

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016665.D
 Acq On : 28 Sep 2020 13:25
 Operator : SY/VA
 Sample : L4171-04
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y6

Quant Time: Sep 29 05:28:32 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	774804	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	682353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	342914	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	152141	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
7) Chloroethane-d5	2.90	69	138356	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	4.03	63	256826	15.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.28%
20) 2-Butanone-d5	7.09	46	80038	39.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.28%
24) Chloroform-d	7.65	84	392882	24.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	8.31	65	201033	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
29) Benzene-d6	8.28	84	770950	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	9.28	67	216670	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.52%
37) Toluene-d8	10.33	98	746229	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.16%
38) trans-1,3-Dichloropropene-	10.58	79	92682	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.93	63	67071	44.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160315	22.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	278081	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%

Target Compounds

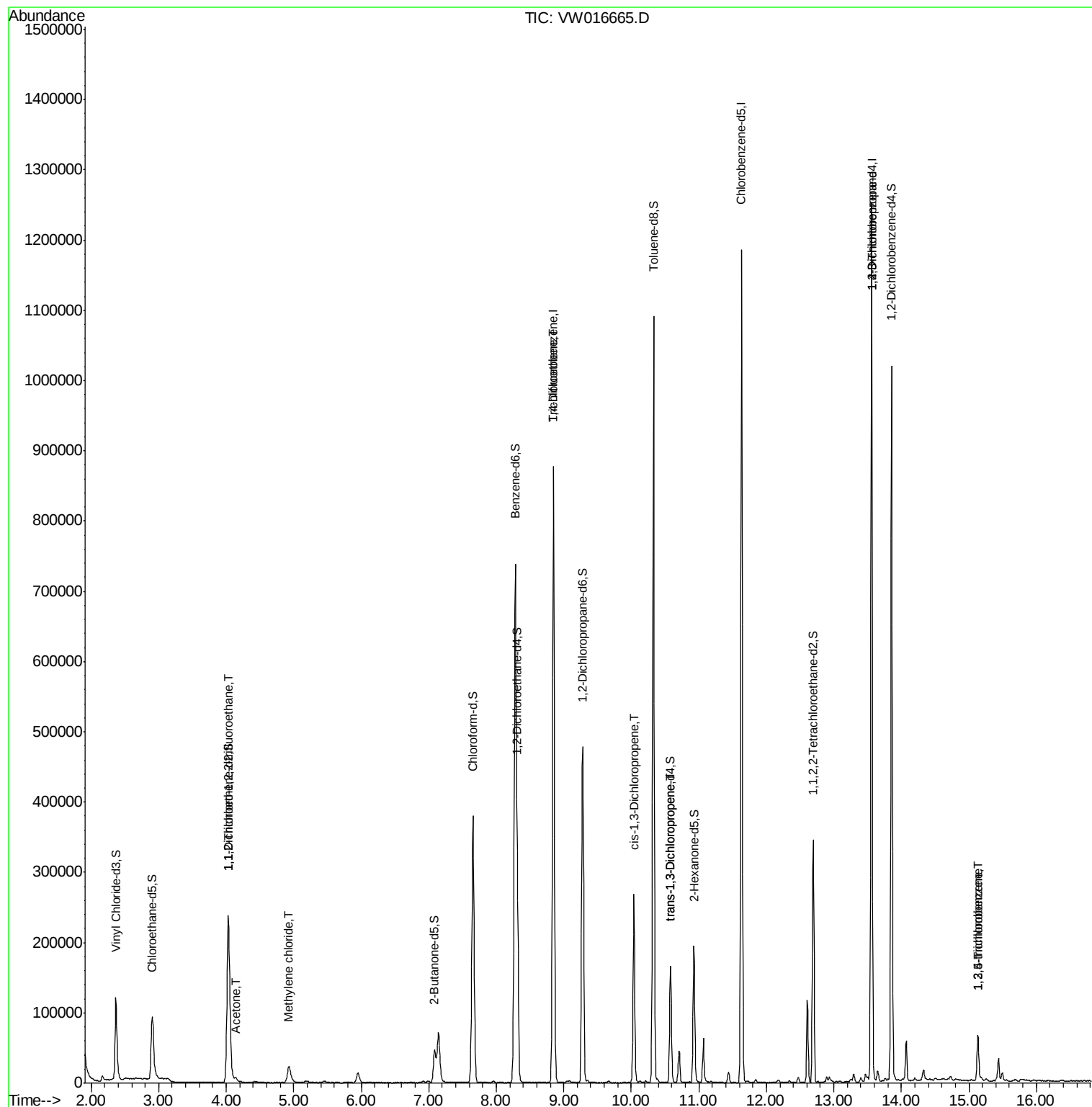
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2642	0.265 ug/L #	17
13) Acetone	4.14	43	10095	6.303 ug/L	92
16) Methylene chloride	4.92	84	10471	0.876 ug/L	93
35) Trichloroethene	8.85	95	22559	2.132 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	7023	0.483 ug/L #	55
45) trans-1,3-Dichloropropene	10.59	75	4270	0.338 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	35194	5.896 ug/L	89
67) 1,3,5-Trichlorobenzene	15.13	180	21573	1.322 ug/L	93
68) 1,2,4-trichlorobenzene	15.13	180	21573	1.635 ug/L	94

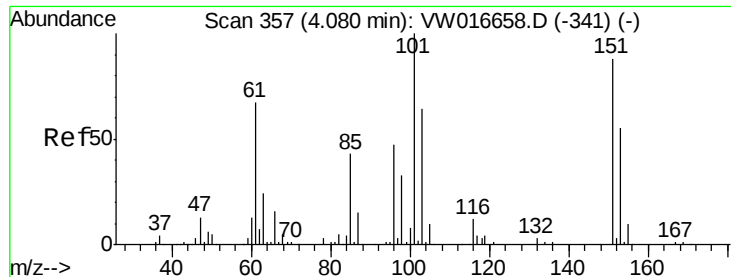
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Sep 29 05:26:53 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.265 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.05 min

Lab File: VW016665.D

Acq: 28 Sep 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

BG3Y6

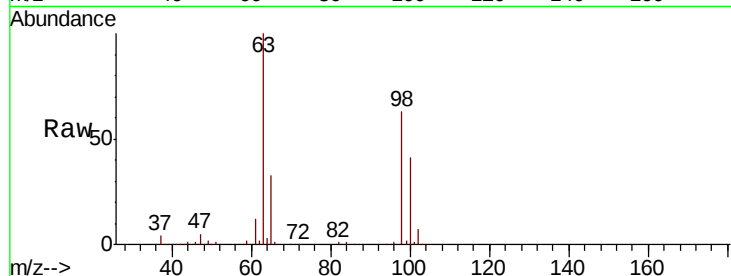
Tot Ion:101 Resp: 2642

Ion Ratio Lower Upper

101 100

85 0.0 32.6 49.0#

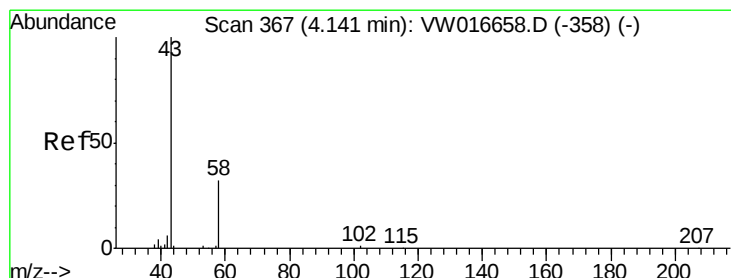
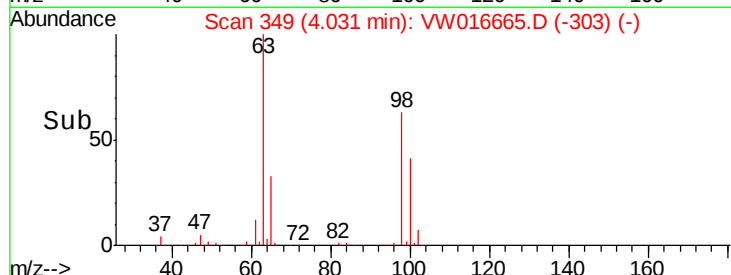
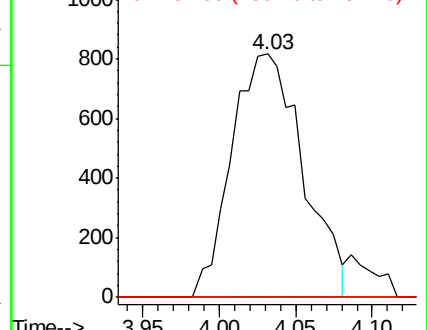
151 0.0 66.0 99.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.303 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016665.D

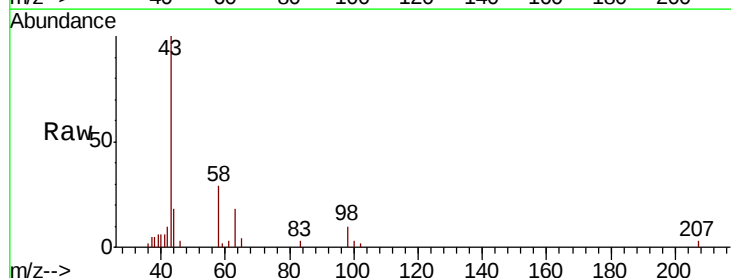
Acq: 28 Sep 2020 13:25

Tgt Ion: 43 Resp: 10095

Ion Ratio Lower Upper

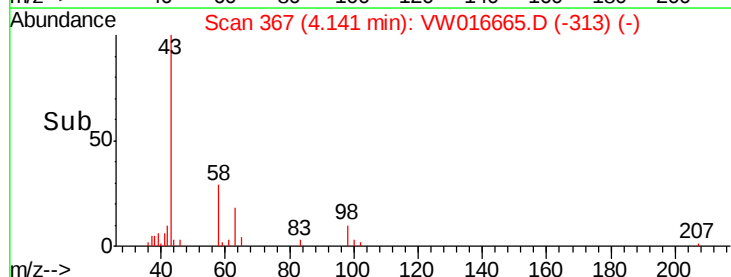
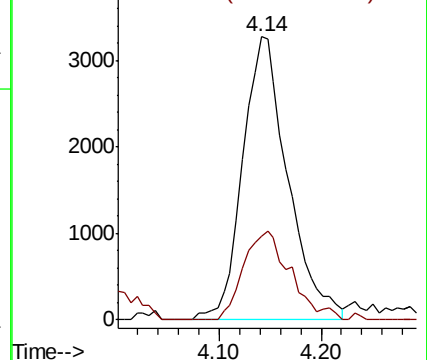
43 100

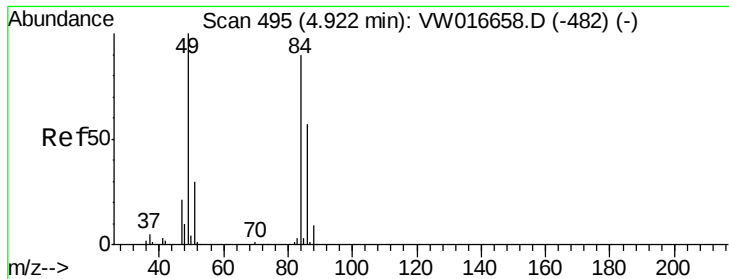
58 25.8 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

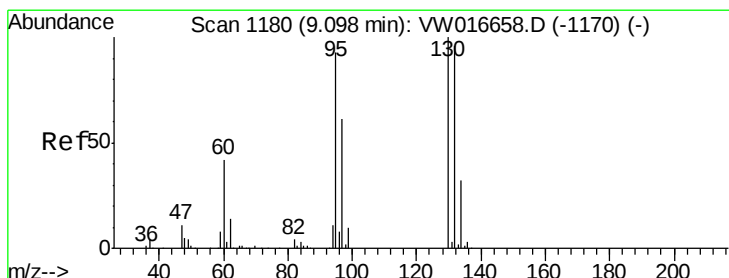
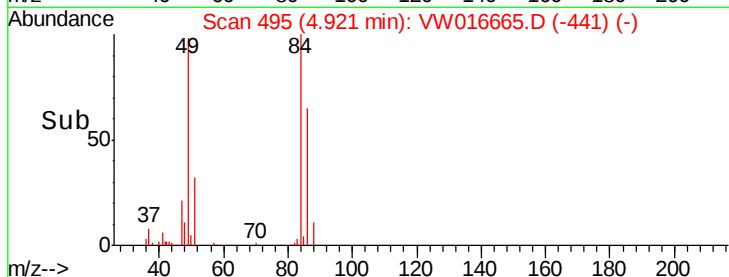
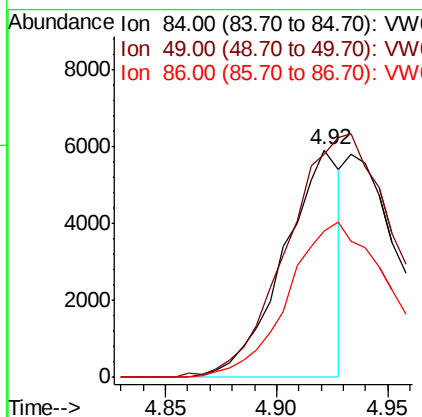
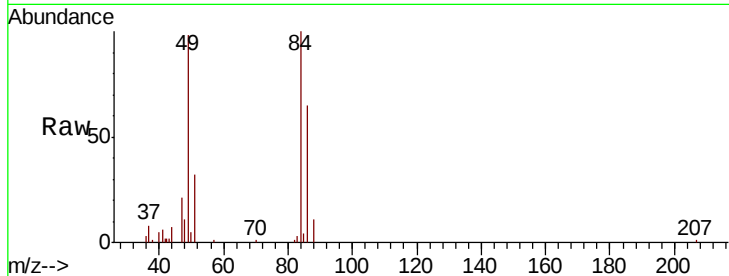




#16
Methvlene chloride
Concen: 0.876 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016665.D
Acq: 28 Sep 2020 13:25

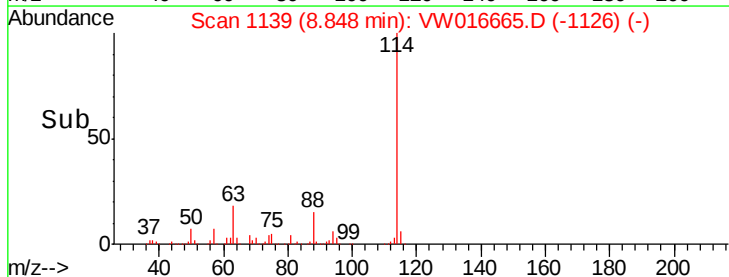
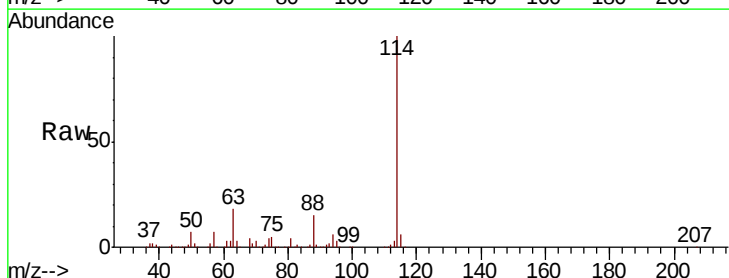
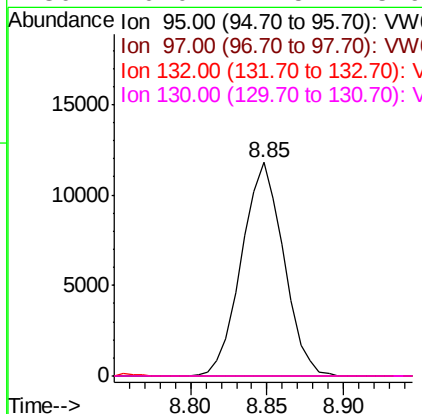
Instrument :
MSVOA_W
ClientSampleId :
BG3Y6

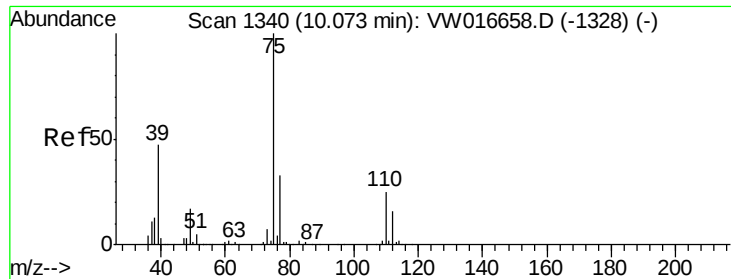
Tot Ion: 84 Resp: 10471
Ion Ratio Lower Upper
84 100
49 97.8 76.0 141.2
86 64.6 45.6 84.6



#35
Trichloroethene
Concen: 2.132 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016665.D
Acq: 28 Sep 2020 13:25

Tgt Ion: 95 Resp: 22559
Ion Ratio Lower Upper
95 100
97 0.0 45.2 84.0#
132 0.0 73.3 136.1#
130 0.0 77.5 143.9#





#42

cis-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016665.D

Acq: 28 Sep 2020 13:25

Instrument :

MSVOA_W

ClientSampled :

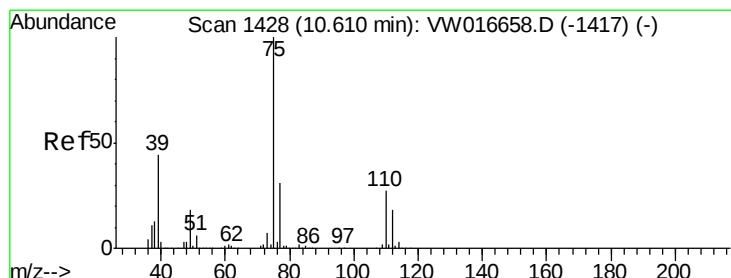
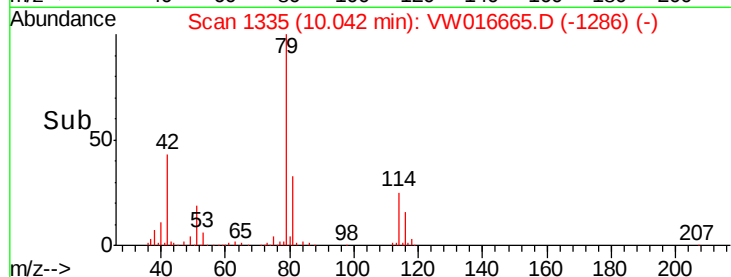
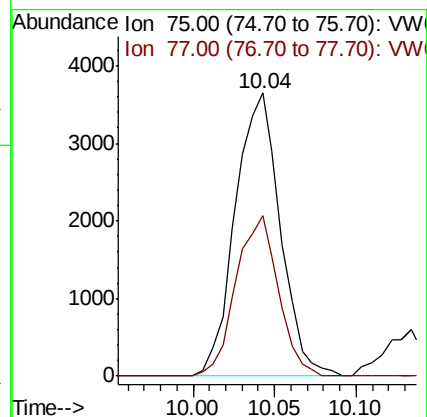
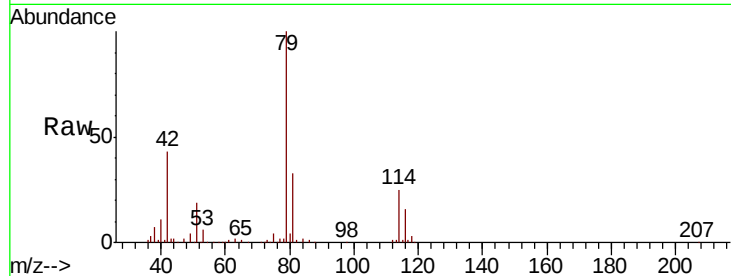
BG3Y6

Tot Ion: 75 Resp: 7023

Ion Ratio Lower Upper

75 100

77 56.5 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.338 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016665.D

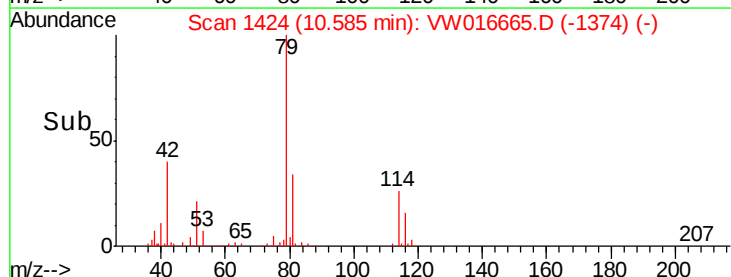
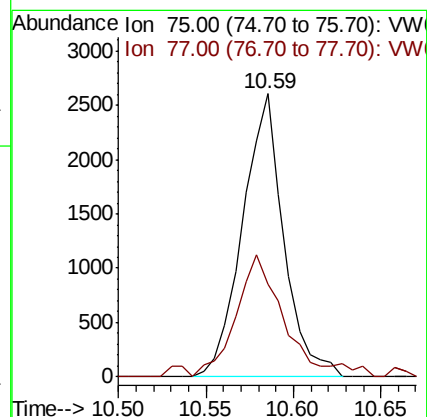
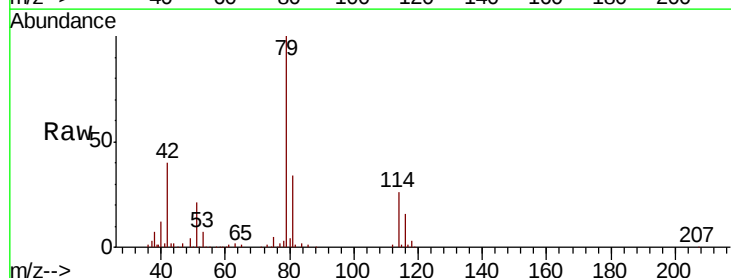
Acq: 28 Sep 2020 13:25

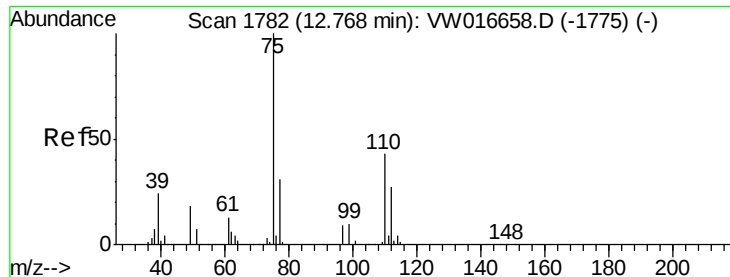
Tgt Ion: 75 Resp: 4270

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.896 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016665.D

Acq: 28 Sep 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

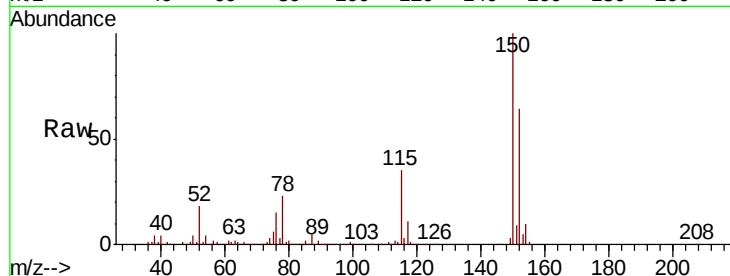
BG3Y6

Tot Ion: 75 Resp: 35194

Ion Ratio Lower Upper

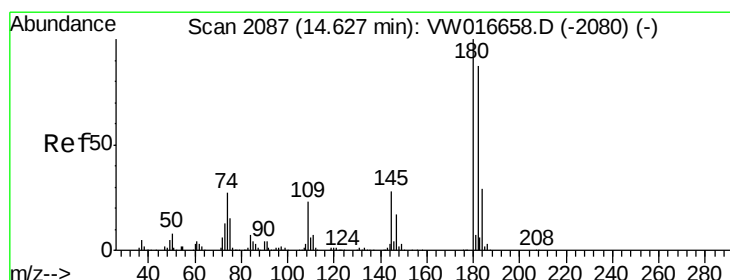
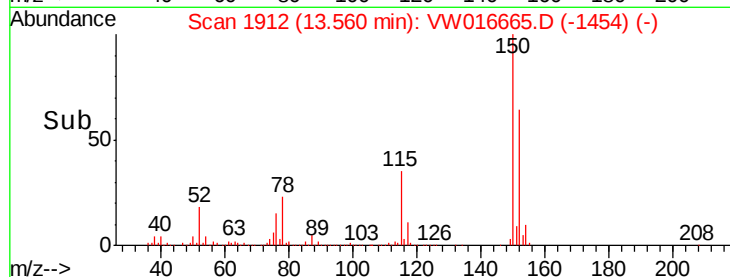
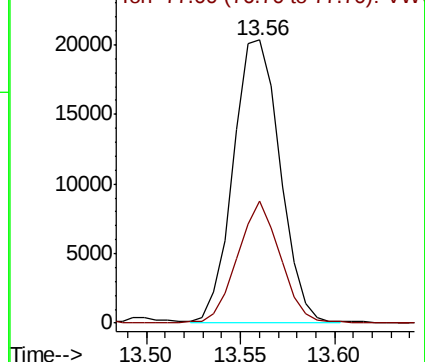
75 100

77 39.2 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#67

1,3,5-Trichlorobenzene

Concen: 1.322 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. 0.51 min

Lab File: VW016665.D

Acq: 28 Sep 2020 13:25

Tgt Ion: 180 Resp: 21573

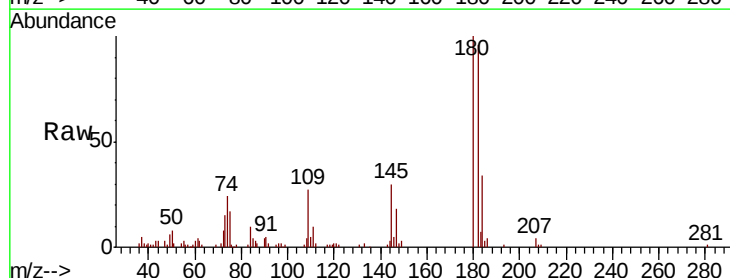
Ion Ratio Lower Upper

180 100

182 99.0 73.8 110.8

184 32.0 23.7 35.5

145 32.5 22.8 34.2

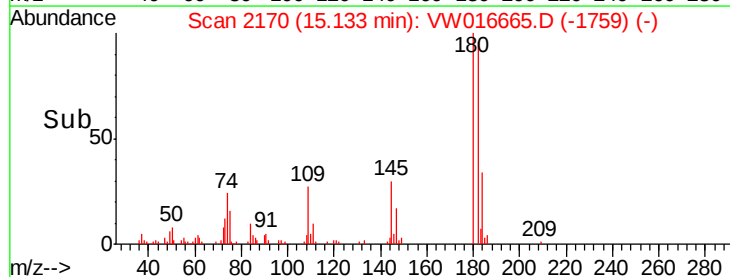
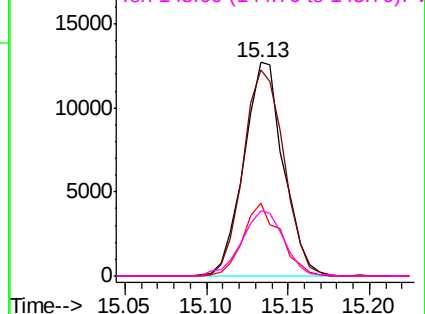


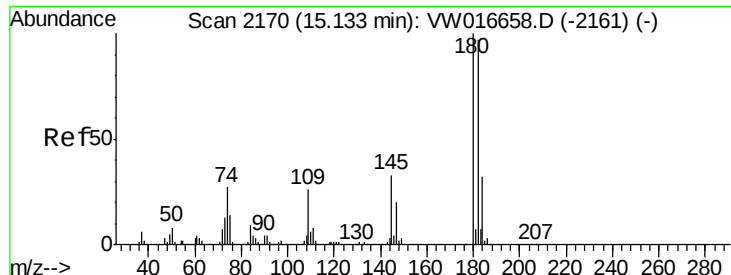
Abundance Ion 180.00 (179.70 to 180.70): V

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: 1.635 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016665.D
 Acq: 28 Sep 2020 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y6

Tot Ion:	180	Resp:	21573
Ion	Ratio	Lower	Upper
180	100		
182	99.0	74.5	111.7
145	32.5	23.1	34.7

