

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016627.D
 Acq On : 23 Sep 2020 13:38
 Operator : SY/VA
 Sample : L4108-13
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L0

Quant Time: Sep 24 04:42:00 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	646481	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	520985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	154428	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
7) Chloroethane-d5	2.90	69	133651	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.64%
10) 1,1-Dichloroethene-d2	4.03	63	246544	17.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.48%
20) 2-Butanone-d5	7.10	46	55104	32.30	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.60%
24) Chloroform-d	7.65	84	336665	24.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	8.31	65	165971	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.64%
29) Benzene-d6	8.28	84	668707	28.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.48%
33) 1,2-Dichloropropane-d6	9.28	67	176516	27.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.52%
37) Toluene-d8	10.33	98	622080	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.24%
38) trans-1,3-Dichloropropene-	10.58	79	72781	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.20%
39) 2-Hexanone-d5	10.93	63	45016	39.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117820	21.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	174865	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

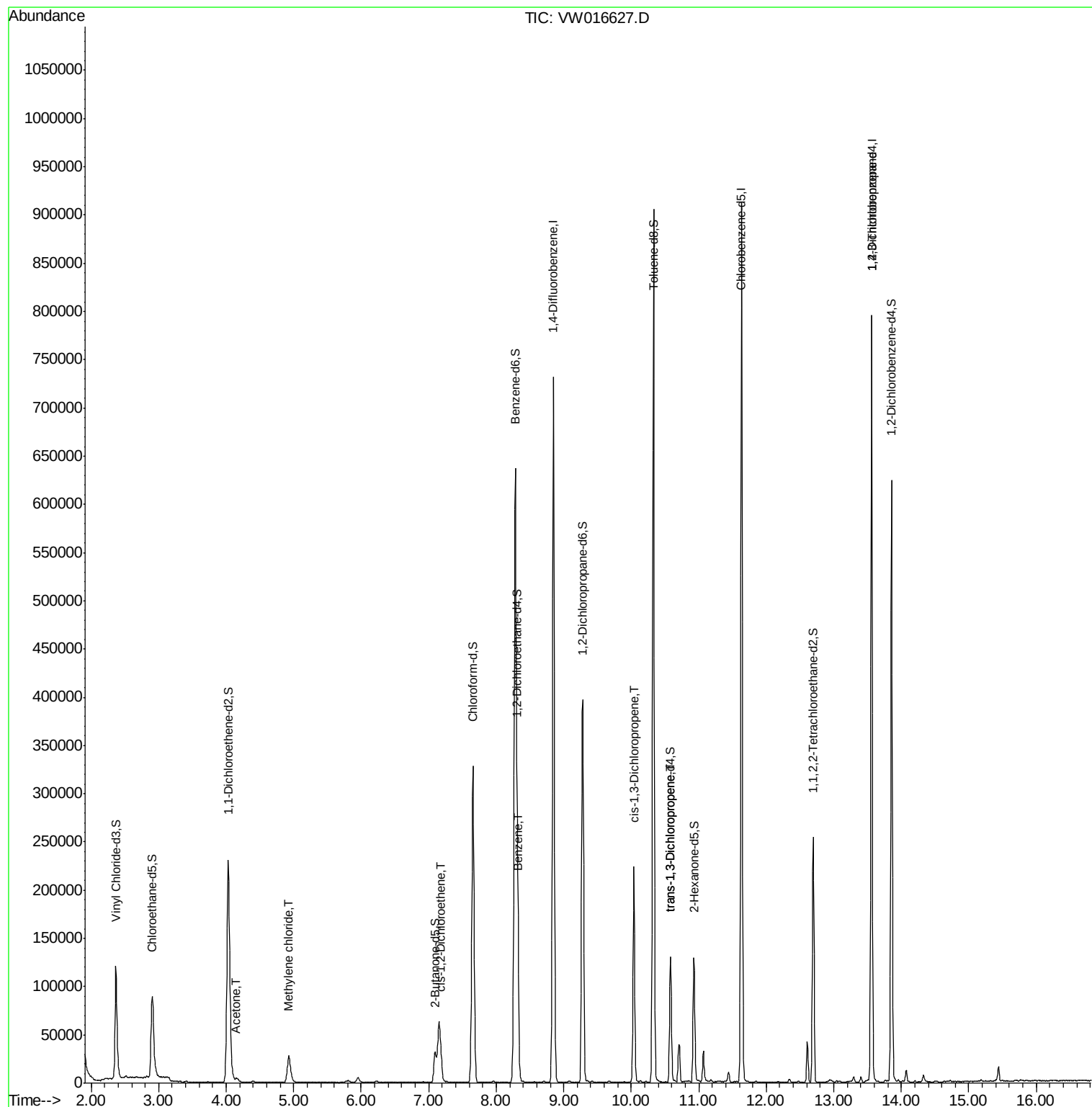
					Ovalue
13) Acetone	4.15	43	7922	5.928 ug/L	76
16) Methylene chloride	4.93	84	23784	2.385 ug/L	92
22) cis-1,2-Dichloroethene	7.18	96	10406	1.183 ug/L	89
34) Benzene	8.33	78	17786	0.637 ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	6299	0.568 ug/L #	70
45) trans-1,3-Dichloropropene	10.58	75	3642	0.377 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	22717	4.985 ug/L	91

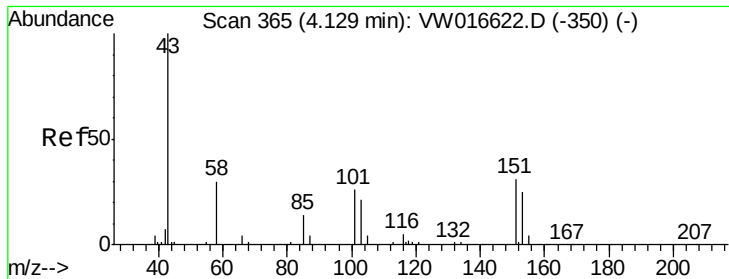
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092420\
Data File : VW016627.D
Acq On : 23 Sep 2020 13:38
Operator : SY/VA
Sample : L4108-13
Misc : 5.68G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L0

Quant Time: Sep 24 04:42:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 24 04:34:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.928 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016627.D

Acq: 23 Sep 2020 13:38

Instrument :

MSVOA_W

ClientSampled :

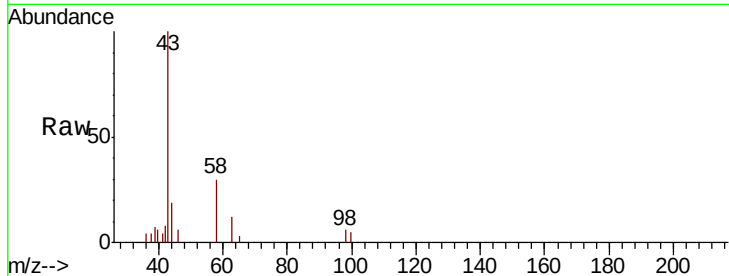
BG3L0

Tot Ion: 43 Resp: 7922

Ion Ratio Lower Upper

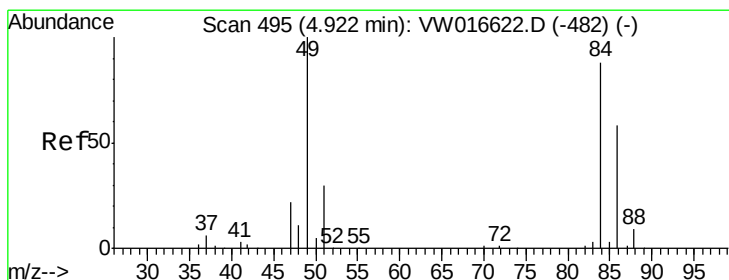
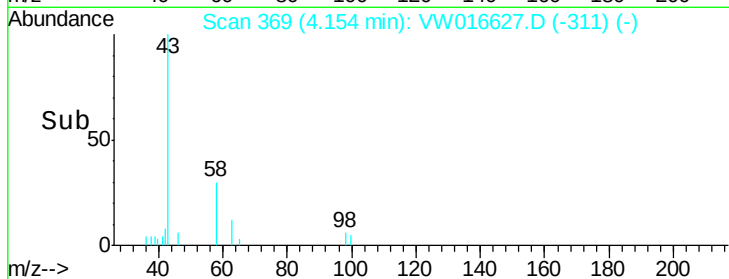
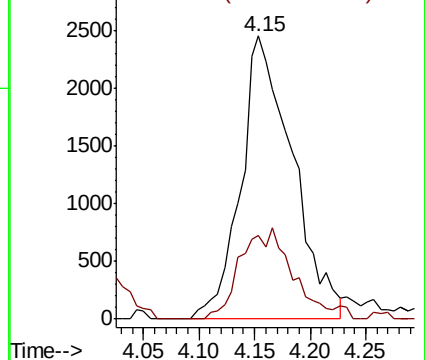
43 100

58 16.9 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: 2.385 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016627.D

Acq: 23 Sep 2020 13:38

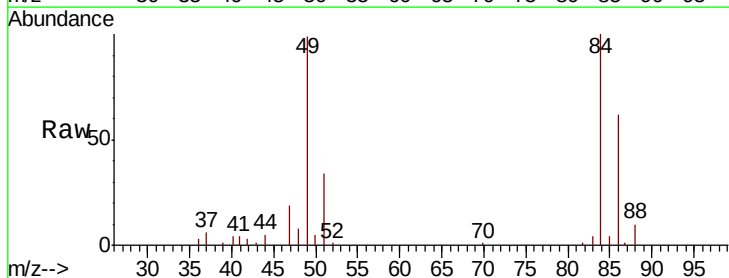
Tgt Ion: 84 Resp: 23784

Ion Ratio Lower Upper

84 100

49 98.6 76.0 141.2

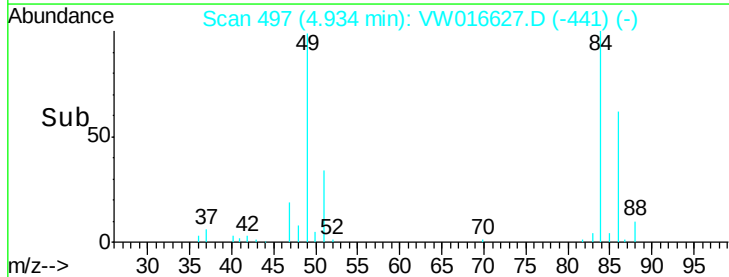
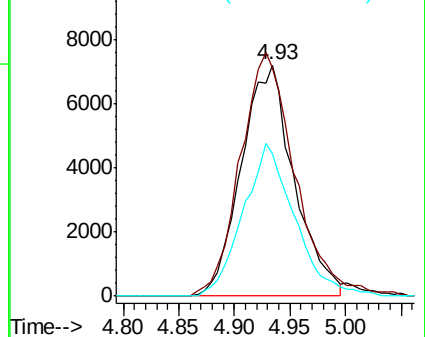
86 61.8 45.6 84.6

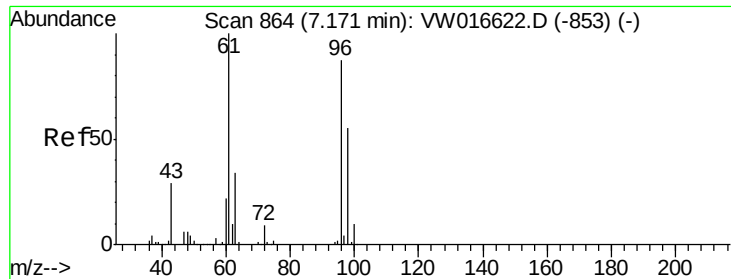


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

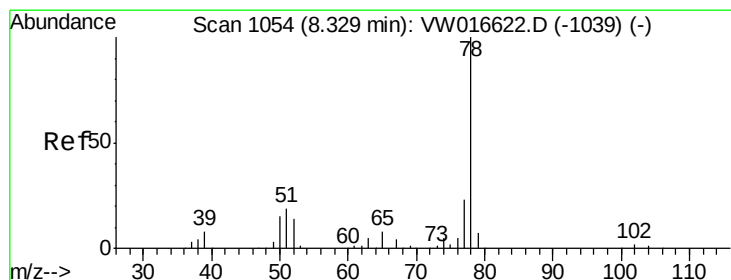
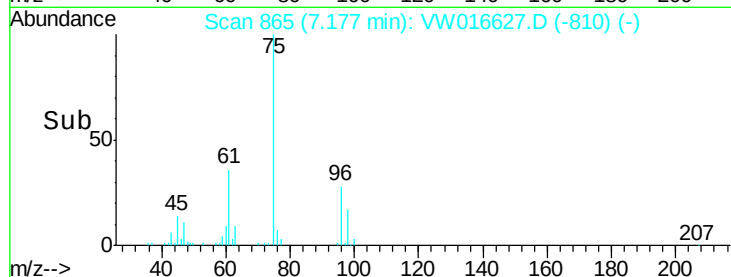
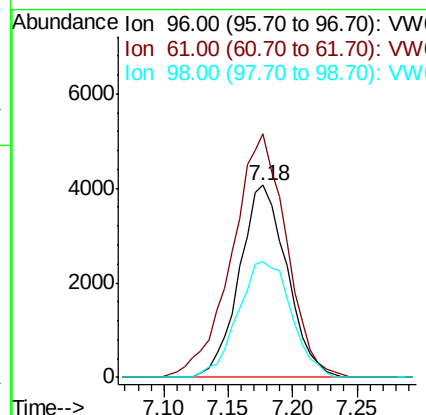
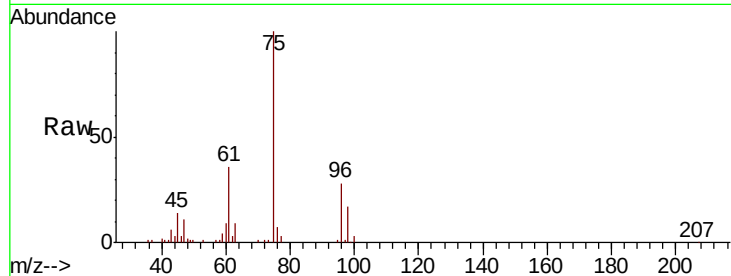




#22
 cis-1,2-Dichloroethene
 Concen: 1.183 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW016627.D
 Acq: 23 Sep 2020 13:38

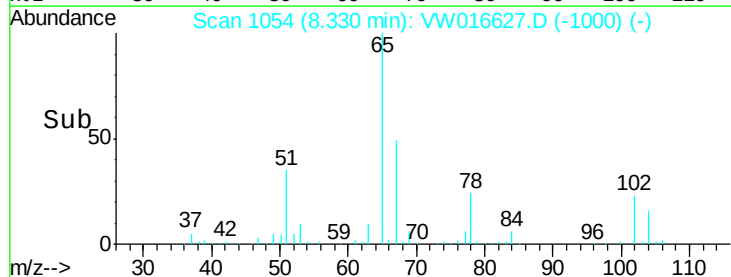
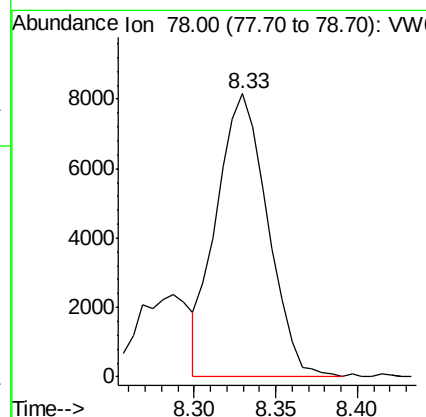
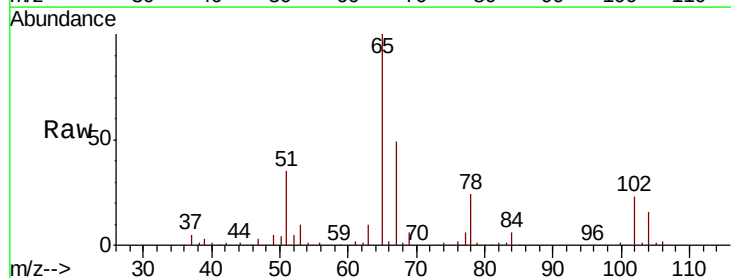
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L0

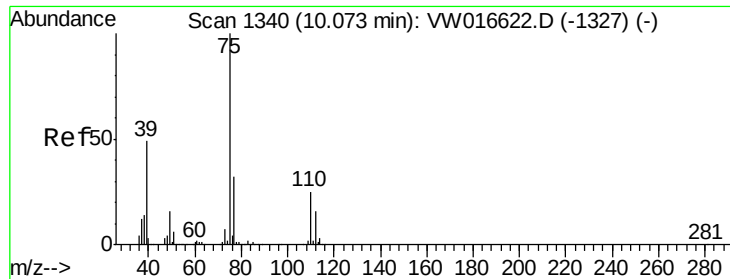
Tot Ion: 96 Resp: 10406
 Ion Ratio Lower Upper
 96 100
 61 126.9 78.4 145.6
 98 60.4 44.8 83.2



#34
 Benzene
 Concen: 0.637 ug/L
 RT: 8.33 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VW016627.D
 Acq: 23 Sep 2020 13:38

Tgt Ion: 78 Resp: 17786





#42

cis-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016627.D

Acq: 23 Sep 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

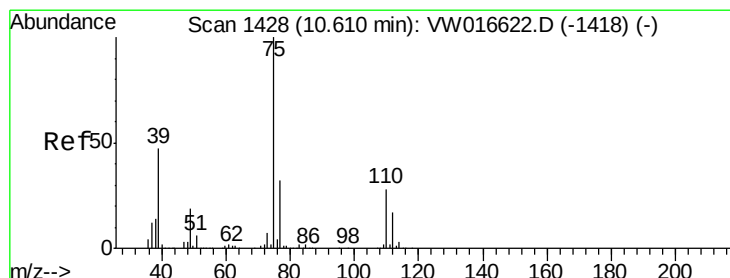
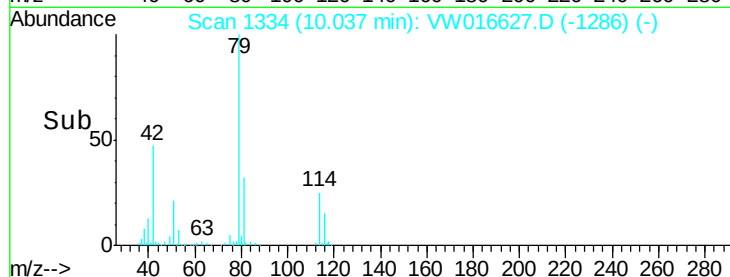
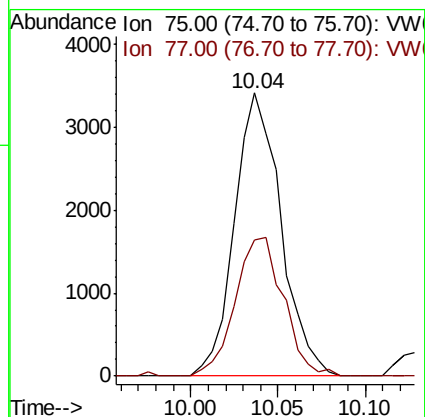
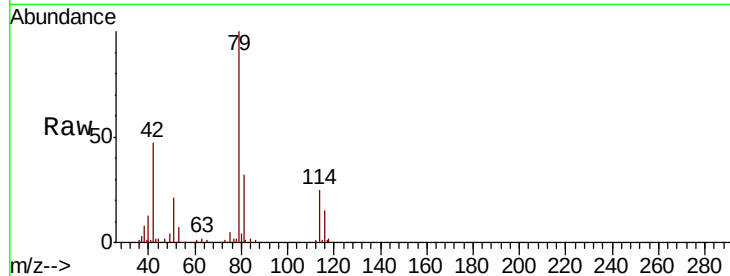
BG3L0

Tot Ion: 75 Resp: 6299

Ion Ratio Lower Upper

75 100

77 48.3 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.377 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016627.D

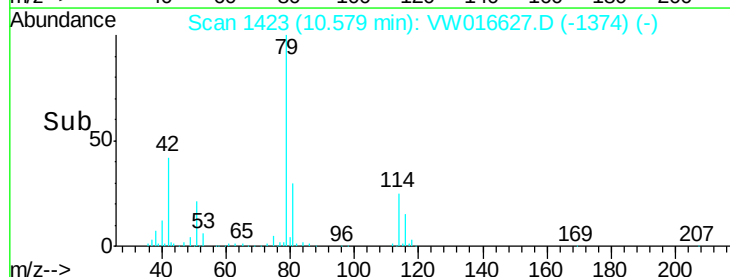
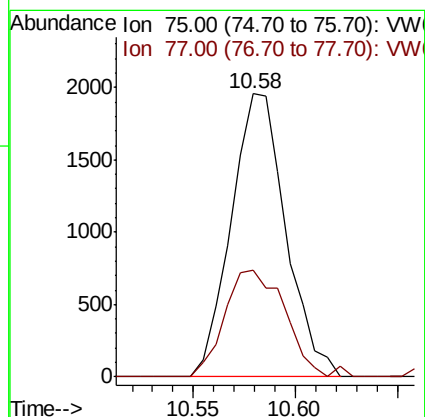
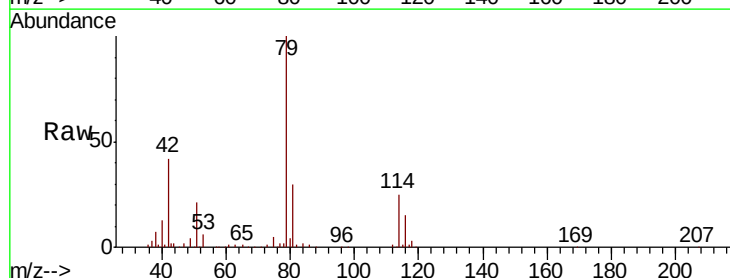
Acq: 23 Sep 2020 13:38

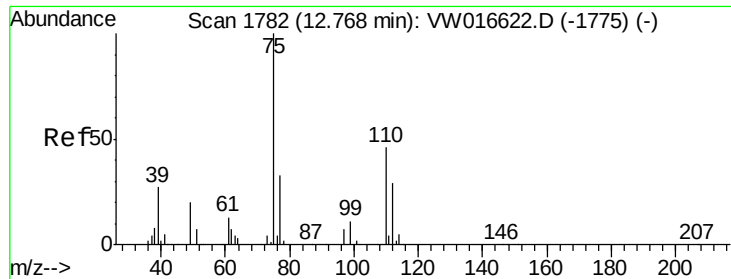
Tgt Ion: 75 Resp: 3642

Ion Ratio Lower Upper

75 100

77 37.5 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 4.985 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016627.D

Acq: 23 Sep 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

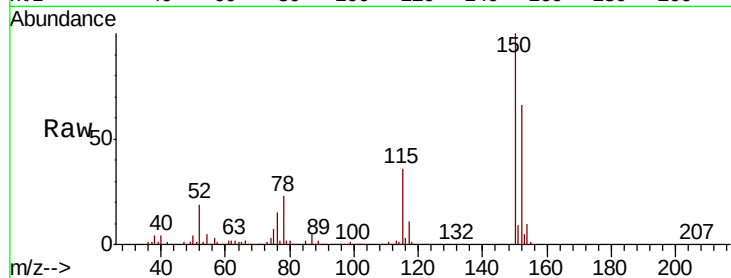
BG3L0

Tot Ion: 75 Resp: 22717

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

