

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018421.D
 Acq On : 23 Mar 2021 09:51
 Operator : SY/VA
 Sample : VW0323SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK20

Quant Time: Mar 24 01:24:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

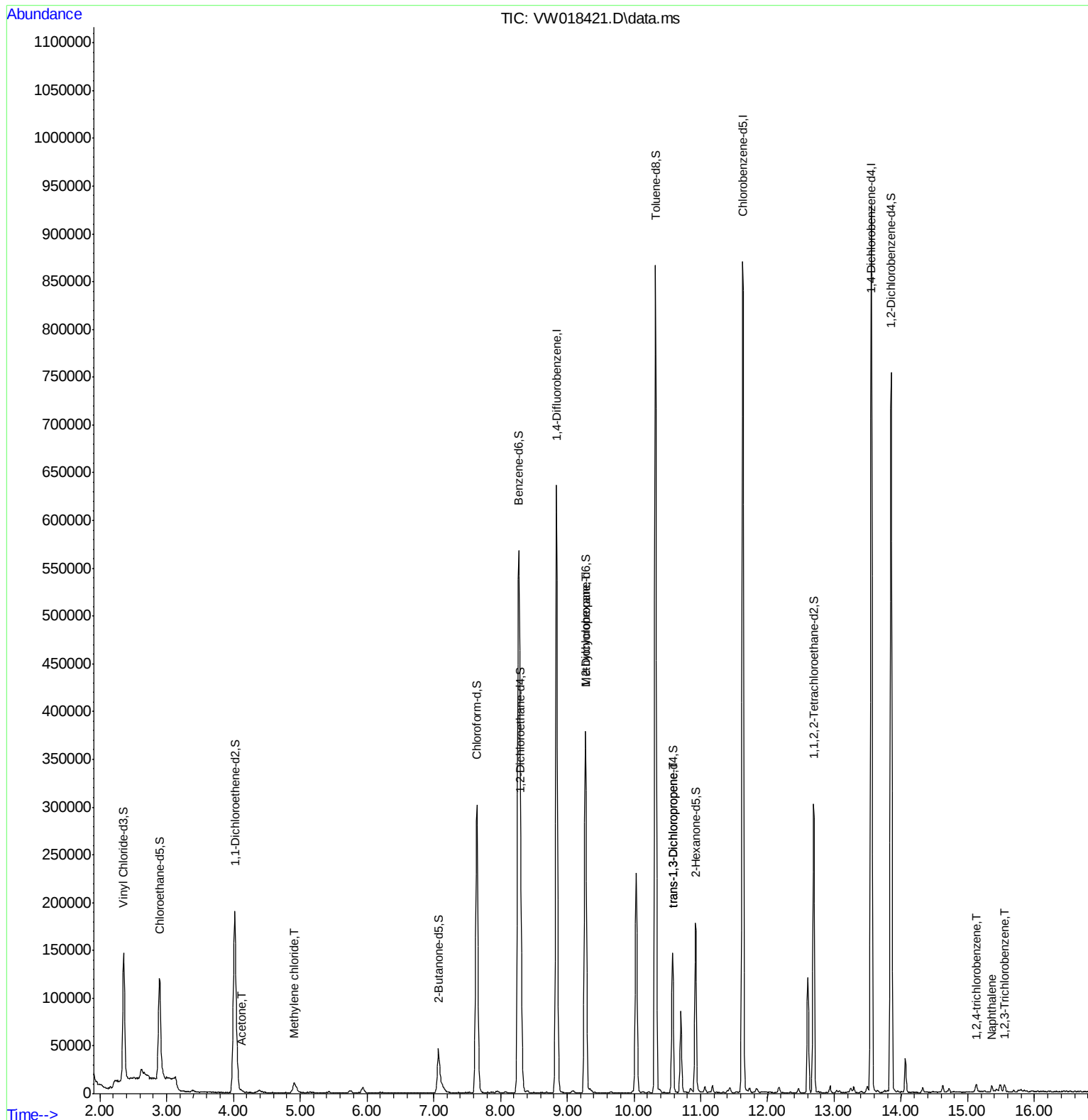
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	528520	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	474499	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	215215	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	159253	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.60%
7) Chloroethane-d5	2.892	69	144017	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
10) 1,1-Dichloroethene-d2	4.019	63	206456	16.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.04%
20) 2-Butanone-d5	7.074	46	74796	45.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.36%
24) Chloroform-d	7.647	84	299434	22.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	8.305	65	179345	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.28%
29) Benzene-d6	8.275	84	588107	23.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.24%
33) 1,2-Dichloropropane-d6	9.275	67	168587	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.68%
37) Toluene-d8	10.323	98	555079	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.40%
38) trans-1,3-Dichloroprop...	10.579	79	81437	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.80%
39) 2-Hexanone-d5	10.921	63	63109	44.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.64%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	142800	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
61) 1,2-Dichlorobenzene-d4	13.853	152	187790	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%
Target Compounds						
13) Acetone	4.123	43	1161	0.99	ug/L	67
16) Methylene chloride	4.909	84	6136	0.71	ug/L	95
36) Methylcyclohexane	9.275	83	43249	3.25	ug/L #	21
45) trans-1,3-Dichloropropene	10.579	75	4710	0.46	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	2568	0.30	ug/L	98
69) Naphthalene	15.359	128	4972	0.28	ug/L #	93
70) 1,2,3-Trichlorobenzene	15.548	180	2384	0.32	ug/L	89

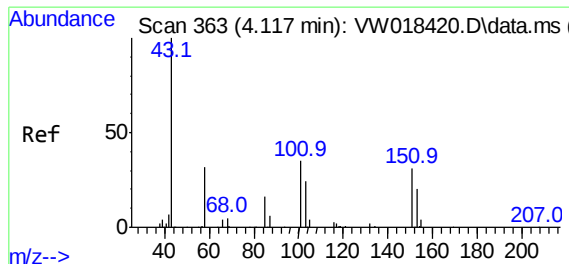
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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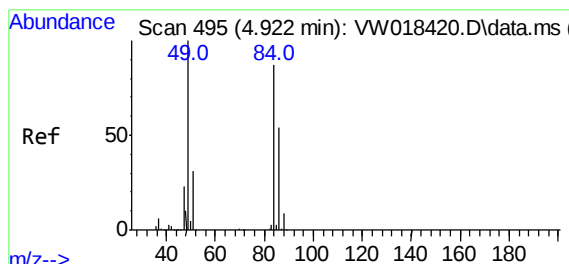
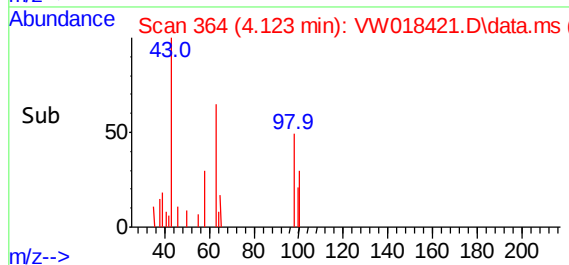
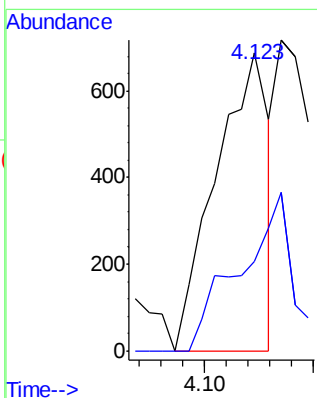
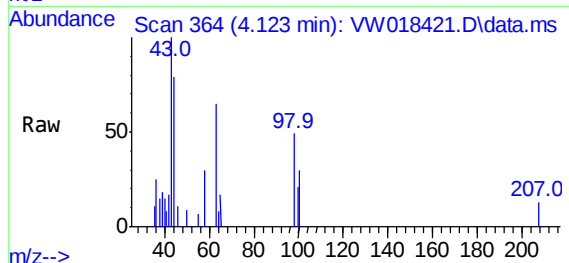




#13
Acetone
Concen: 0.99 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018421.D
Acq: 23 Mar 2021 09:51

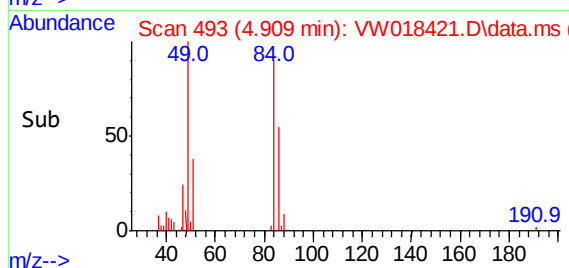
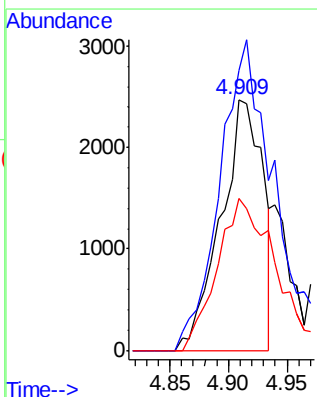
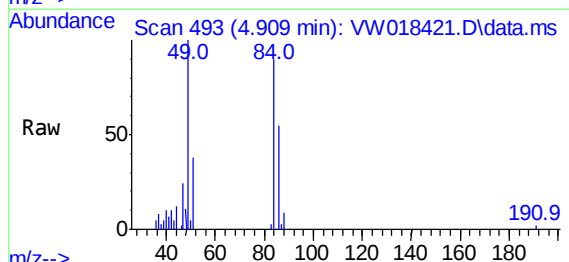
Instrument :
MSVOA_W
ClientSampled :
VBLK20

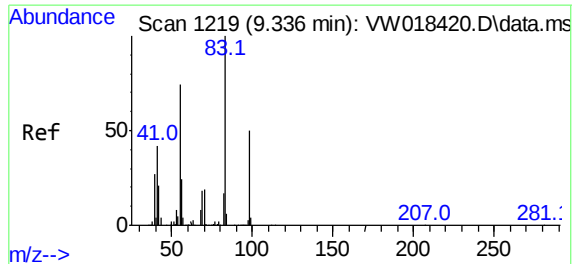
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 13.2 0.0 62.2



#16
Methylene chloride
Concen: 0.71 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW018421.D
Acq: 23 Mar 2021 09:51

Tgt Ion: 84 Resp: 6136
Ion Ratio Lower Upper
84 100
49 111.3 74.4 138.2
86 60.8 46.1 85.7

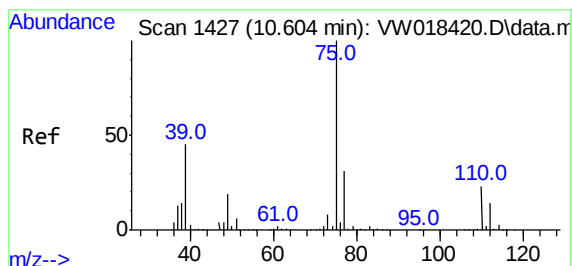
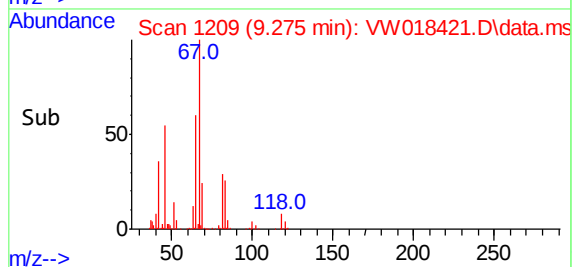
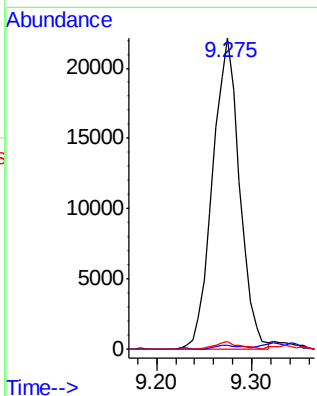
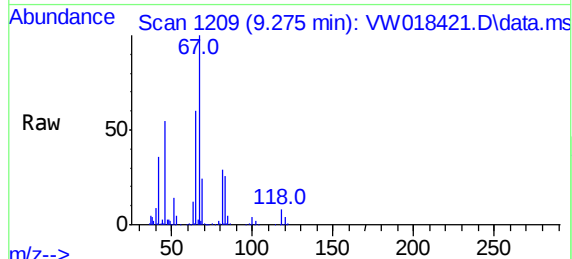




#36
Methylcyclohexane
Concen: 3.25 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018421.D
Acq: 23 Mar 2021 09:51

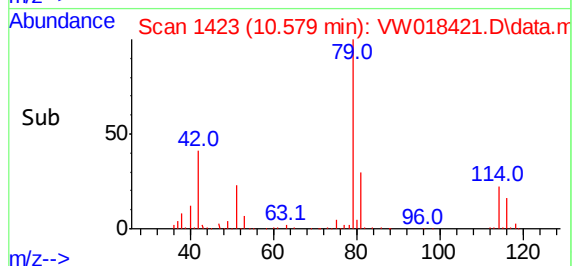
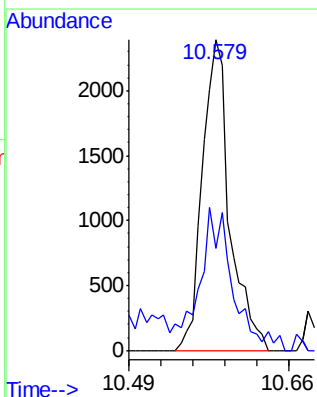
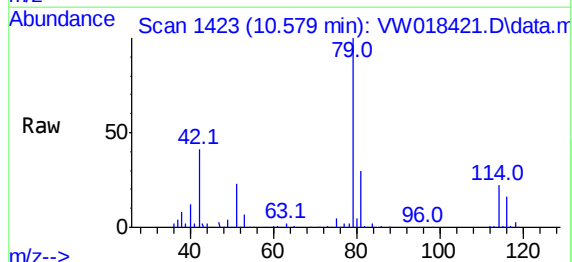
Instrument :
MSVOA_W
ClientSampleId :
VBLK20

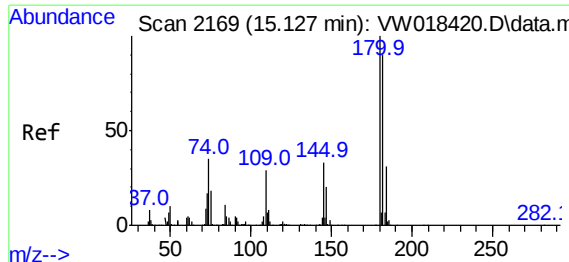
Tgt Ion: 83 Resp: 43249
Ion Ratio Lower Upper
83 100
55 0.9 56.8 85.2#
98 2.0 40.6 61.0#



#45
trans-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018421.D
Acq: 23 Mar 2021 09:51

Tgt Ion: 75 Resp: 4710
Ion Ratio Lower Upper
75 100
77 33.0 22.6 42.0

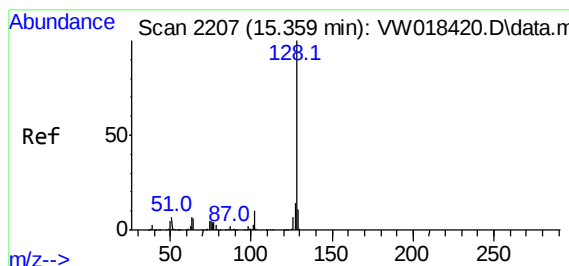
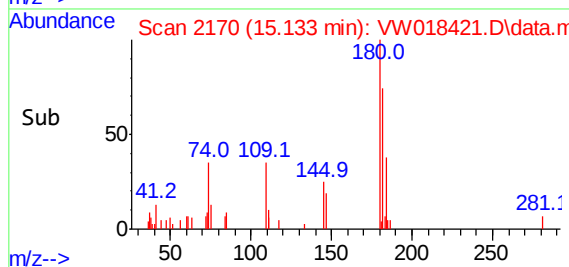
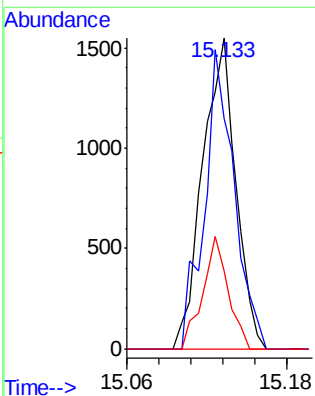
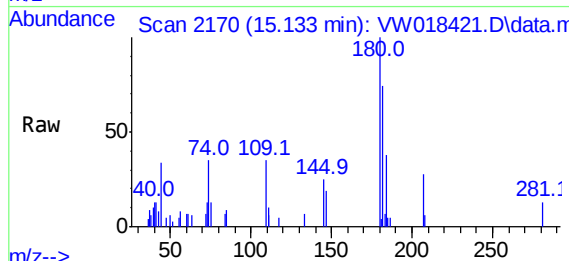




#68
1,2,4-trichlorobenzene
Concen: 0.30 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018421.D
Acq: 23 Mar 2021 09:51

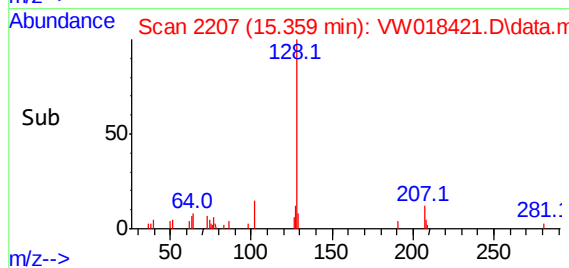
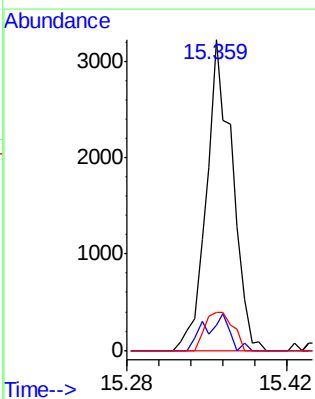
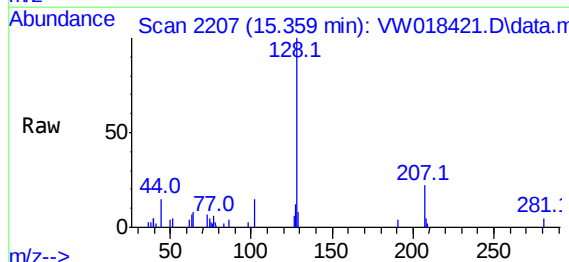
Instrument :
MSVOA_W
ClientSampled :
VBLK20

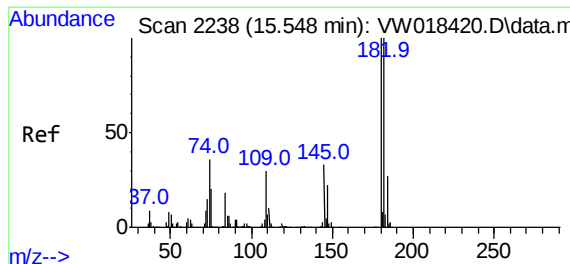
Tgt Ion:180 Resp: 2568
Ion Ratio Lower Upper
180 100
182 86.8 70.2 105.4
145 27.8 24.9 37.3



#69
Naphthalene
Concen: 0.28 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW018421.D
Acq: 23 Mar 2021 09:51

Tgt Ion:128 Resp: 4972
Ion Ratio Lower Upper
128 100
129 6.0 9.1 13.7#
127 13.3 10.7 16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 0.32 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.000 min
 Lab File: VW018421.D
 Acq: 23 Mar 2021 09:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK20

Tgt Ion:	180	Resp:	2384
Ion	Ratio	Lower	Upper
180	100		
182	83.5	76.5	114.7
145	31.5	27.7	41.5

