

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091720\
 Data File : VW016571.D
 Acq On : 17 Sep 2020 13:37
 Operator : SY/VA
 Sample : L4024-12
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J8

Quant Time: Sep 18 01:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 01:46:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	647506	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	537510	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	223564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	156183	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
7) Chloroethane-d5	2.90	69	125597	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	4.03	63	247757	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.72%
20) 2-Butanone-d5	7.09	46	62819	36.76	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.52%
24) Chloroform-d	7.65	84	324124	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.31	65	161084	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.28	84	642354	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	9.28	67	172833	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.84%
37) Toluene-d8	10.33	98	596471	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	10.58	79	75412	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.60%
39) 2-Hexanone-d5	10.93	63	50089	42.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120435	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	175047	24.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.04%

Target Compounds

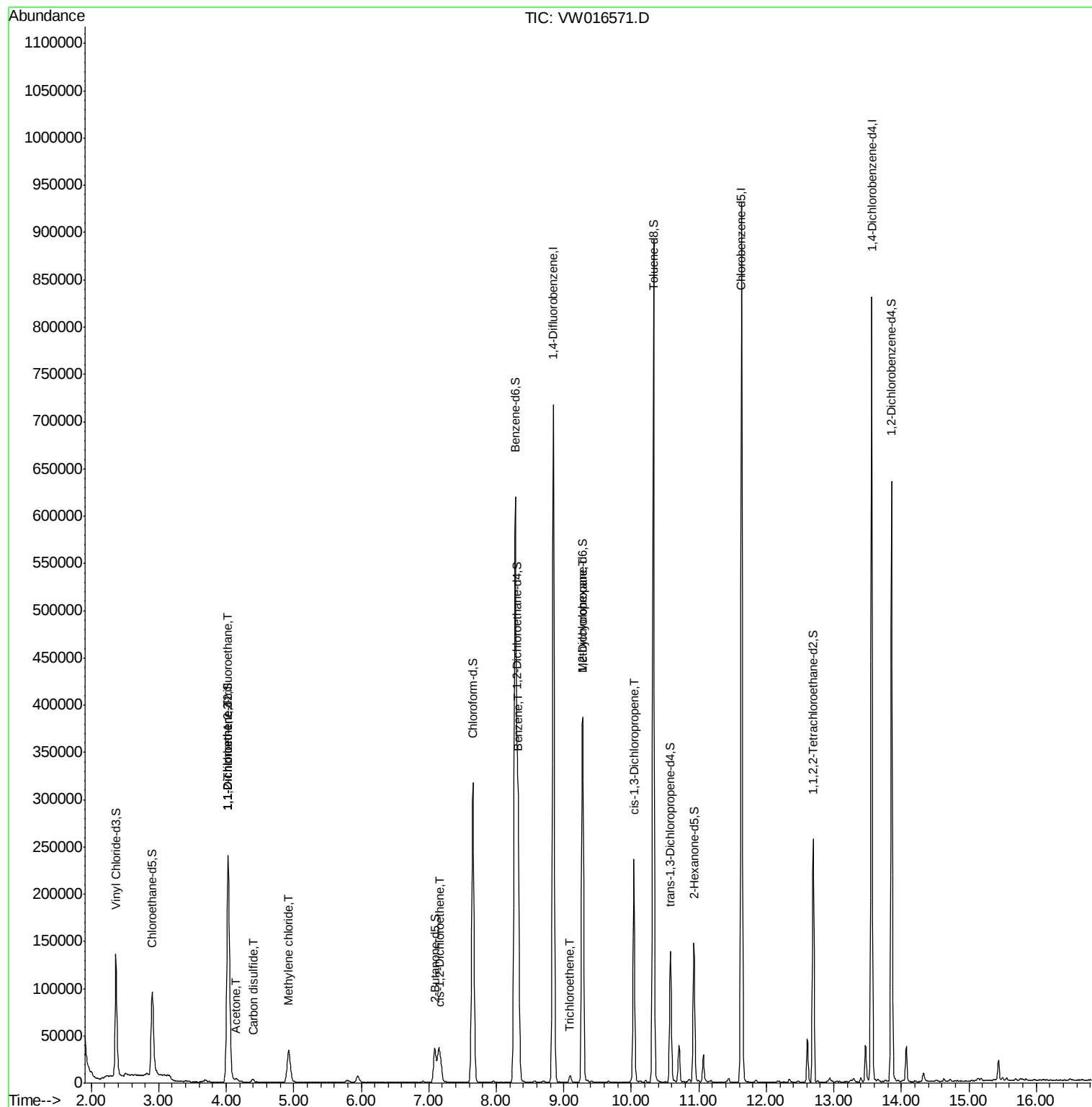
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2560	0.307 ug/L #	17
12) 1,1-Dichloroethene	4.03	96	2341	0.285 ug/L #	1
13) Acetone	4.15	43	7287	5.444 ug/L	100
14) Carbon disulfide	4.40	76	6655	0.269 ug/L	98
16) Methylene chloride	4.93	84	28951	2.899 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	9487	1.077 ug/L	91
34) Benzene	8.33	78	182739	6.343 ug/L	100
35) Trichloroethene	9.09	95	2095	0.251 ug/L	96
36) Methylcyclohexane	9.28	83	46589	3.295 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	6665	0.582 ug/L	88

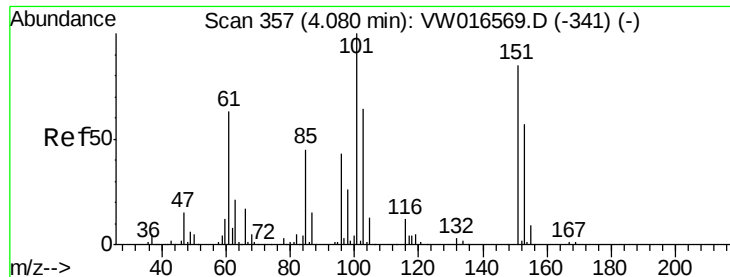
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 18 01:47:41 2020
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Quant Title : VOC Analysis
QLast Update : Fri Sep 18 01:46:23 2020
Response via : Initial Calibration





#11

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

Concen: 0.307 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.06 min

Lab File: VW016571.D

Acq: 17 Sep 2020 13:37

Instrument :

MSVOA_W

ClientSampled :

BG3J8

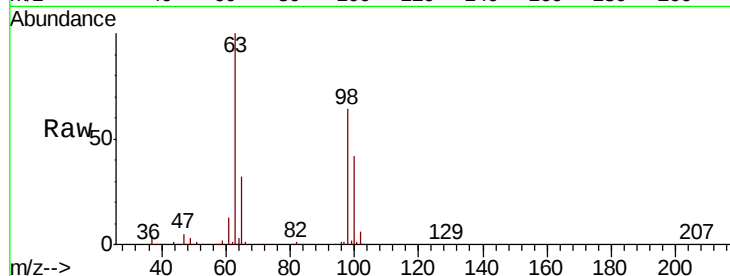
Tot Ion:101 Resp: 2560

Ion Ratio Lower Upper

101 100

85 0.0 32.6 49.0#

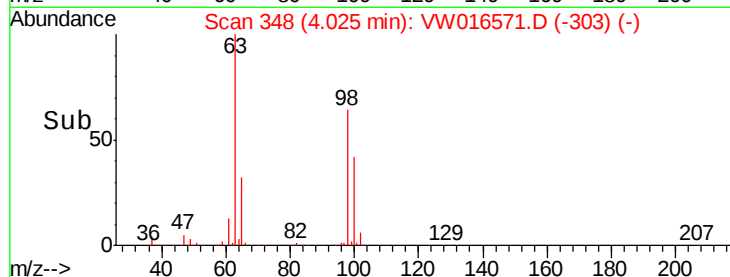
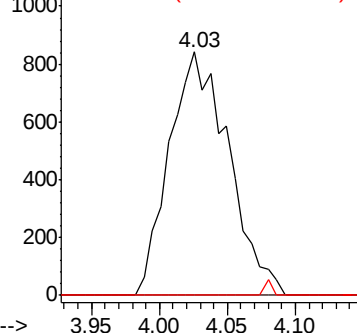
151 0.0 66.0 99.0#



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



#12

1,1-Dichloroethene

Concen: 0.285 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW016571.D

Acq: 17 Sep 2020 13:37

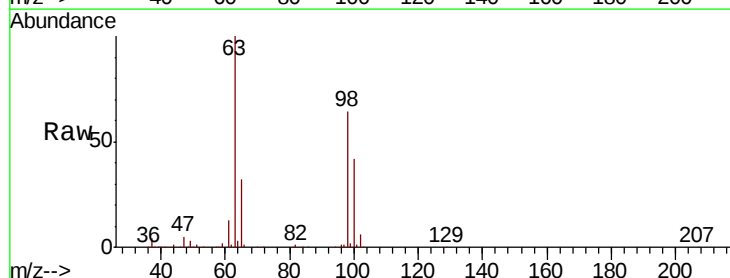
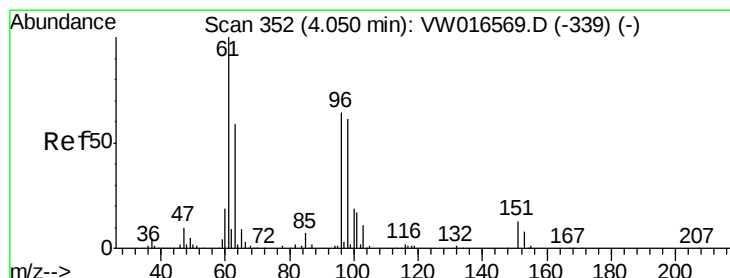
Tgt Ion: 96 Resp: 2341

Ion Ratio Lower Upper

96 100

61 1354.2 111.4 206.8#

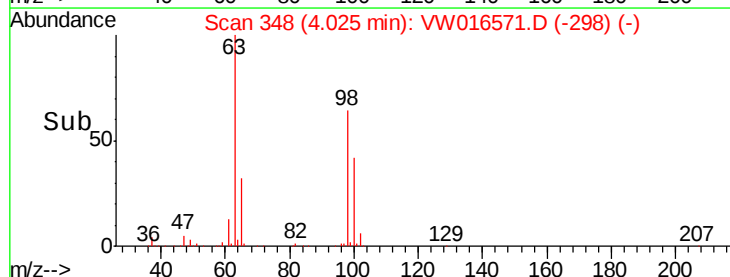
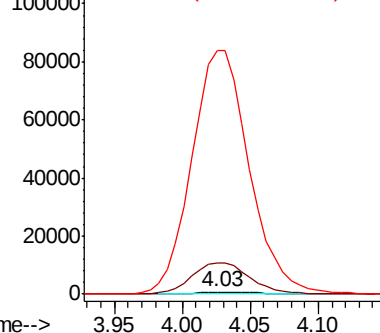
63 10453.9 73.0 135.6#

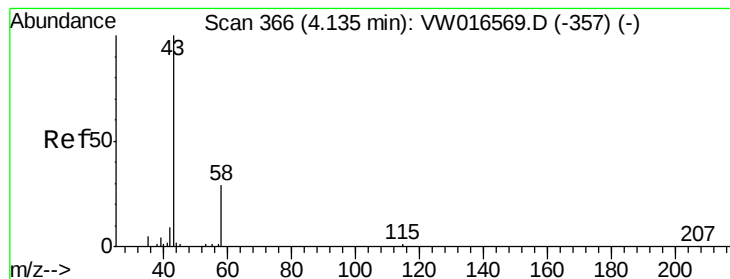


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 5.444 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016571.D

Acq: 17 Sep 2020 13:37

Instrument :

MSVOA_W

ClientSampleId :

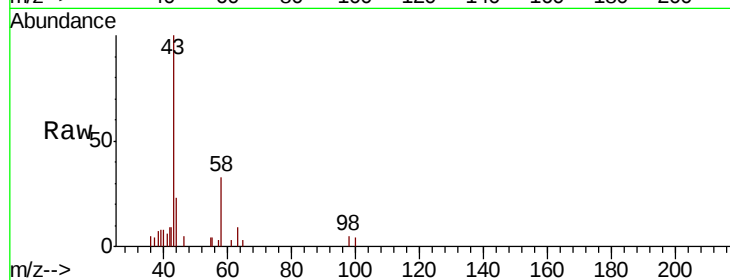
BG3J8

Tot Ion: 43 Resp: 7287

Ion Ratio Lower Upper

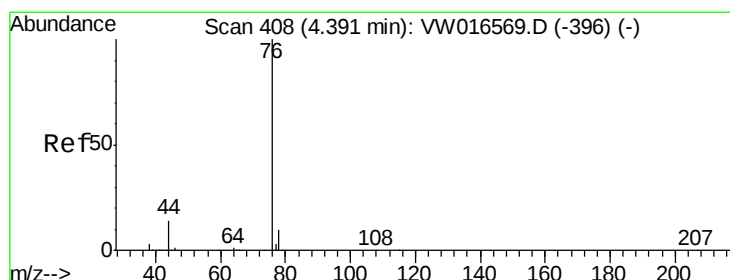
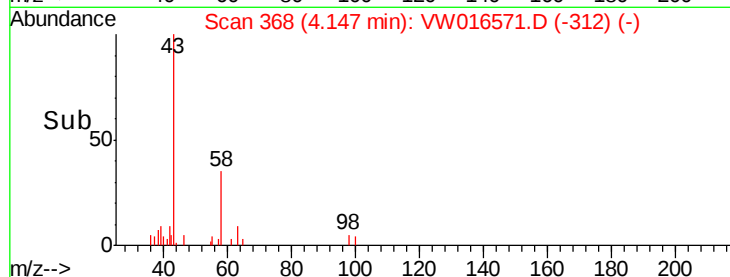
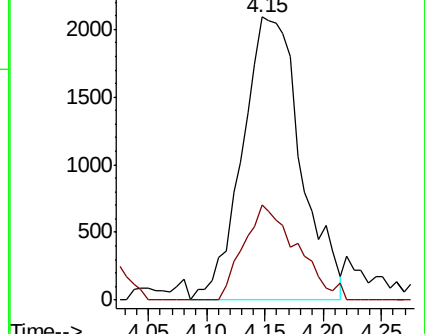
43 100

58 30.2 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.269 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW016571.D

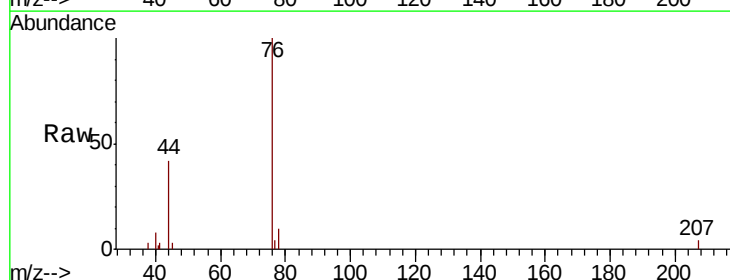
Acq: 17 Sep 2020 13:37

Tgt Ion: 76 Resp: 6655

Ion Ratio Lower Upper

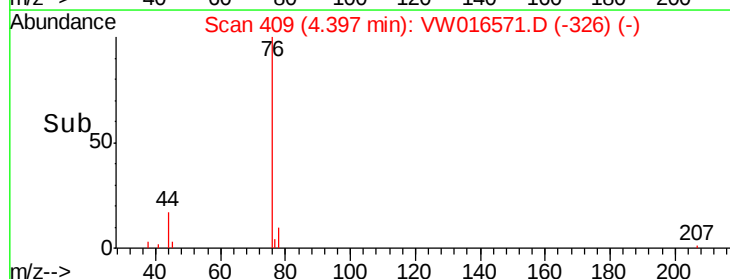
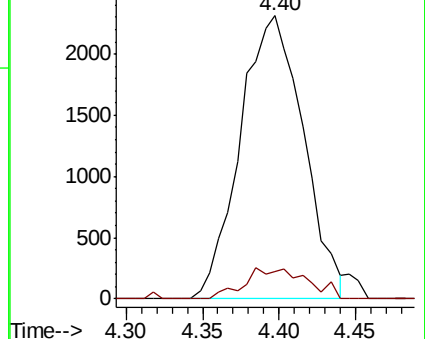
76 100

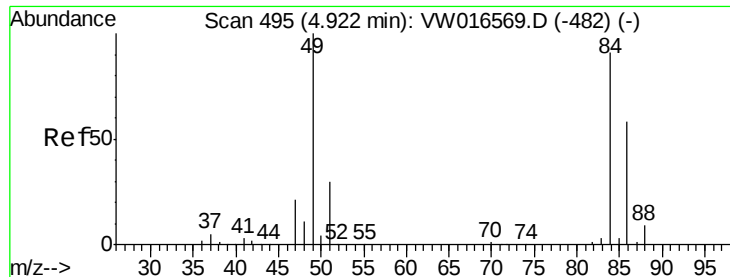
78 9.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

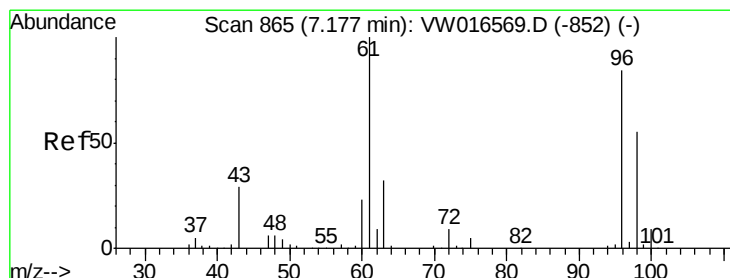
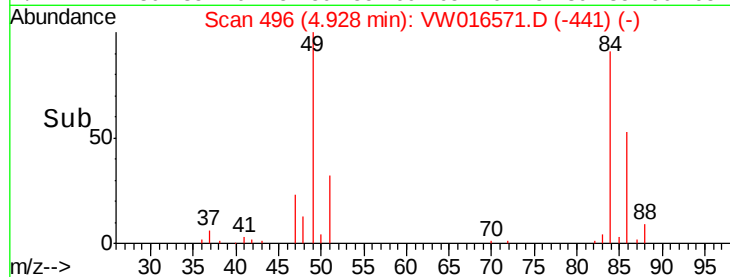
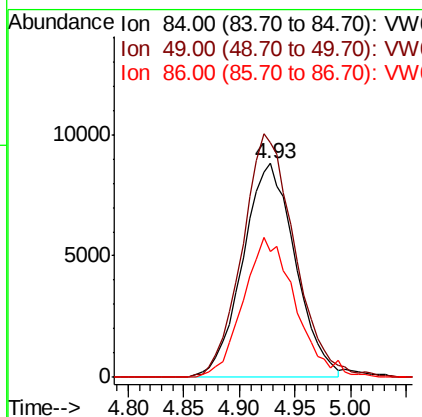
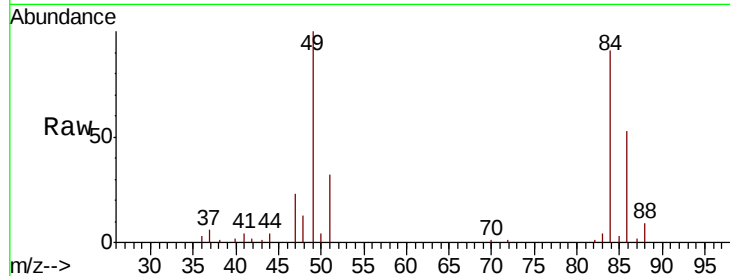




#16
Methylene chloride
Concen: 2.899 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016571.D
Acq: 17 Sep 2020 13:37

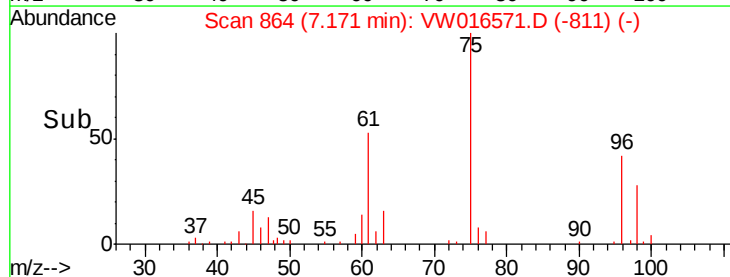
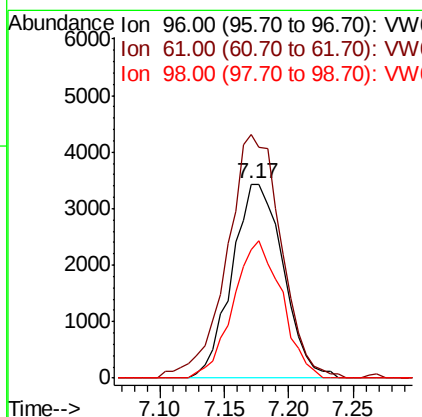
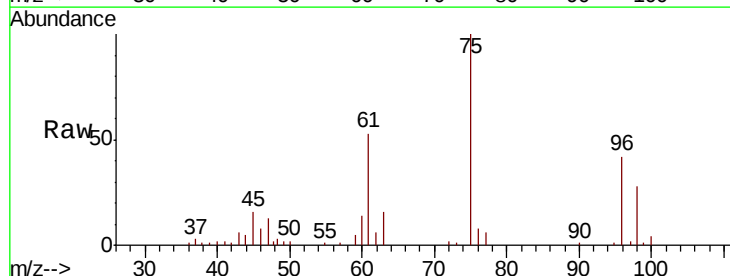
Instrument :
MSVOA_W
ClientSampled :
BG3J8

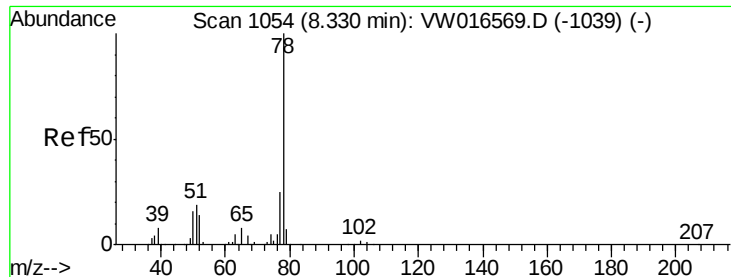
Tot Ion: 84 Resp: 28951
Ion Ratio Lower Upper
84 100
49 109.9 76.0 141.2
86 58.7 45.6 84.6



#22
cis-1,2-Dichloroethene
Concen: 1.077 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW016571.D
Acq: 17 Sep 2020 13:37

Tgt Ion: 96 Resp: 9487
Ion Ratio Lower Upper
96 100
61 125.4 78.4 145.6
98 66.5 44.8 83.2





#34

Benzene

Concen: 6.343 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW016571.D

Acq: 17 Sep 2020 13:37

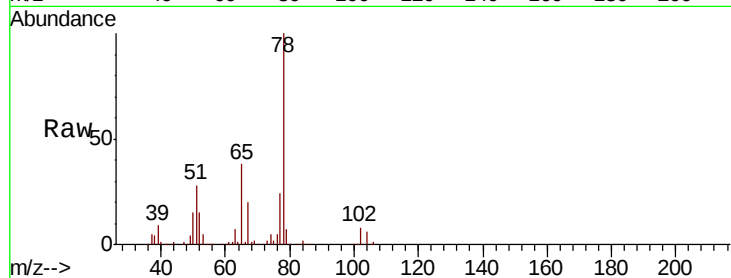
Instrument :

MSVOA_W

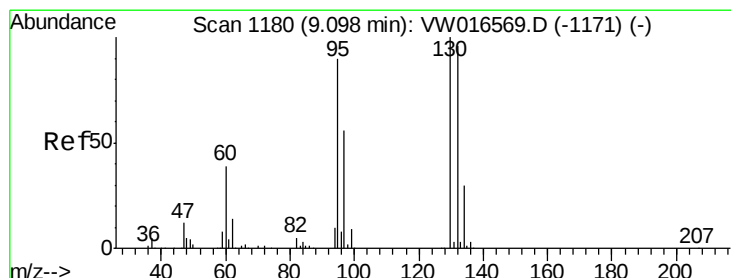
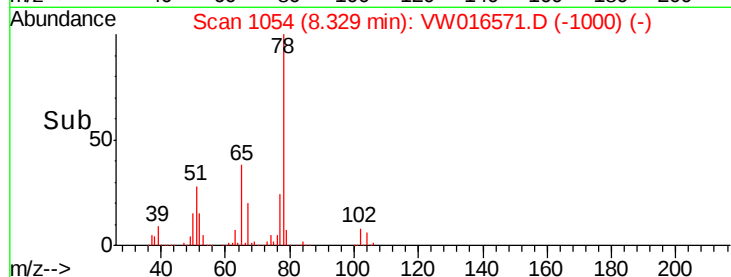
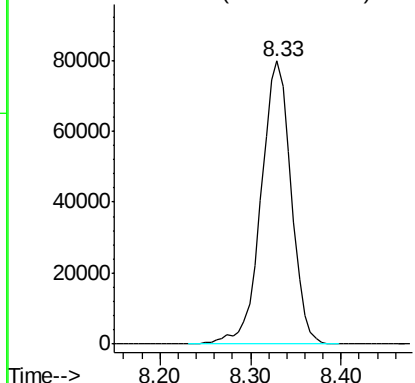
ClientSampled :

BG3J8

Tgt Ion: 78 Resp: 182739



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 0.251 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016571.D

Acq: 17 Sep 2020 13:37

Tgt Ion: 95 Resp: 2095

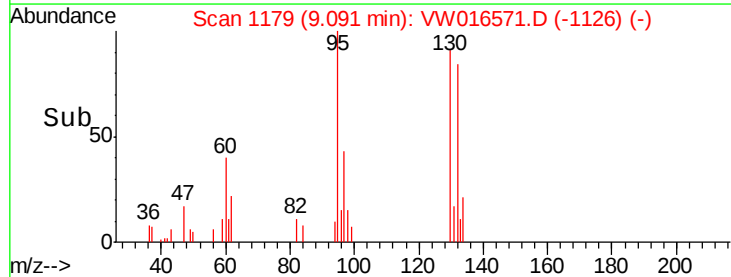
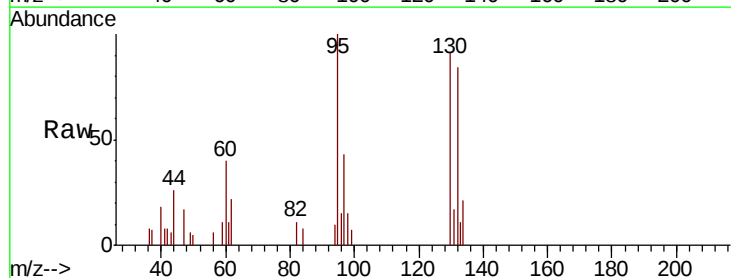
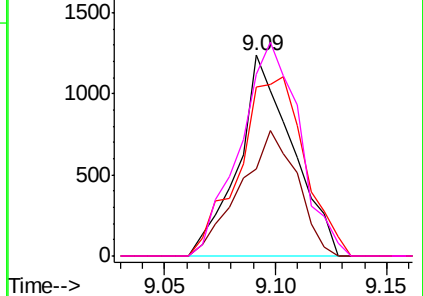
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.2	84.0
132	107.5	73.3	136.1
130	117.5	77.5	143.9

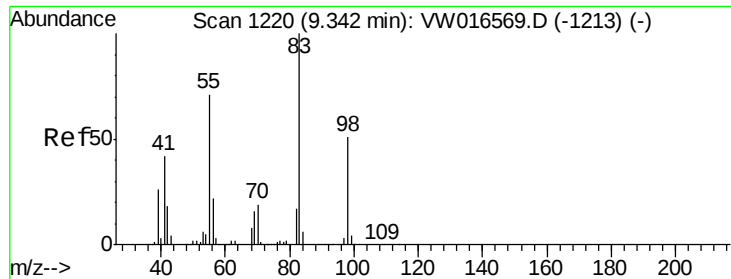
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

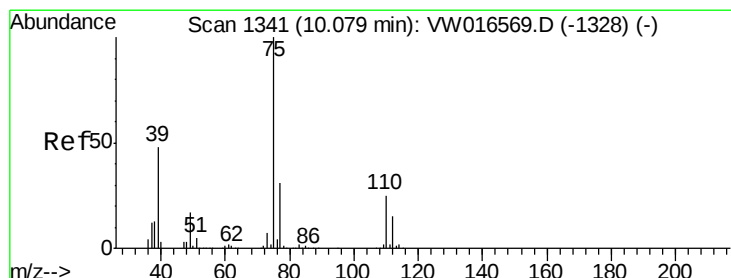
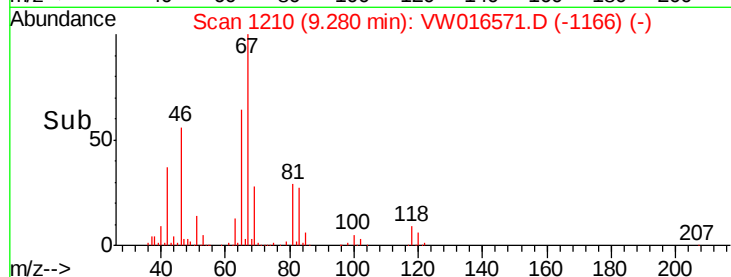
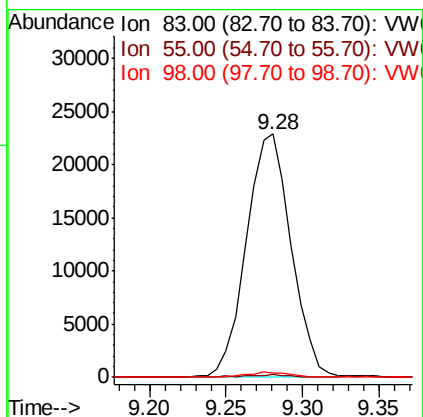
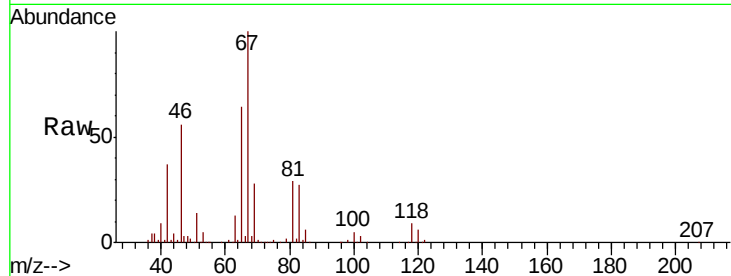




#36
Methylcyclohexane
Concen: 3.295 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016571.D
Acq: 17 Sep 2020 13:37

Instrument :
MSVOA_W
ClientSampleId :
BG3J8

Tot Ion: 83 Resp: 46589
Ion Ratio Lower Upper
83 100
55 0.6 55.9 83.9#
98 0.0 42.1 63.1#



#42
cis-1,3-Dichloropropene
Concen: 0.582 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016571.D
Acq: 17 Sep 2020 13:37

Tgt Ion: 75 Resp: 6665
Ion Ratio Lower Upper
75 100
77 38.4 22.2 41.2

