

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102220\
 Data File : VW016966.D
 Acq On : 22 Oct 2020 13:38
 Operator : SY/VA
 Sample : VW1022SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK04

Quant Time: Oct 23 02:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	516713	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	465207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137617	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
7) Chloroethane-d5	2.90	69	108009	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	4.03	63	200901	17.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.28%
20) 2-Butanone-d5	7.09	46	53854	47.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.88%
24) Chloroform-d	7.65	84	271509	22.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	8.31	65	133816	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.44%
29) Benzene-d6	8.28	84	581682	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	9.28	67	154147	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.60%
37) Toluene-d8	10.33	98	544063	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	10.59	79	62955	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	10.93	63	44257	48.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116312	23.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	197035	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

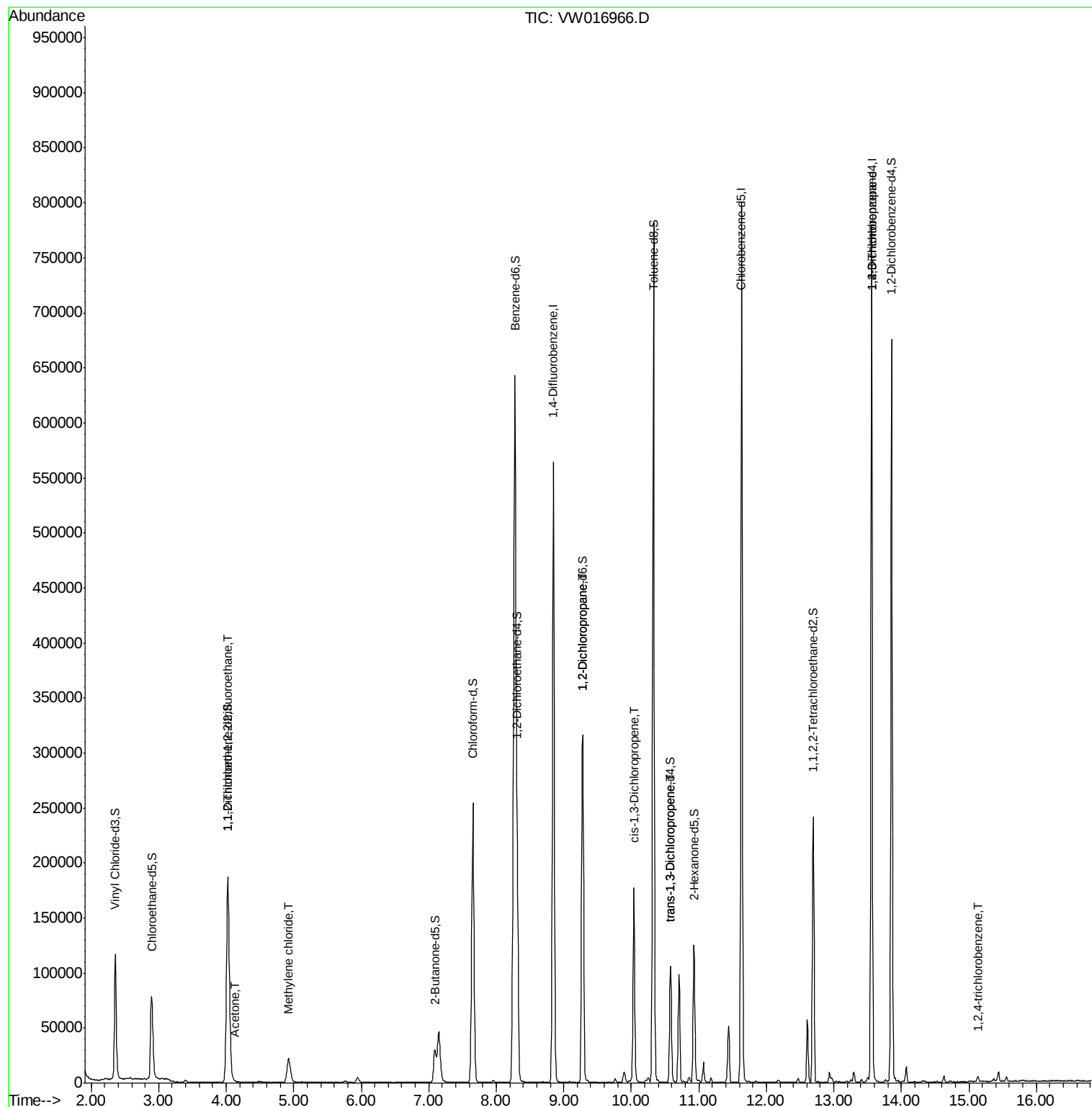
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	2358	0.331 ug/L #	19
13) Acetone	4.14	43	299	0.396 ug/L	72
16) Methylene chloride	4.92	84	20717	3.032 ug/L	96
40) 1,2-Dichloropropane	9.27	63	16781	2.924 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4282	0.477 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	2836	0.381 ug/L	90
59) 1,2,3-Trichloropropane	13.56	75	22392	6.346 ug/L	92
68) 1,2,4-trichlorobenzene	15.13	180	1943	0.241 ug/L #	93

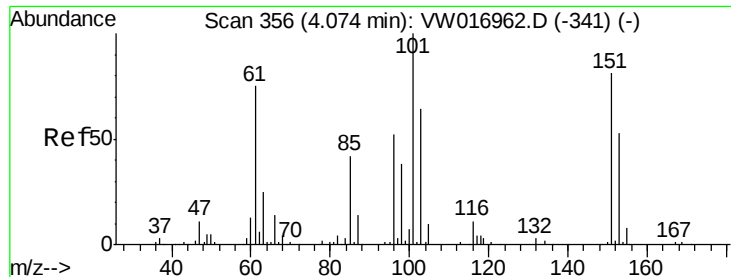
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK04

Quant Time: Oct 23 02:20:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 22 12:40:20 2020
Response via : Initial Calibration





#11

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

Concen: 0.331 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW016966.D

Acq: 22 Oct 2020 13:38

Instrument :

MSVOA_W

ClientSampled :

VBLK04

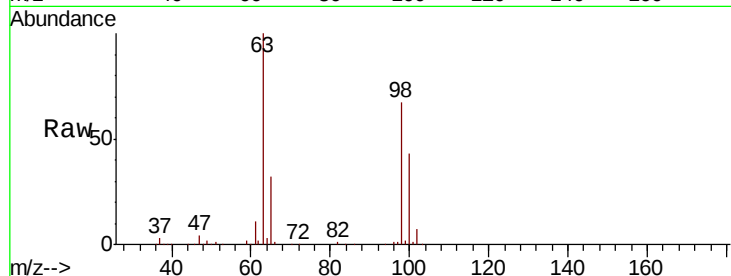
Tot Ion:101 Resp: 2358

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

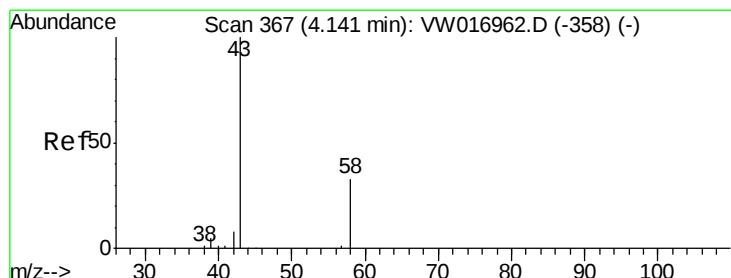
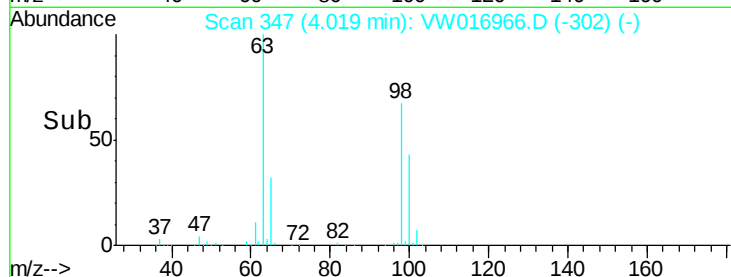
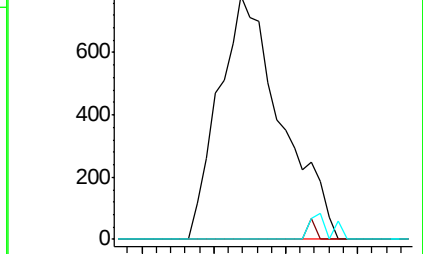
151 2.3 65.7 98.5#



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: 0.396 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016966.D

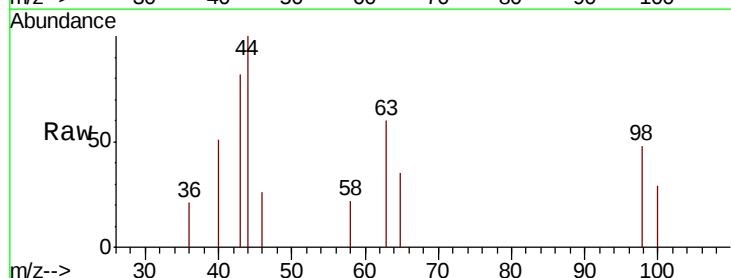
Acq: 22 Oct 2020 13:38

Tgt Ion: 43 Resp: 299

Ion Ratio Lower Upper

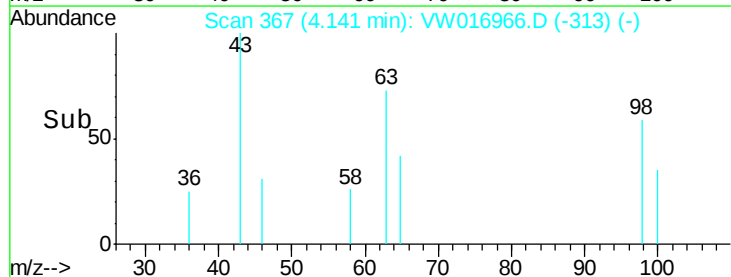
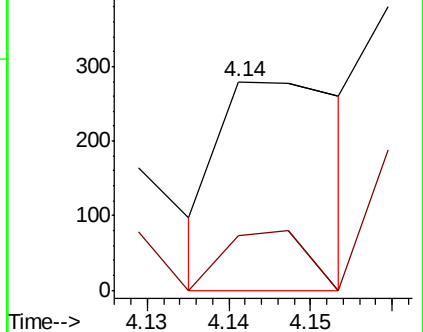
43 100

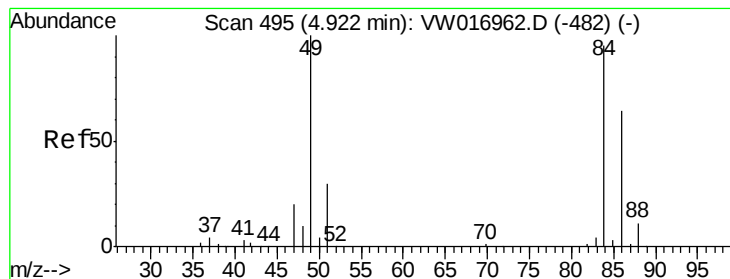
58 18.7 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16

Methvlene chloride

Concen: 3.032 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016966.D

Acq: 22 Oct 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

VBLK04

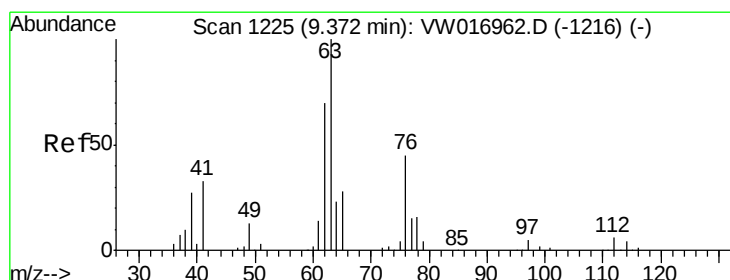
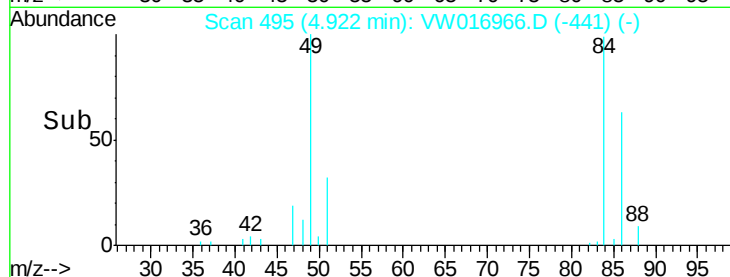
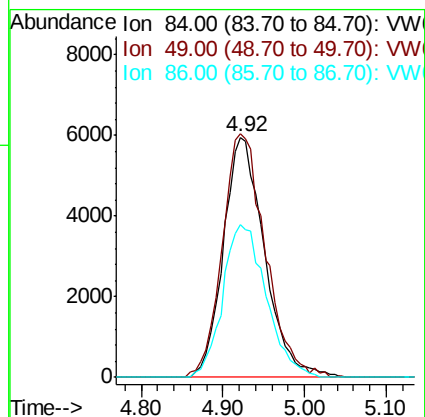
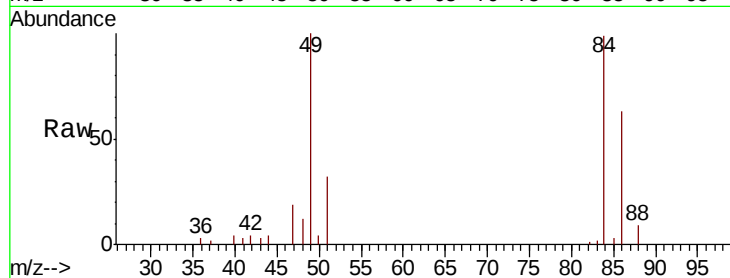
Tot Ion: 84 Resp: 20717

Ion Ratio Lower Upper

84 100

49 101.5 73.8 137.0

86 63.9 47.4 88.0



#40

1,2-Dichloropropane

Concen: 2.924 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016966.D

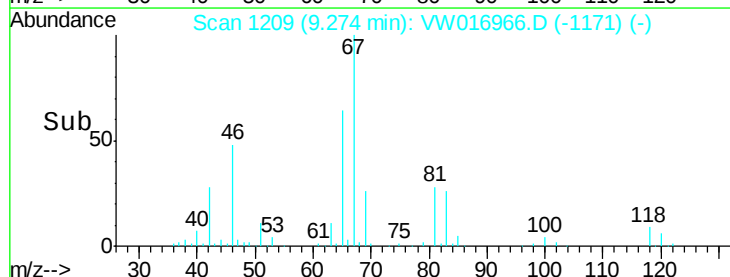
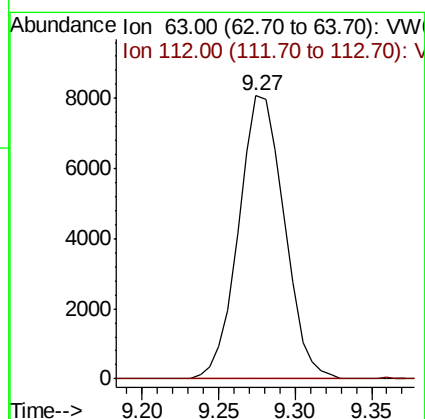
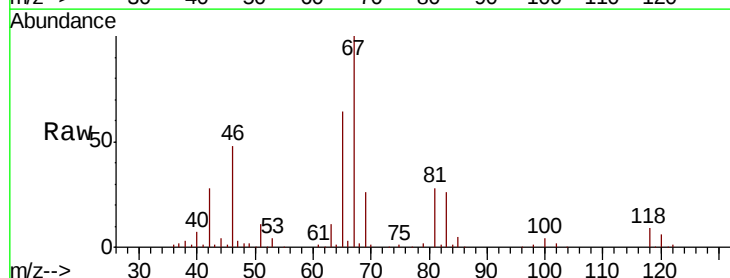
Acq: 22 Oct 2020 13:38

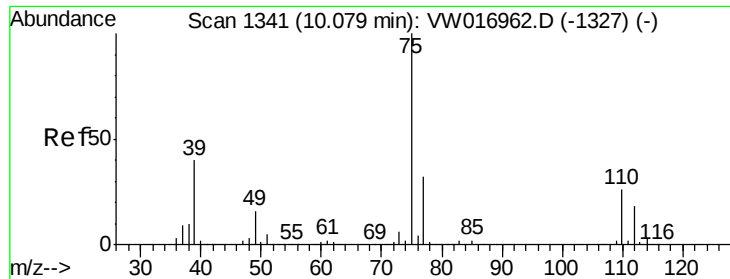
Tgt Ion: 63 Resp: 16781

Ion Ratio Lower Upper

63 100

112 0.5 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016966.D

Acq: 22 Oct 2020 13:38

Instrument :

MSVOA_W

ClientSampled :

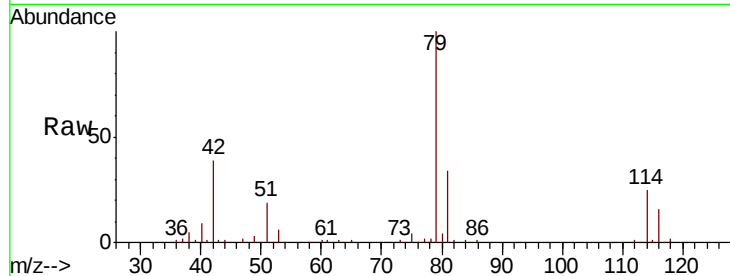
VBLK04

Tot Ion: 75 Resp: 4282

Ion Ratio Lower Upper

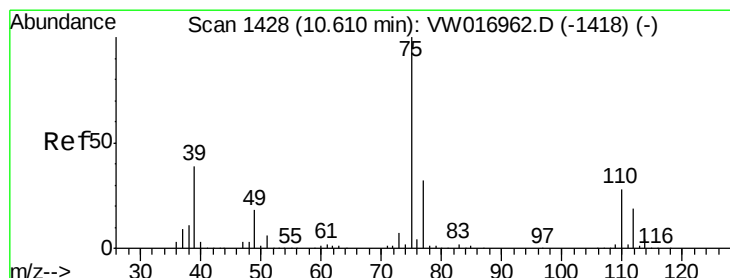
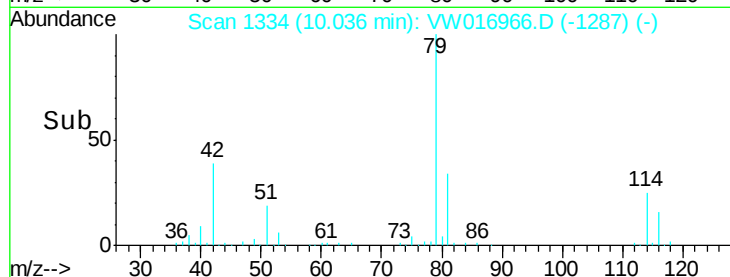
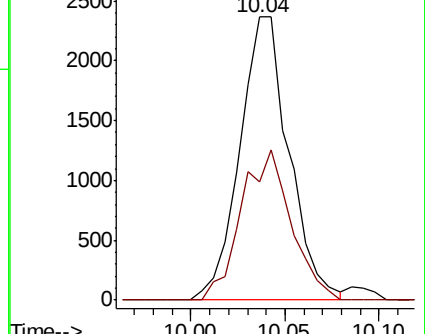
75 100

77 41.6 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.381 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016966.D

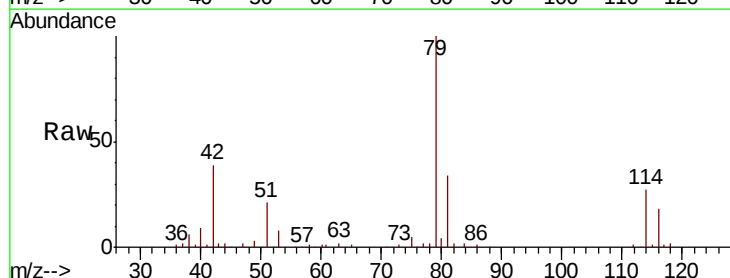
Acq: 22 Oct 2020 13:38

Tgt Ion: 75 Resp: 2836

Ion Ratio Lower Upper

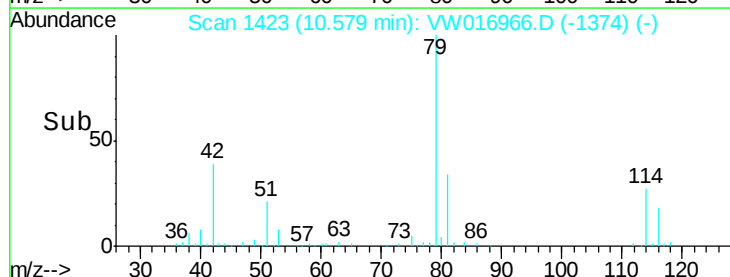
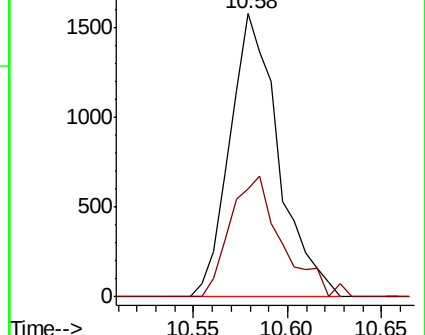
75 100

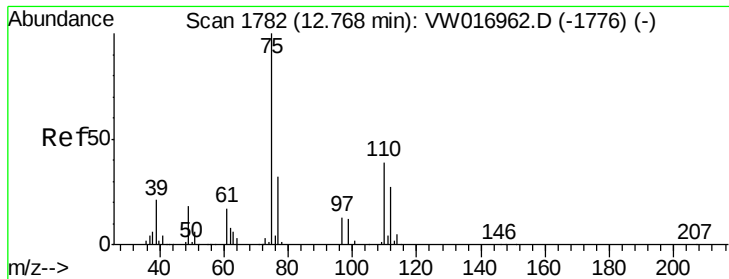
77 38.0 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

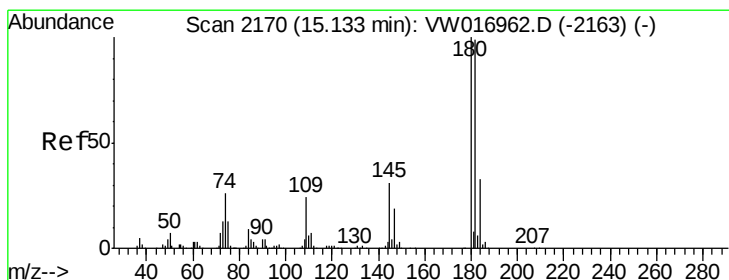
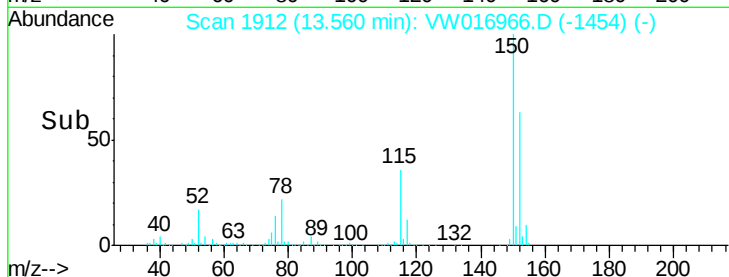
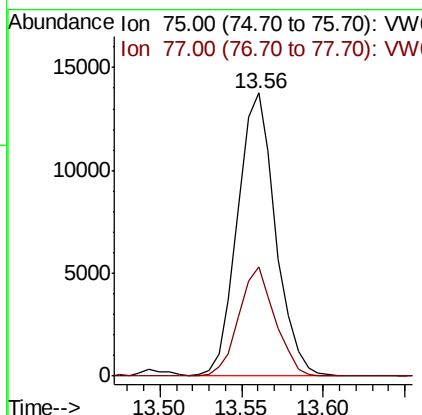
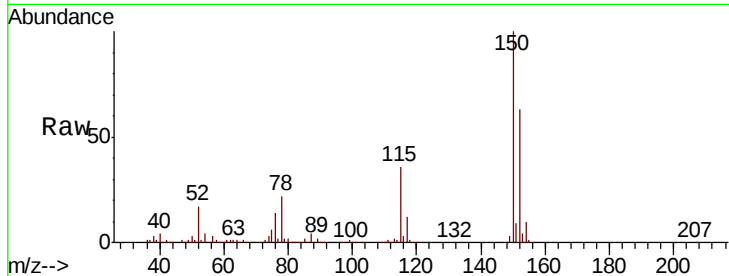




#59
 1,2,3-Trichloropropane
 Concen: 6.346 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016966.D
 Acq: 22 Oct 2020 13:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK04

Tot Ion: 75 Resp: 22392
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.8 38.8



#68
 1,2,4-trichlorobenzene
 Concen: 0.241 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016966.D
 Acq: 22 Oct 2020 13:38

Tgt Ion: 180 Resp: 1943
 Ion Ratio Lower Upper
 180 100
 182 89.8 76.6 114.8
 145 23.3 23.4 35.0#

