mar 2021 10:29

Tgt Ion:180 Resp: 2296
Ion Ratio Lower Upper
180 100
182 101.8 76.5 114.7
145 36.8 27.7 41.5

