

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018474.D
 Acq On : 29 Mar 2021 09:33
 Operator : SY/VA
 Sample : VW0329SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK14

Quant Time: Mar 30 03:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

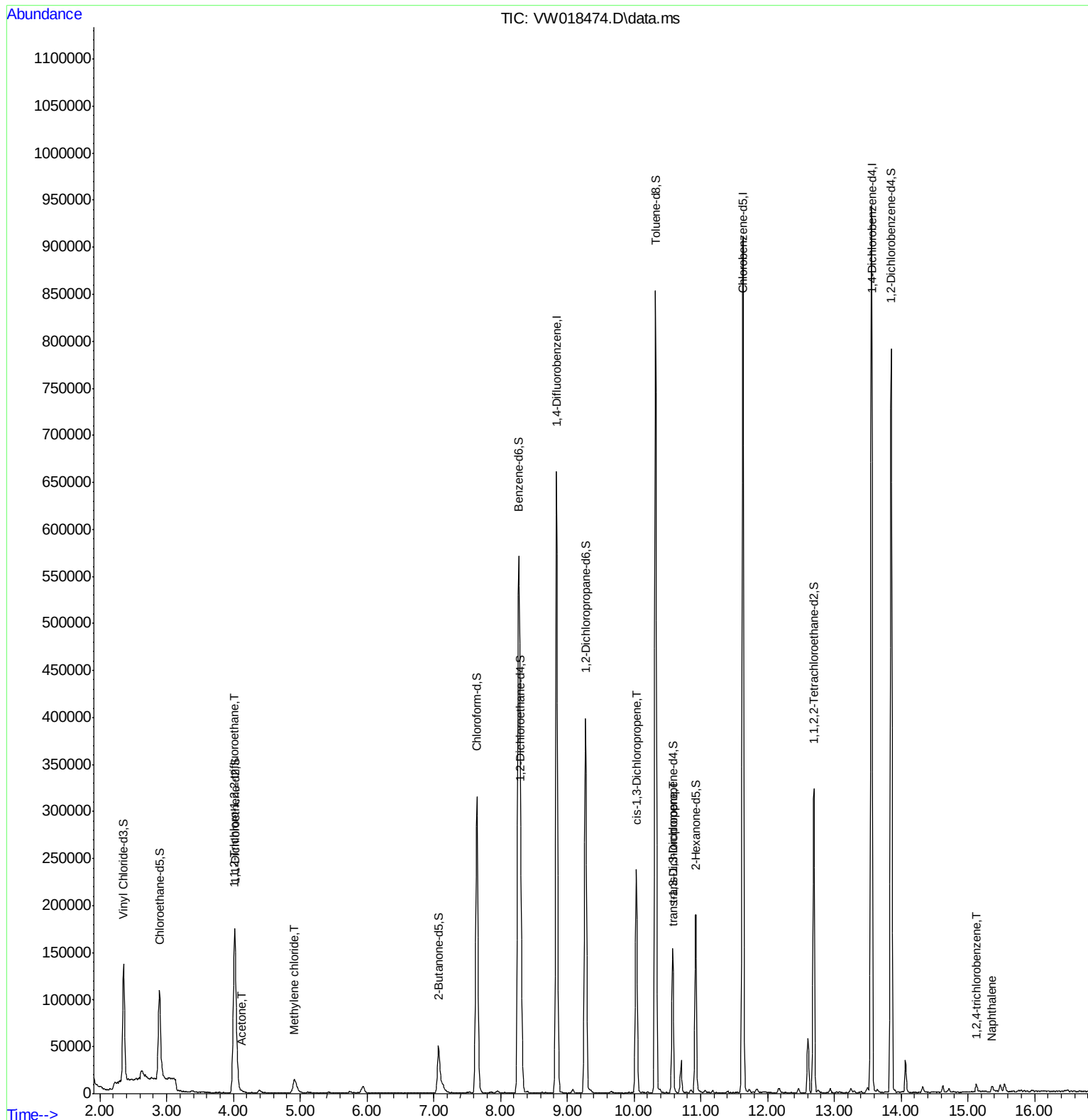
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	547261	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	497600	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	239924	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143151	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
7) Chloroethane-d5	2.891	69	128120	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.88%
10) 1,1-Dichloroethene-d2	4.019	63	192820	14.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.64%
20) 2-Butanone-d5	7.073	46	80099	47.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.48%
24) Chloroform-d	7.646	84	312302	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	8.305	65	185228	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.04%
29) Benzene-d6	8.274	84	590850	22.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.36%
33) 1,2-Dichloropropane-d6	9.274	67	175748	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.12%
37) Toluene-d8	10.323	98	558471	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloroprop...	10.579	79	84195	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.920	63	68294	45.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.46%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	152921	22.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.60%
61) 1,2-Dichlorobenzene-d4	13.853	152	192053	22.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.08%
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.013	101	1888	0.28	ug/L #	22
13) Acetone	4.123	43	1595	1.31	ug/L	78
16) Methylene chloride	4.915	84	12804	1.43	ug/L	84
42) cis-1,3-Dichloropropene	10.036	75	7063	0.59	ug/L	96
45) trans-1,3-Dichloropropene	10.585	75	4952	0.46	ug/L	90
68) 1,2,4-trichlorobenzene	15.127	180	2359	0.25	ug/L	99
69) Naphthalene	15.359	128	5382	0.27	ug/L #	93

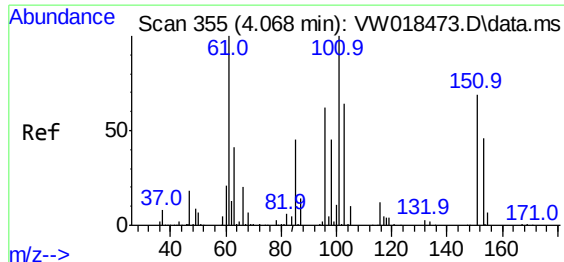
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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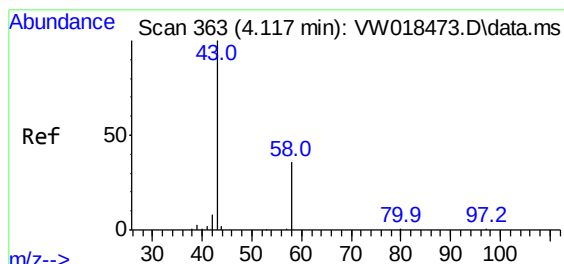
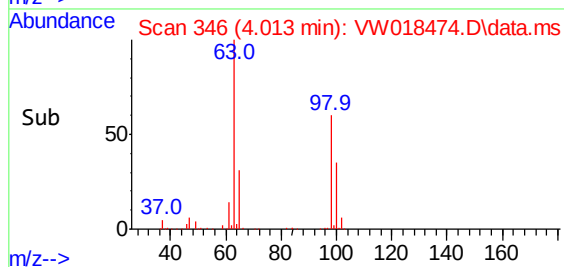
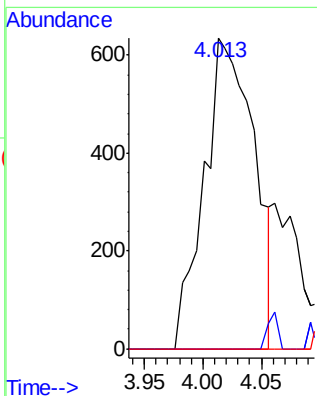
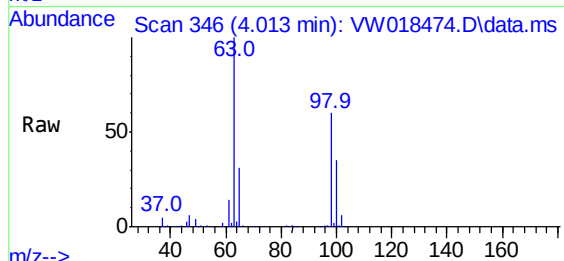




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.28 ug/L
 RT: 4.013 min Scan# 346
 Delta R.T. -0.055 min
 Lab File: VW018474.D
 Acq: 29 Mar 2021 09:33

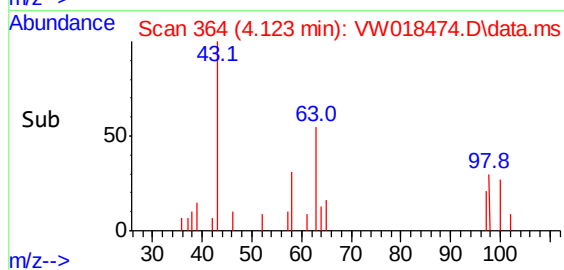
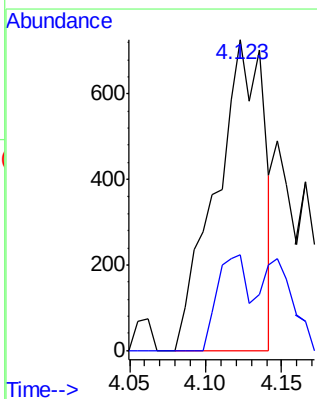
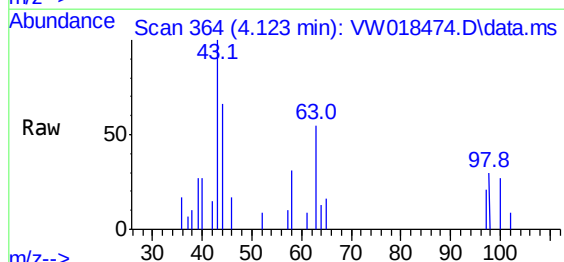
Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK14

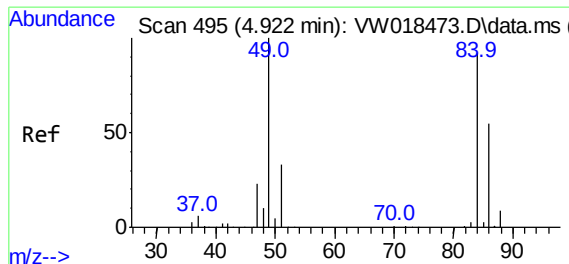
Tgt Ion:101 Resp: 1888
 Ion Ratio Lower Upper
 101 100
 85 2.5 35.6 53.4#
 151 0.0 58.1 87.1#



#13
 Acetone
 Concen: 1.31 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018474.D
 Acq: 29 Mar 2021 09:33

Tgt Ion: 43 Resp: 1595
 Ion Ratio Lower Upper
 43 100
 58 19.2 0.0 62.2



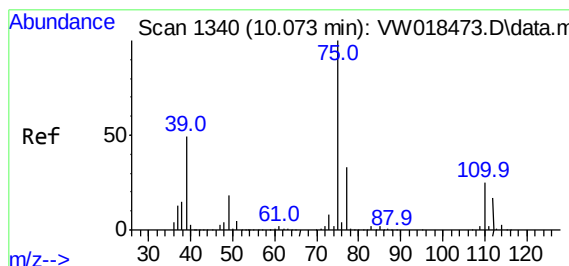
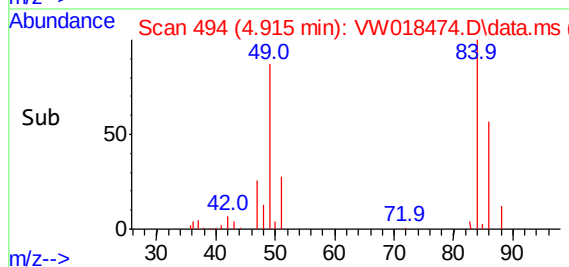
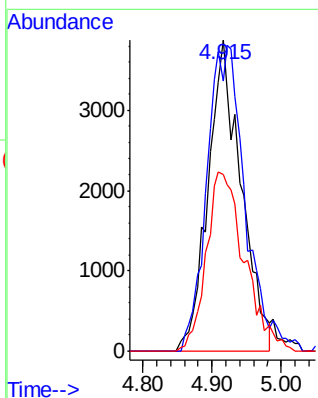
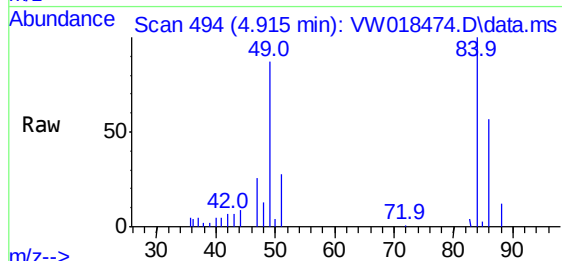


#16
Methylene chloride
Concen: 1.43 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018474.D
Acq: 29 Mar 2021 09:33

Instrument :
MSVOA_W
ClientSampleId :
VBLK14

Tgt Ion: 84 Resp: 12804

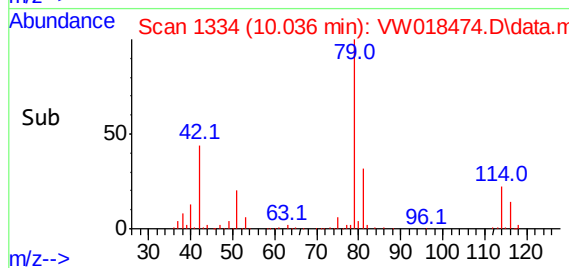
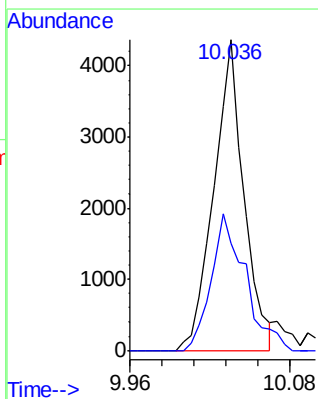
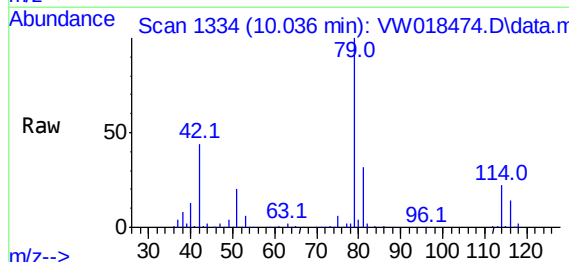
Ion	Ratio	Lower	Upper
84	100		
49	86.7	74.4	138.2
86	56.8	46.1	85.7

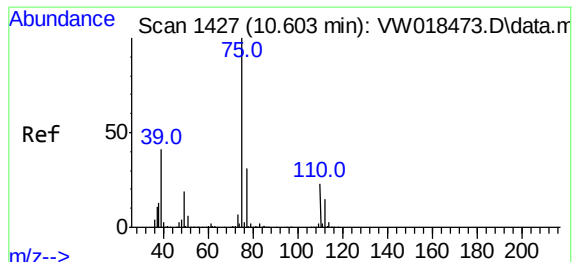


#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018474.D
Acq: 29 Mar 2021 09:33

Tgt Ion: 75 Resp: 7063

Ion	Ratio	Lower	Upper
75	100		
77	34.4	22.4	41.6

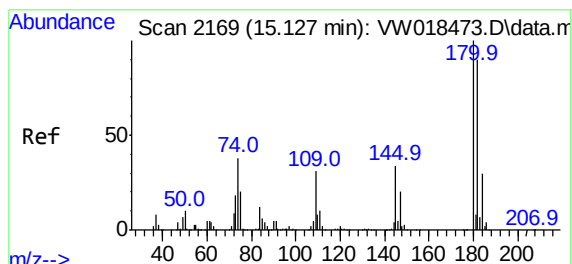
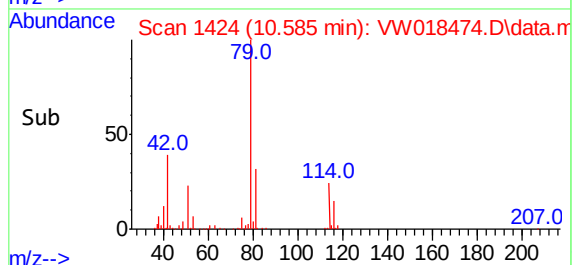
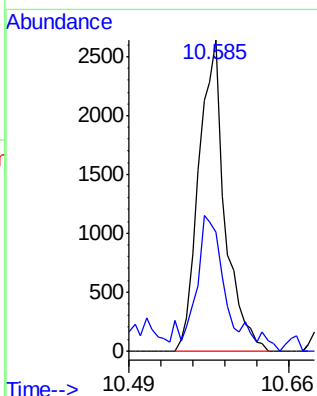
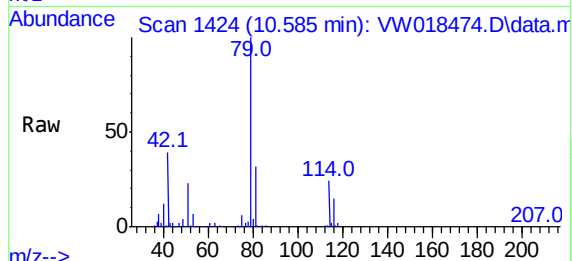




#45
trans-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018474.D
Acq: 29 Mar 2021 09:33

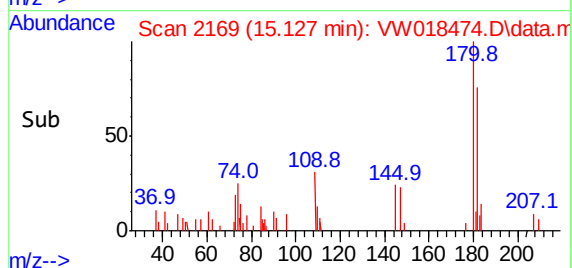
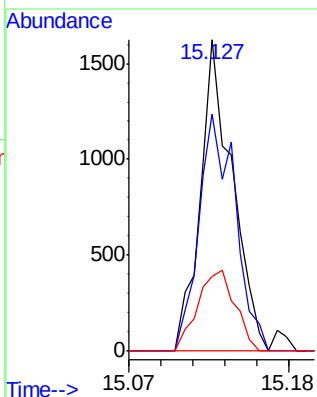
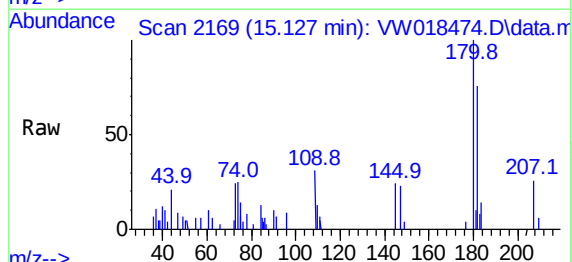
Instrument :
MSVOA_W
ClientSampled :
VBLK14

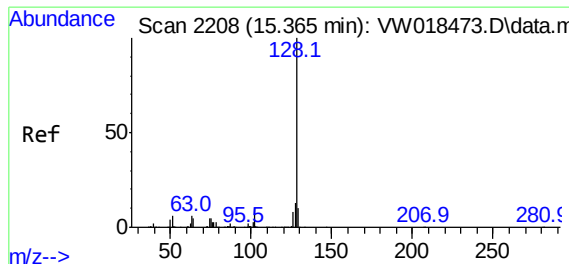
Tgt Ion: 75 Resp: 4952
Ion Ratio Lower Upper
75 100
77 38.1 22.6 42.0



#68
1,2,4-trichlorobenzene
Concen: 0.25 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018474.D
Acq: 29 Mar 2021 09:33

Tgt Ion: 180 Resp: 2359
Ion Ratio Lower Upper
180 100
182 86.8 70.2 105.4
145 30.1 24.9 37.3





#69
Naphthalene
Concen: 0.27 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018474.D
Acq: 29 Mar 2021 09:33

Instrument :
MSVOA_W
ClientSampleId :
VBLK14

Tgt Ion:128 Resp: 5382
Ion Ratio Lower Upper
128 100
129 7.1 9.1 13.7#
127 14.7 10.7 16.1

