

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016677.D
 Acq On : 28 Sep 2020 19:16
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Sep 29 05:30:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	760932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	658551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	327220	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	84798	11.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.04%
7) Chloroethane-d5	2.90	69	79140	13.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.64%
10) 1,1-Dichloroethene-d2	4.03	63	154394	9.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.52%#
20) 2-Butanone-d5	7.09	46	65998	32.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.74%
24) Chloroform-d	7.65	84	281211	17.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.68%
26) 1,2-Dichloroethane-d4	8.31	65	143782	17.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.40%
29) Benzene-d6	8.28	84	494793	16.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.00%
33) 1,2-Dichloropropane-d6	9.28	67	146205	18.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.08%
37) Toluene-d8	10.33	98	459256	15.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.24%
38) trans-1,3-Dichloropropene-	10.58	79	65354	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.80%
39) 2-Hexanone-d5	10.93	63	54885	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126887	18.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	203225	19.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.76%

Target Compounds

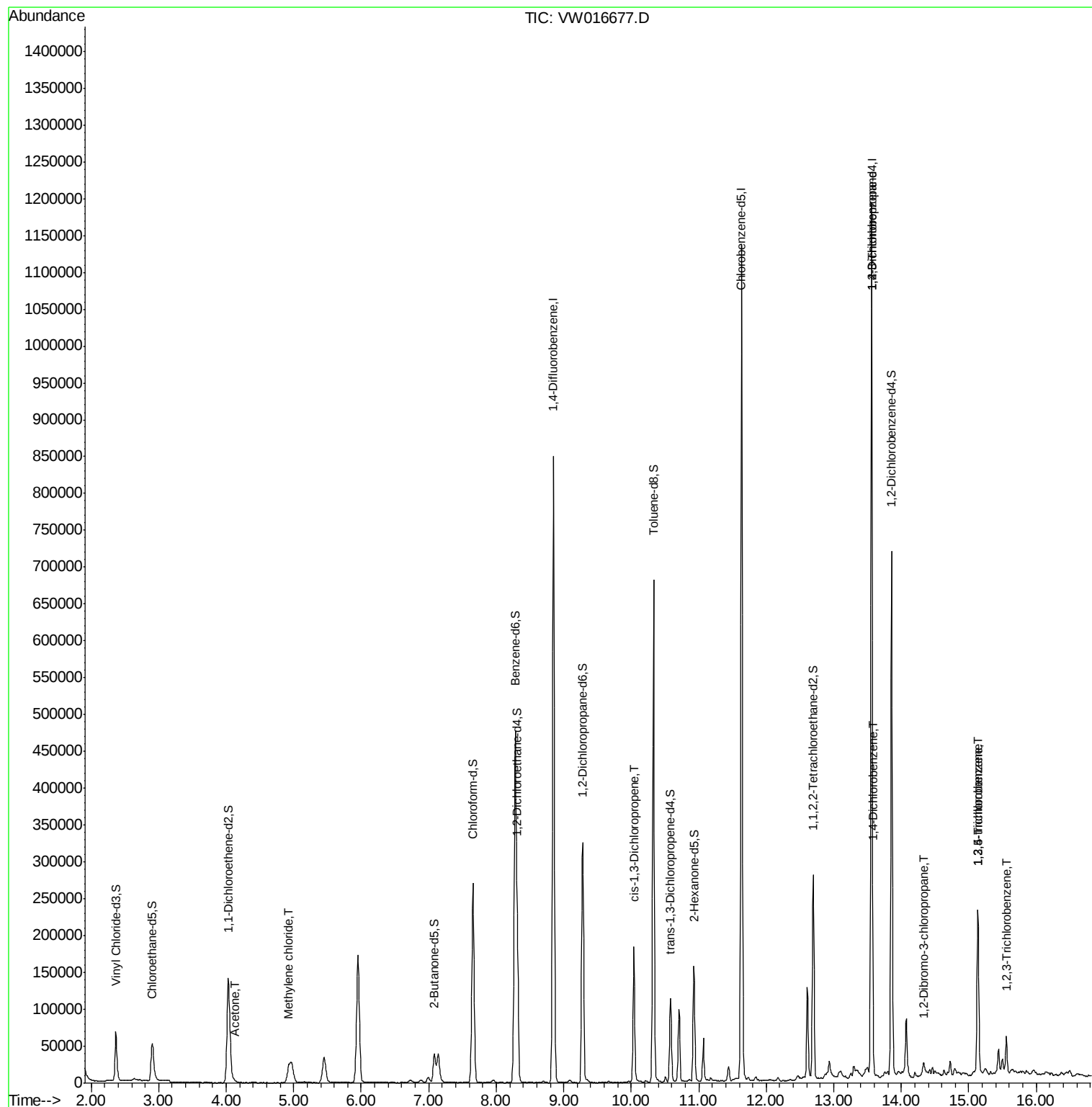
					Ovalue
13) Acetone	4.14	43	3028	1.925 ug/L	83
16) Methylene chloride	4.93	84	18851	1.606 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5631	0.402 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	35873	6.227 ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	9585	0.460 ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.33	75	1159	0.850 ug/L #	23
67) 1,3,5-Trichlorobenzene	15.14	180	75545	4.853 ug/L	94
68) 1,2,4-trichlorobenzene	15.14	180	75545	6.000 ug/L	94
70) 1,2,3-Trichlorobenzene	15.55	180	14036	1.296 ug/L	97

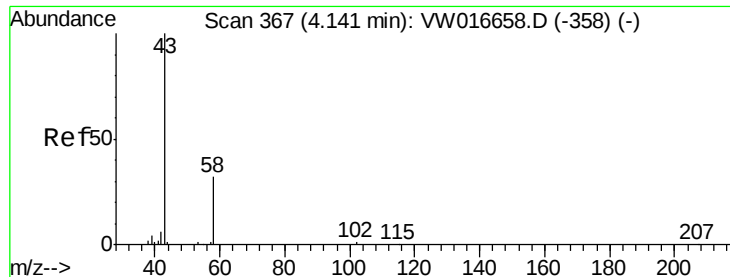
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 29 05:26:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.925 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016677.D

Acq: 28 Sep 2020 19:16

Instrument :

MSVOA_W

ClientSampled :

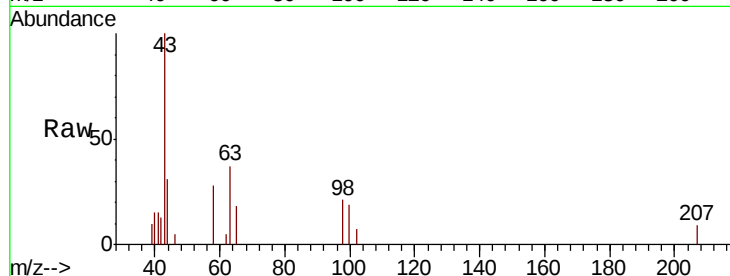
VIBLK

Tot Ion: 43 Resp: 3028

Ion Ratio Lower Upper

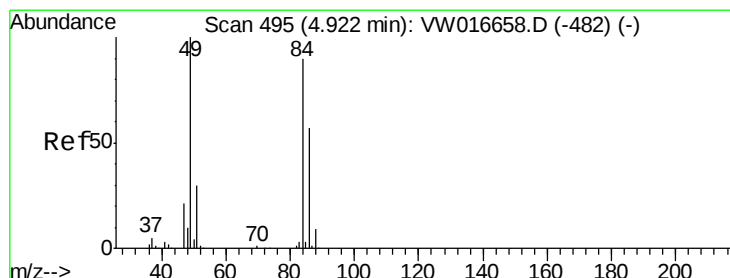
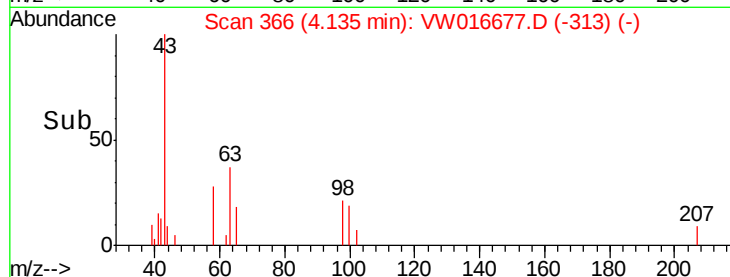
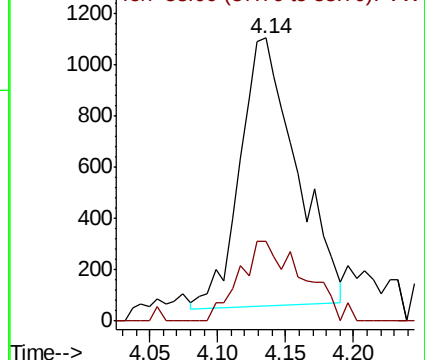
43 100

58 21.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.606 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016677.D

Acq: 28 Sep 2020 19:16

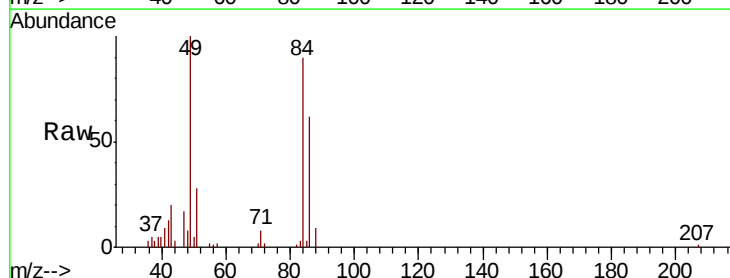
Tgt Ion: 84 Resp: 18851

Ion Ratio Lower Upper

84 100

49 110.8 76.0 141.2

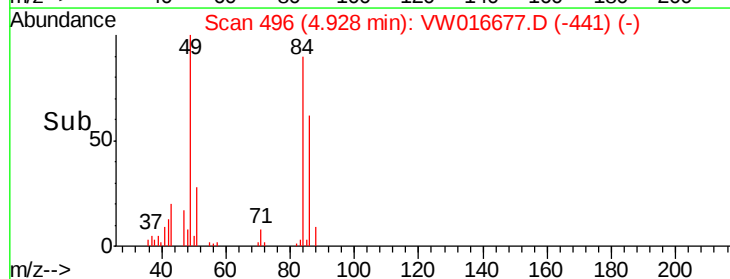
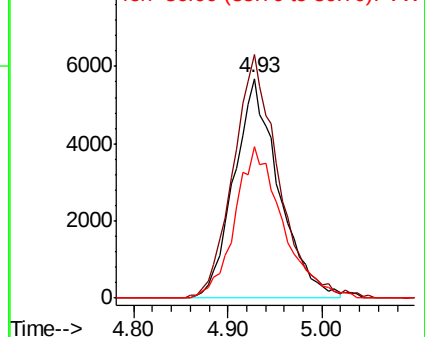
86 68.7 45.6 84.6

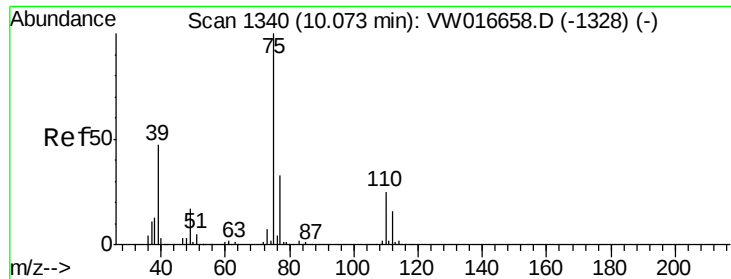


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.402 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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ClientSampleId :

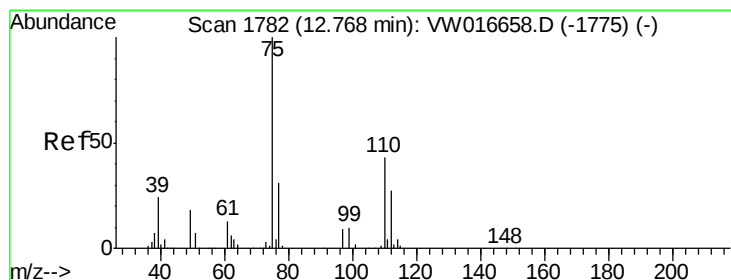
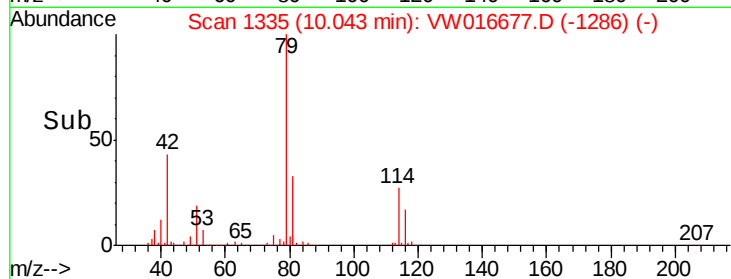
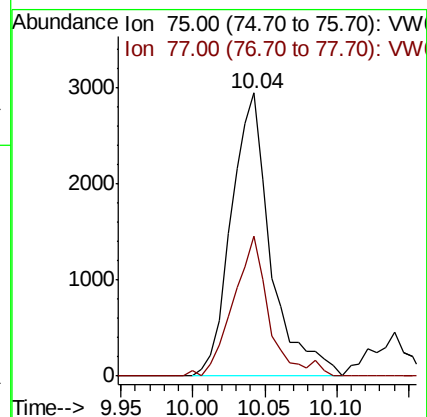
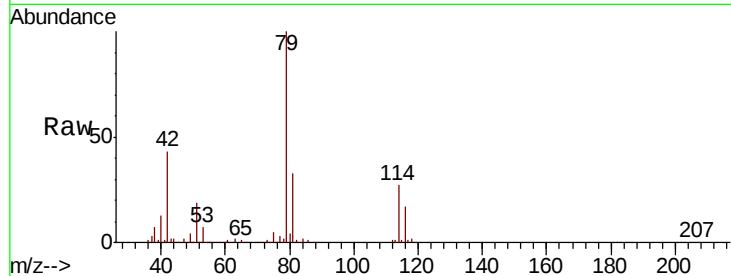
VIBLK

Tot Ion: 75 Resp: 5631

Ion Ratio Lower Upper

75 100

77 49.6 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 6.227 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016677.D

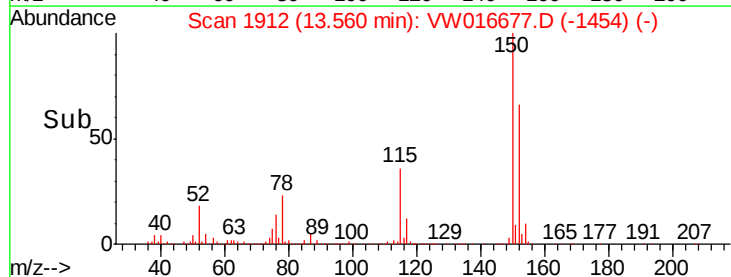
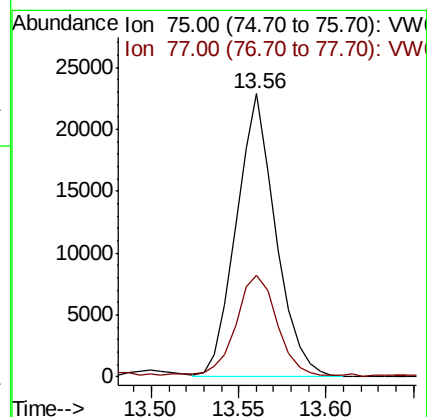
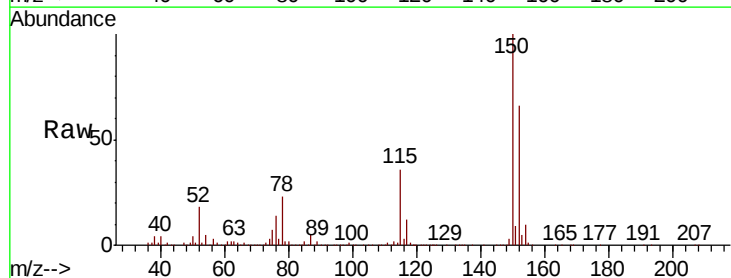
Acq: 28 Sep 2020 19:16

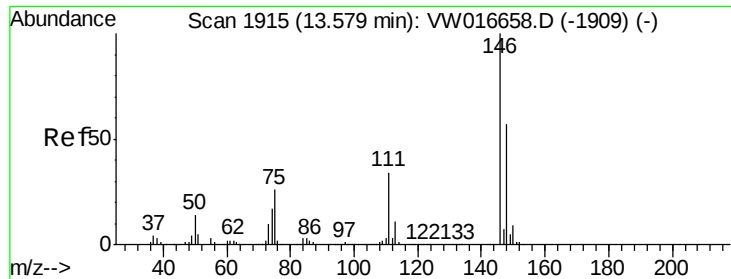
Tgt Ion: 75 Resp: 35873

Ion Ratio Lower Upper

75 100

77 36.4 26.2 39.4

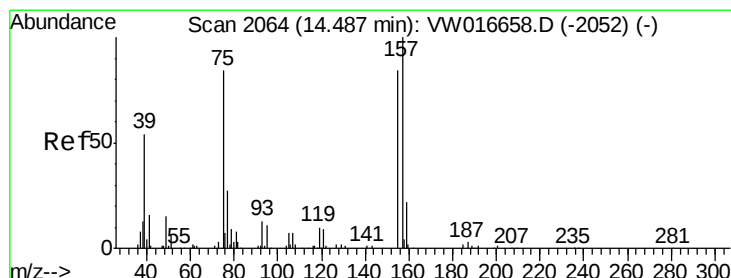
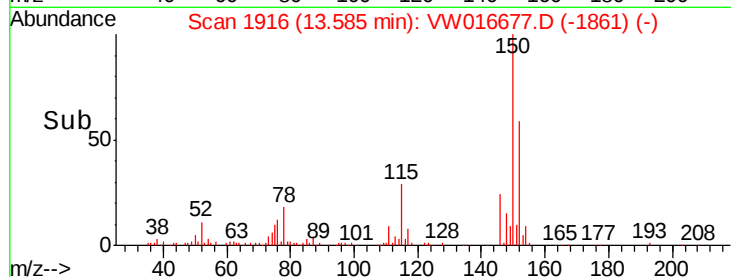
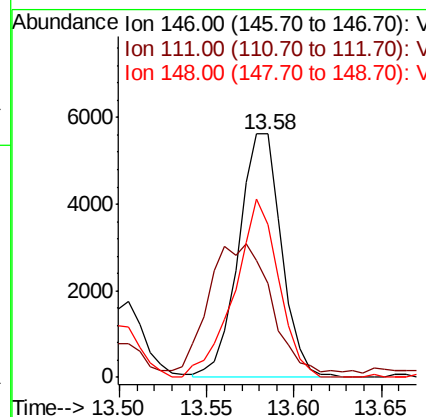
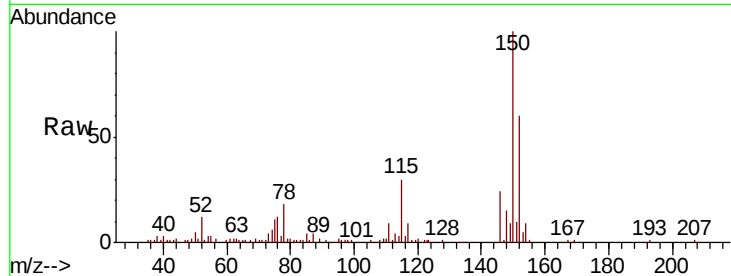




#64
 1,4-Dichlorobenzene
 Concen: 0.460 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW016677.D
 Acq: 28 Sep 2020 19:16

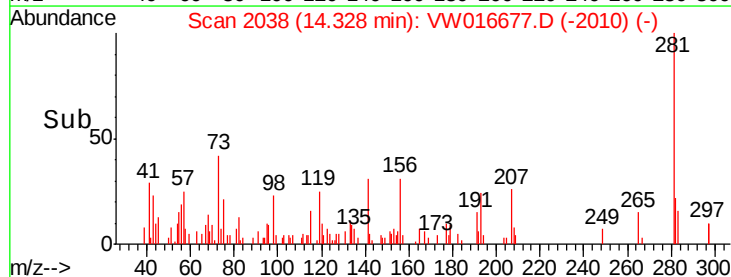
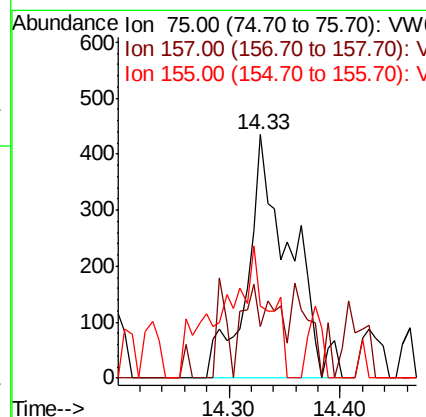
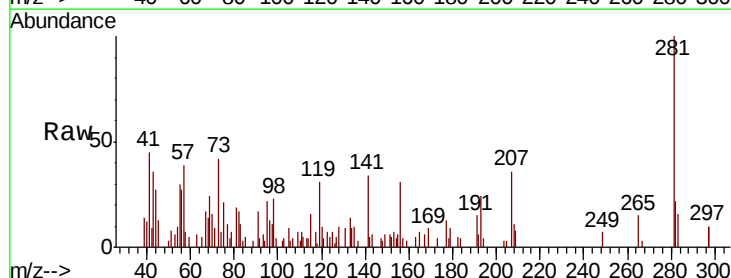
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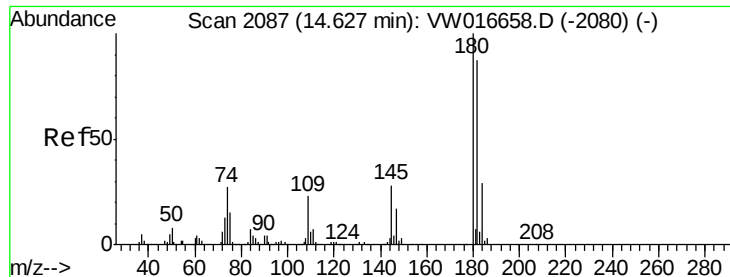
Tot Ion:146 Resp: 9585
 Ion Ratio Lower Upper
 146 100
 111 38.4 25.1 46.5
 148 62.8 42.3 78.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.850 ug/L
 RT: 14.33 min Scan# 2038
 Delta R.T. -0.16 min
 Lab File: VW016677.D
 Acq: 28 Sep 2020 19:16

Tgt Ion: 75 Resp: 1159
 Ion Ratio Lower Upper
 75 100
 157 21.1 92.2 138.4#
 155 29.4 73.5 110.3#

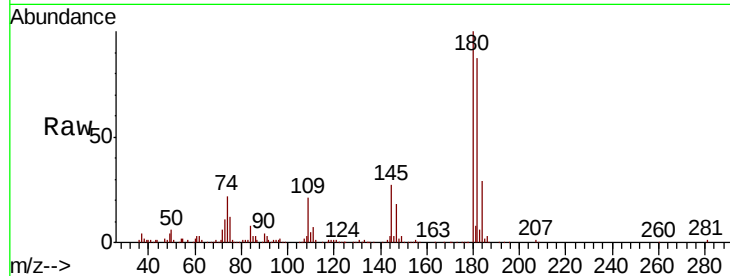




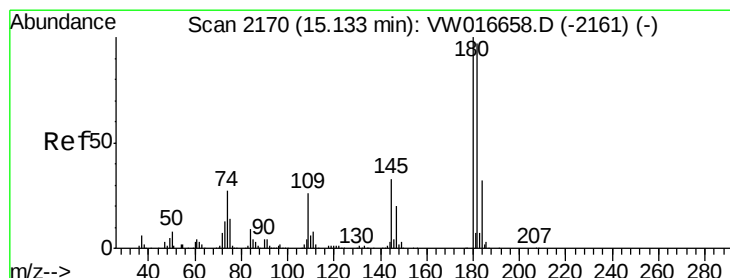
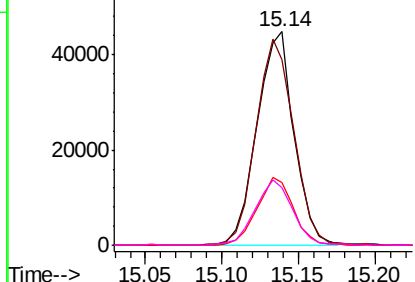
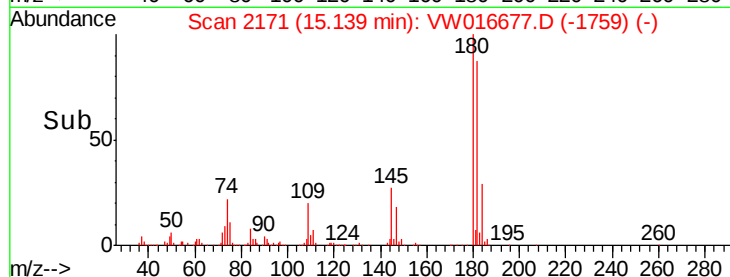
#67
 1,3,5-Trichlorobenzene
 Concen: 4.853 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.51 min
 Lab File: VW016677.D
 Acq: 28 Sep 2020 19:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Tot Ion	180	Resp	75545
Ion Ratio	100	Lower	Upper
180	100		
182	98.8	73.8	110.8
184	31.5	23.7	35.5
145	31.2	22.8	34.2

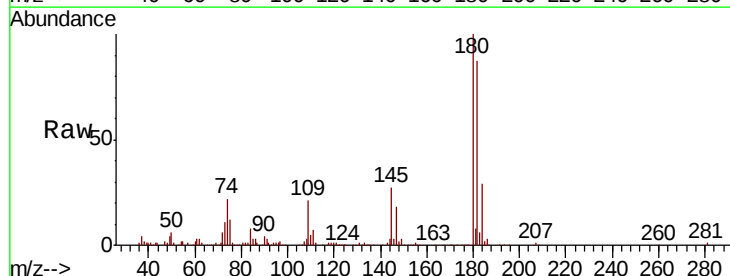


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

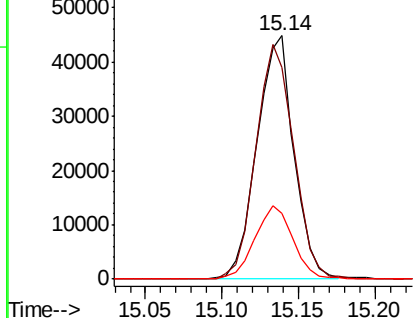
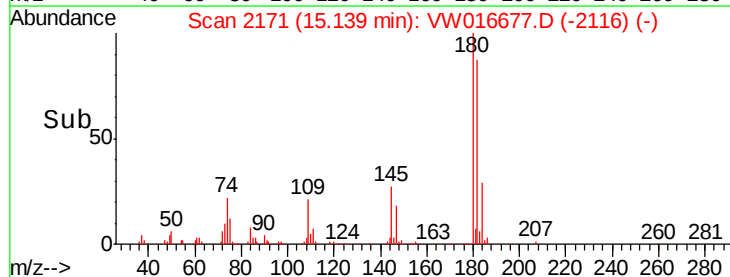


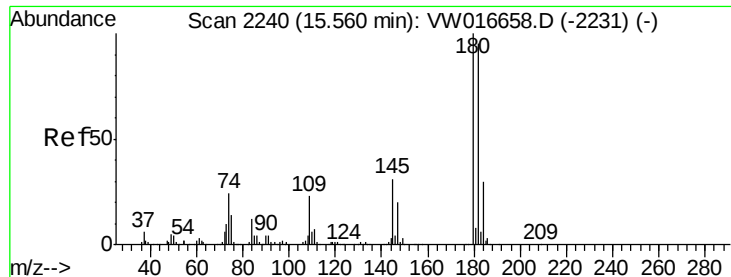
#68
 1,2,4-trichlorobenzene
 Concen: 6.000 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016677.D
 Acq: 28 Sep 2020 19:16

Tgt Ion	180	Resp	75545
Ion Ratio	100	Lower	Upper
180	100		
182	98.8	74.5	111.7
145	31.2	23.1	34.7



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 1.296 ug/L
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: VW016677.D
 Acq: 28 Sep 2020 19:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.3	114.5
145	32.8	24.1	36.1

