

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016630.D
 Acq On : 23 Sep 2020 14:50
 Operator : SY/VA
 Sample : L4108-11
 Misc : 5.52G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3K8

Quant Time: Sep 24 04:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 04:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	615533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	537539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264951	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	138378	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
7) Chloroethane-d5	2.90	69	117562	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.68%
10) 1,1-Dichloroethene-d2	4.03	63	218026	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.09	46	61884	38.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.20%
24) Chloroform-d	7.65	84	310282	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	8.31	65	161134	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.52%
29) Benzene-d6	8.28	84	613314	25.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.76%
33) 1,2-Dichloropropane-d6	9.28	67	169023	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.48%
37) Toluene-d8	10.33	98	592455	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.92%
38) trans-1,3-Dichloropropene-	10.58	79	73351	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.08%
39) 2-Hexanone-d5	10.93	63	50285	42.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125730	22.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	211070	24.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.72%

Target Compounds

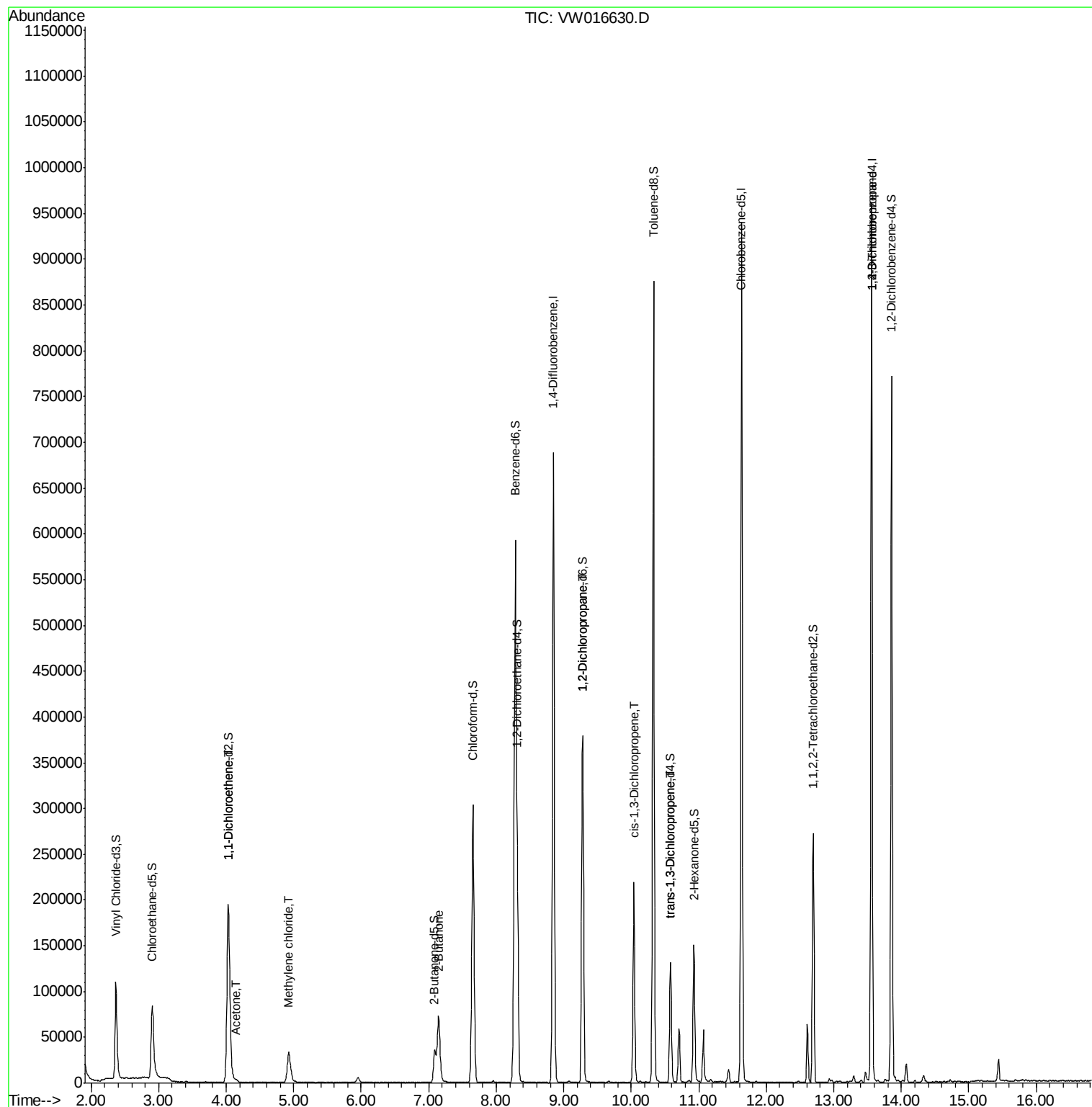
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	2198	0.282	ug/L #	1
13) Acetone	4.15	43	4038	3.173	ug/L	87
16) Methylene chloride	4.93	84	29406	3.097	ug/L	99
21) 2-Butanone	7.15	43	3789	1.750	ug/L #	69
40) 1,2-Dichloropropane	9.28	63	20399	3.044	ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	6124	0.535	ug/L #	78
45) trans-1,3-Dichloropropene	10.59	75	3841	0.386	ug/L	86
59) 1,2,3-Trichloropropane	13.56	75	28272	6.013	ug/L	91

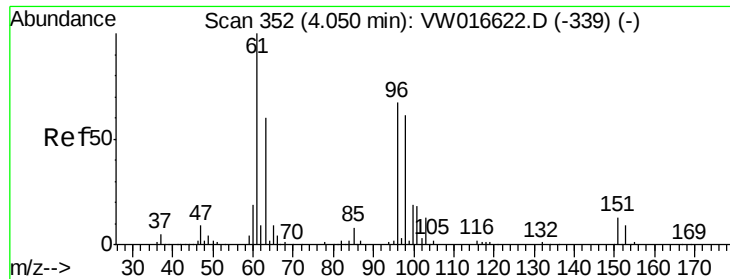
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 24 04:34:20 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.282 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW016630.D

Acq: 23 Sep 2020 14:50

Instrument :

MSVOA_W

ClientSampleId :

BG3K8

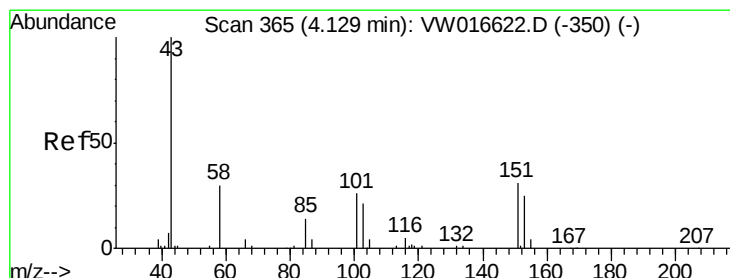
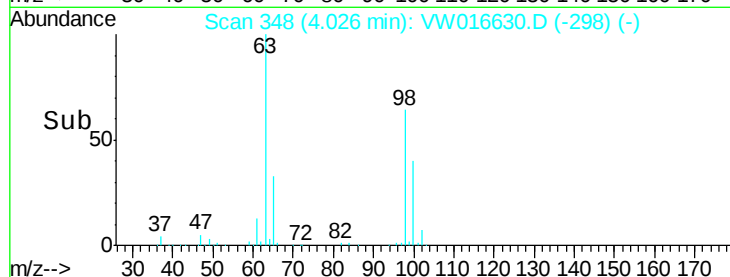
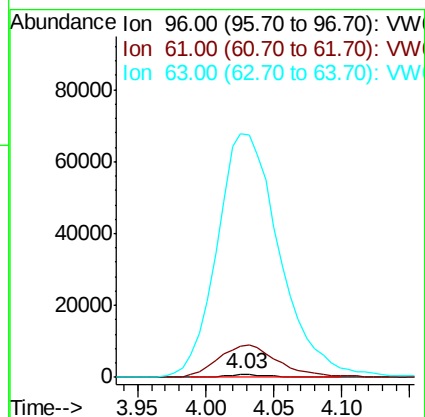
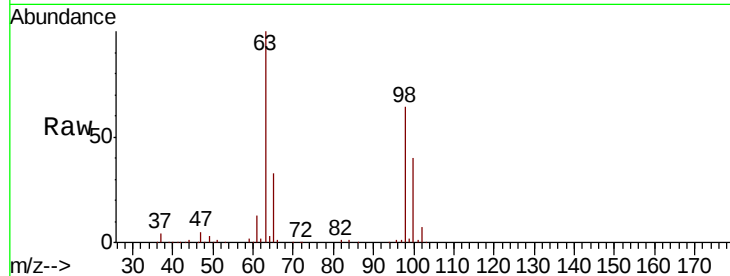
Tot Ion: 96 Resp: 2198

Ion Ratio Lower Upper

96 100

61 934.7 111.4 206.8#

63 7168.7 73.0 135.6#



#13

Acetone

Concen: 3.173 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016630.D

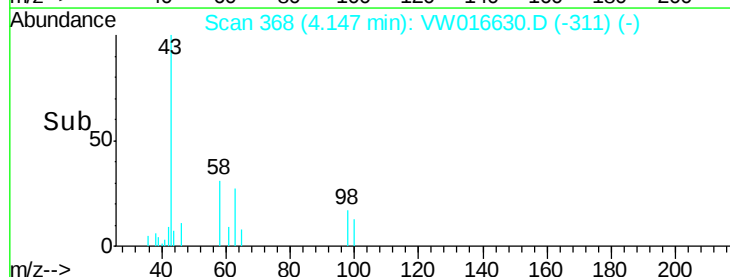
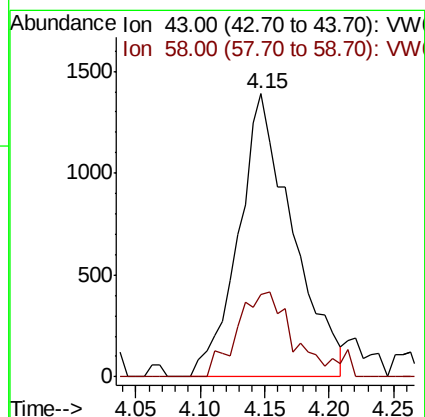
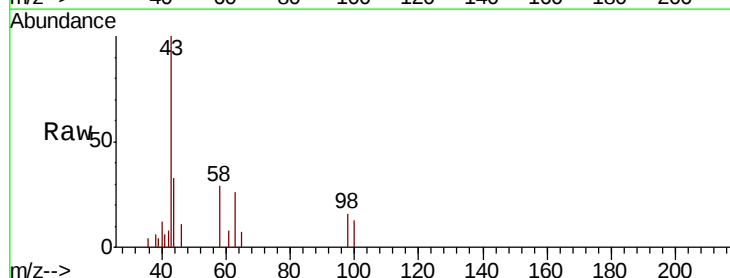
Acq: 23 Sep 2020 14:50

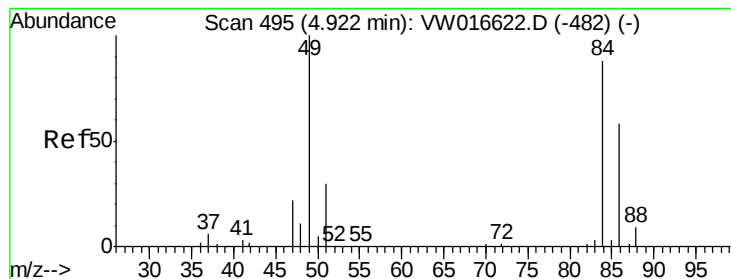
Tgt Ion: 43 Resp: 4038

Ion Ratio Lower Upper

43 100

58 23.1 0.0 60.2





#16

Methvlene chloride

Concen: 3.097 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016630.D

Acq: 23 Sep 2020 14:50

Instrument :

MSVOA_W

ClientSampled :

BG3K8

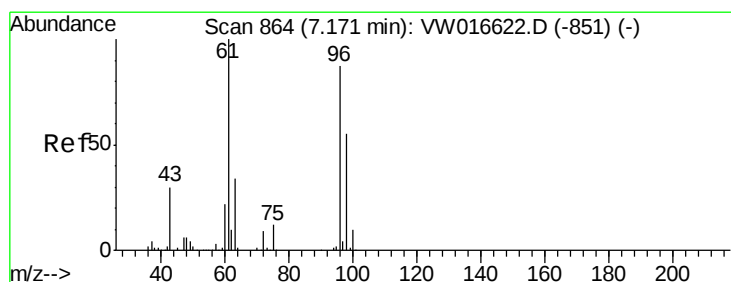
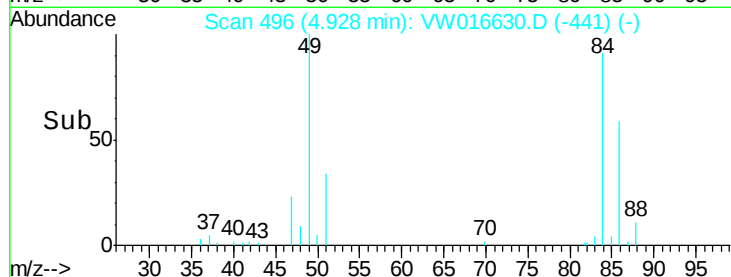
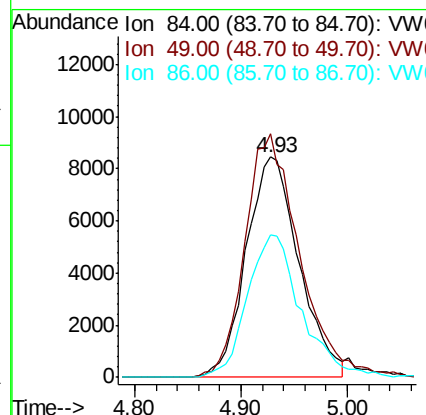
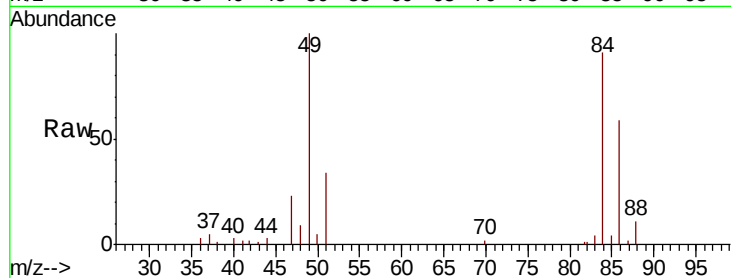
Tot Ion: 84 Resp: 29406

Ion Ratio Lower Upper

84 100

49 110.4 76.0 141.2

86 64.7 45.6 84.6



#21

2-Butanone

Concen: 1.750 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW016630.D

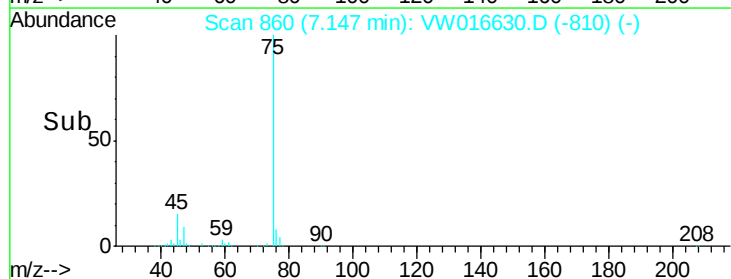
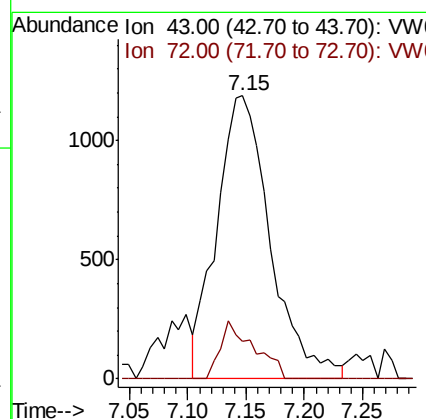
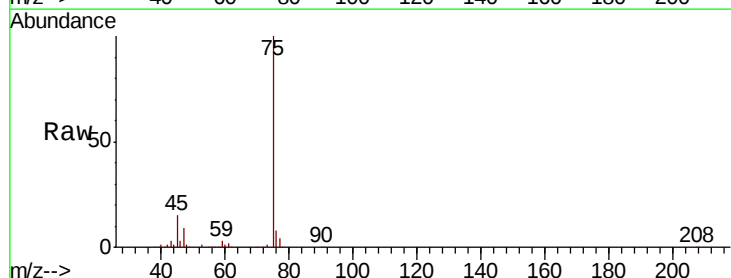
Acq: 23 Sep 2020 14:50

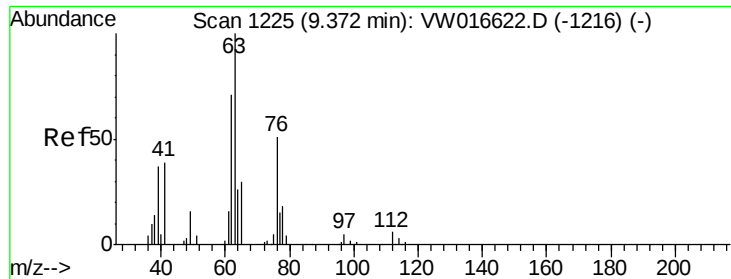
Tgt Ion: 43 Resp: 3789

Ion Ratio Lower Upper

43 100

72 12.8 14.6 43.8#





#40

1,2-Dichloropropane

Concen: 3.044 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016630.D

Acq: 23 Sep 2020 14:50

Instrument :

MSVOA_W

ClientSampleId :

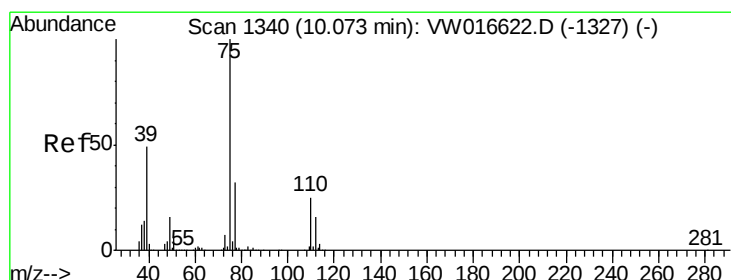
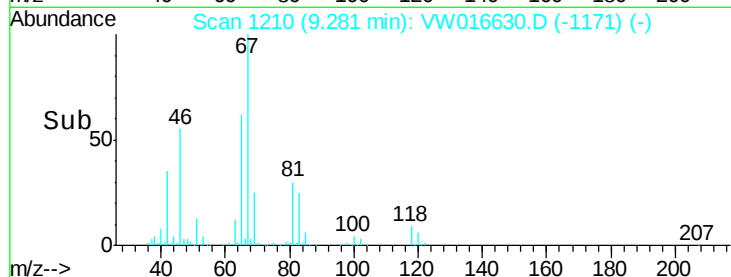
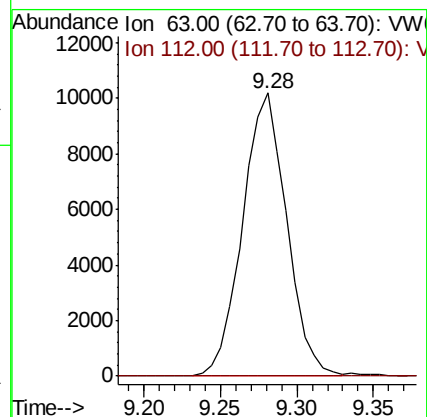
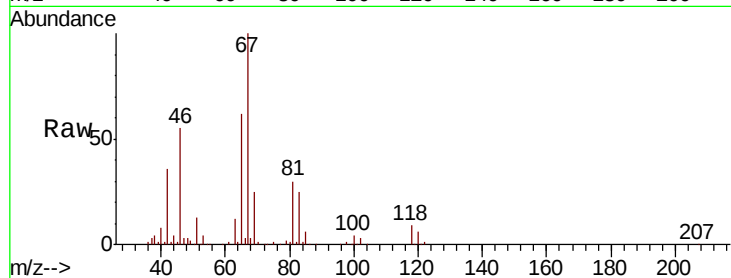
BG3K8

Tot Ion: 63 Resp: 20399

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#



#42

cis-1,3-Dichloropropene

Concen: 0.535 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016630.D

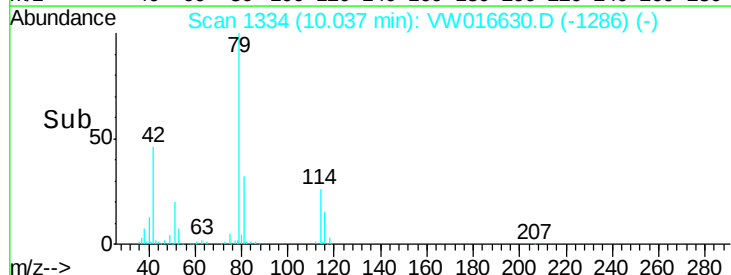
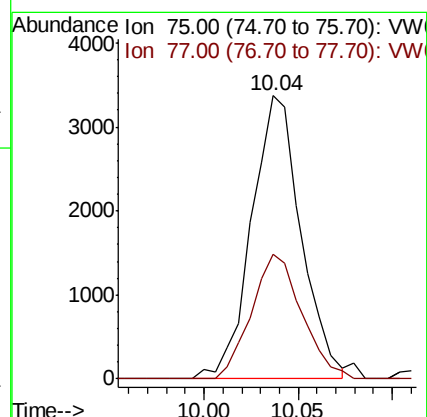
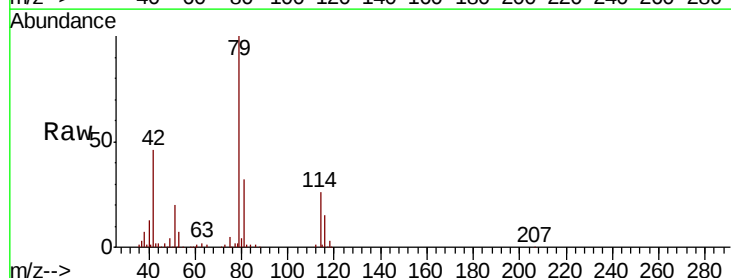
Acq: 23 Sep 2020 14:50

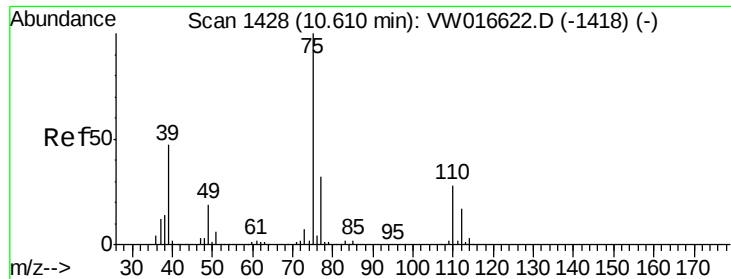
Tgt Ion: 75 Resp: 6124

Ion Ratio Lower Upper

75 100

77 44.0 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.386 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016630.D

Acq: 23 Sep 2020 14:50

Instrument :

MSVOA_W

ClientSampled :

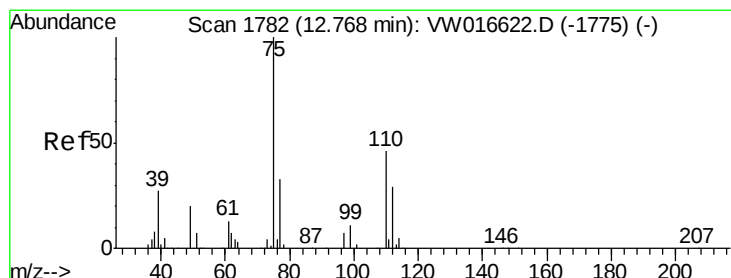
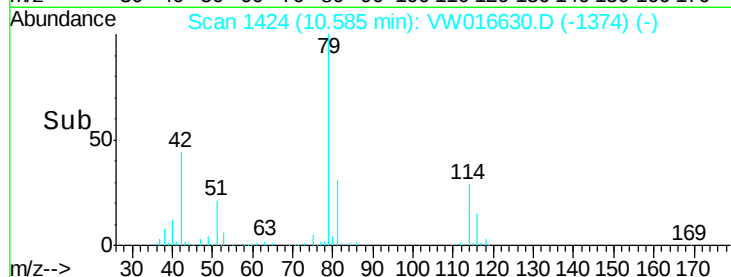
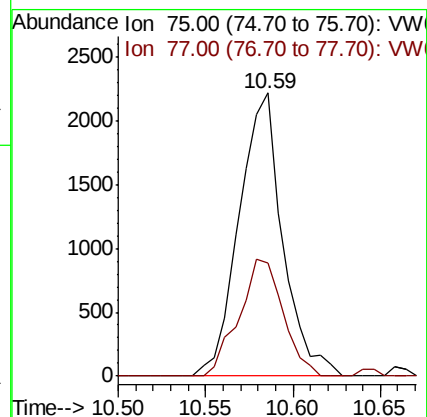
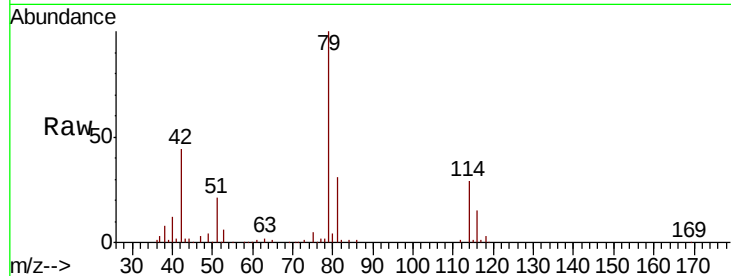
BG3K8

Tot Ion: 75 Resp: 3841

Ion Ratio Lower Upper

75 100

77 39.8 22.5 41.9



#59

1,2,3-Trichloropropane

Concen: 6.013 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016630.D

Acq: 23 Sep 2020 14:50

Tgt Ion: 75 Resp: 28272

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.4

