

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016984.D
 Acq On : 23 Oct 2020 16:04
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:33:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	515636	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	472374	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219193	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148852	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
7) Chloroethane-d5	2.89	69	113067	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.08%
10) 1,1-Dichloroethene-d2	4.02	63	211327	18.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.04%
20) 2-Butanone-d5	7.09	46	55621	49.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.24%
24) Chloroform-d	7.65	84	284502	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	8.31	65	143264	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.36%
29) Benzene-d6	8.28	84	603148	24.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.44%
33) 1,2-Dichloropropane-d6	9.28	67	164928	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.72%
37) Toluene-d8	10.33	98	569332	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.68%
38) trans-1,3-Dichloropropene-	10.58	79	66355	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	47482	51.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127251	25.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	206730	26.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.32%

Target Compounds

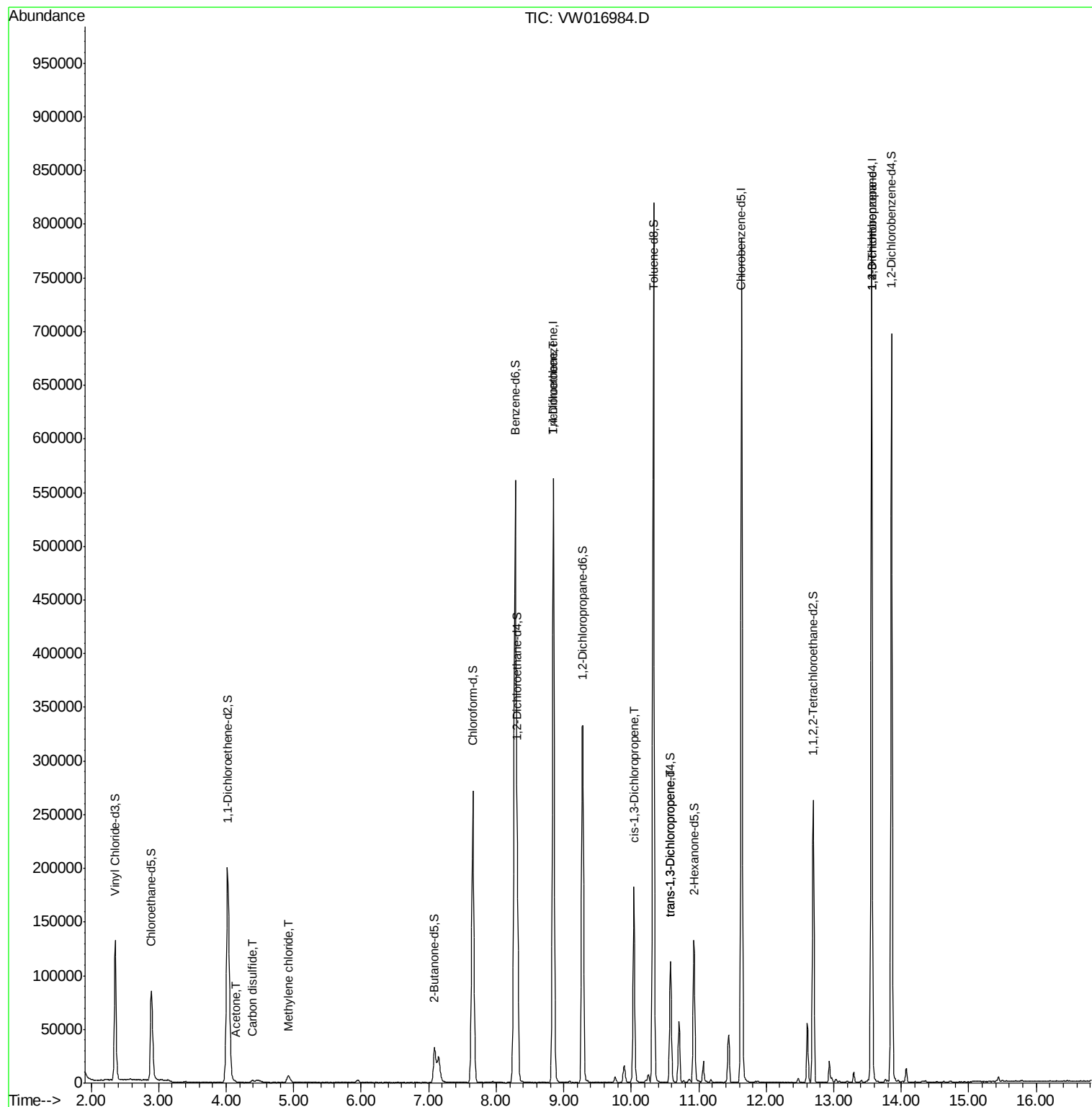
					Ovalue
13) Acetone	4.15	43	326	0.432 ug/L	70
14) Carbon disulfide	4.40	76	4328	0.212 ug/L	95
16) Methylene chloride	4.92	84	5737	0.842 ug/L	93
35) Trichloroethene	8.85	95	14387	1.991 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4681	0.514 ug/L #	59
45) trans-1,3-Dichloropropene	10.58	75	2799	0.371 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	23037	6.429 ug/L	93

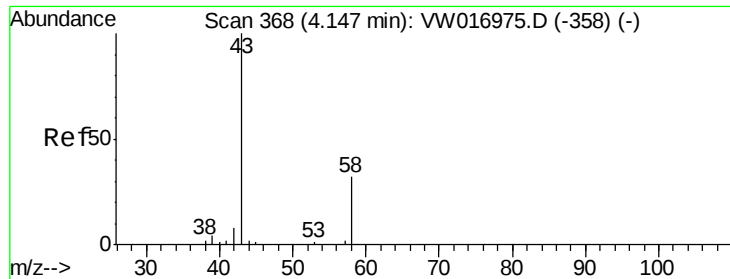
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 24 00:31:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.432 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW016984.D

Acq: 23 Oct 2020 16:04

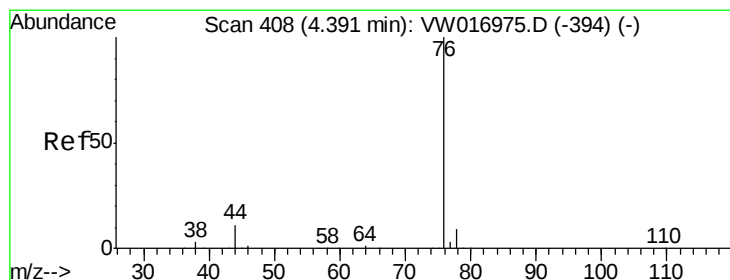
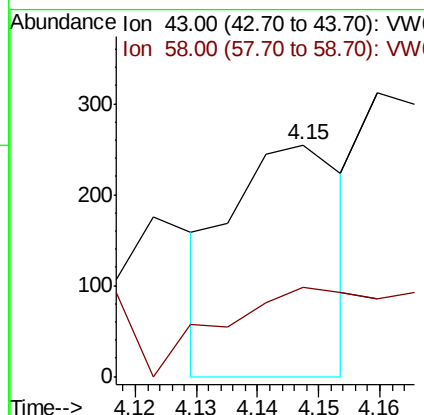
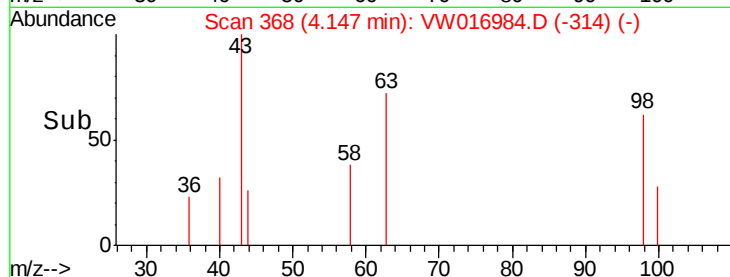
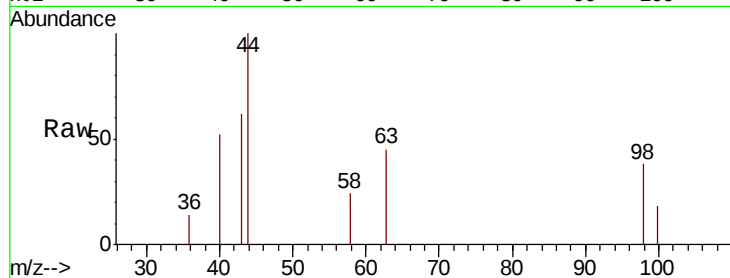
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

58 52.5 0.0 69.8



#14

Carbon disulfide

Concen: 0.212 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW016984.D

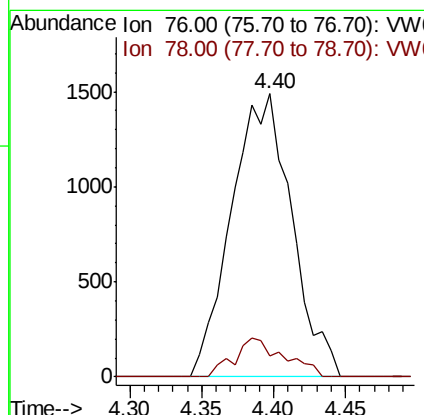
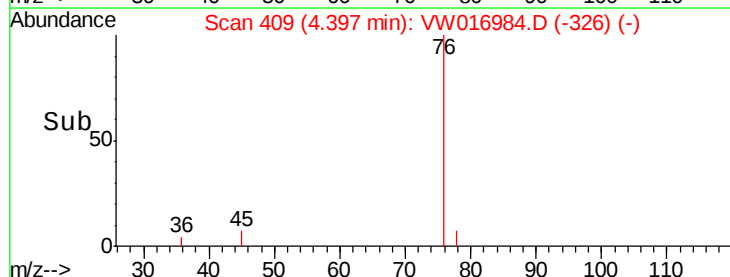
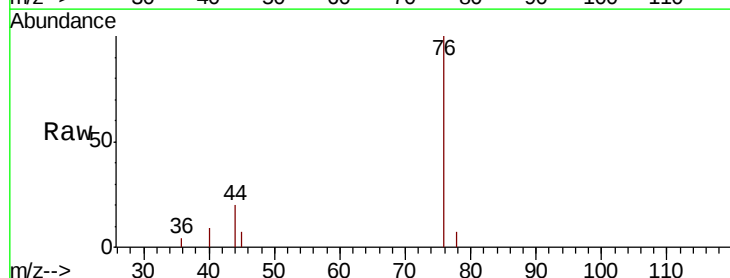
Acq: 23 Oct 2020 16:04

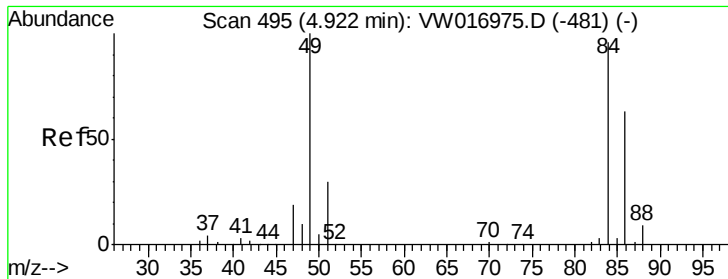
Tgt Ion: 76 Resp: 4328

Ion Ratio Lower Upper

76 100

78 7.4 7.3 10.9

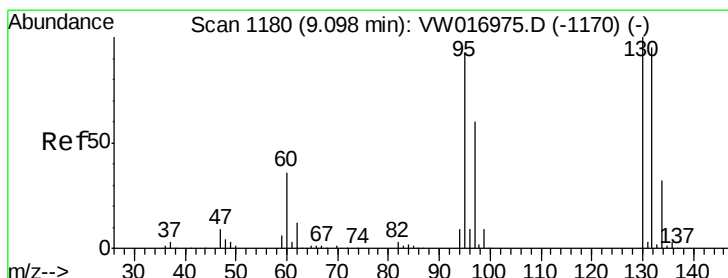
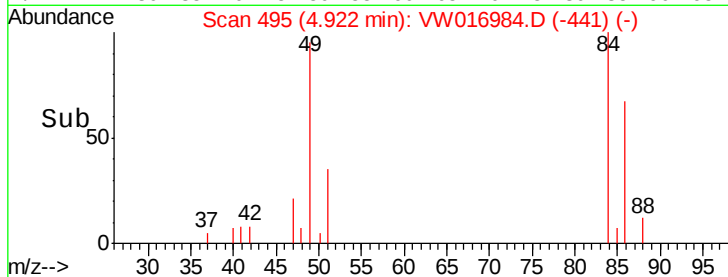
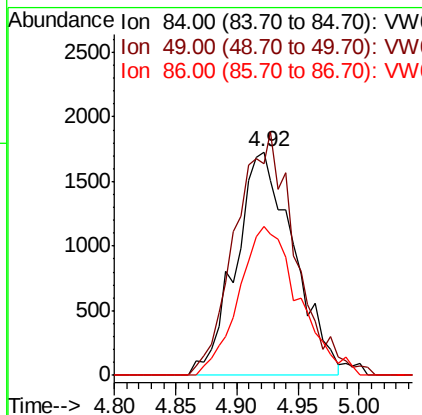
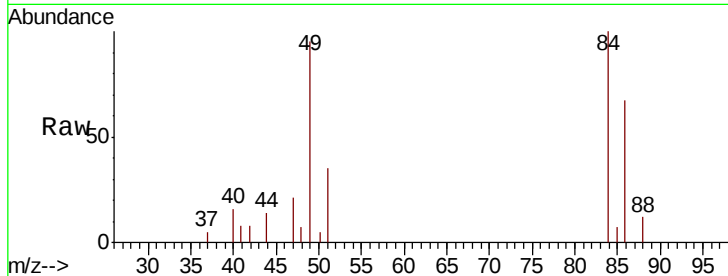




#16
Methvlene chloride
Concen: 0.842 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016984.D
Acq: 23 Oct 2020 16:04

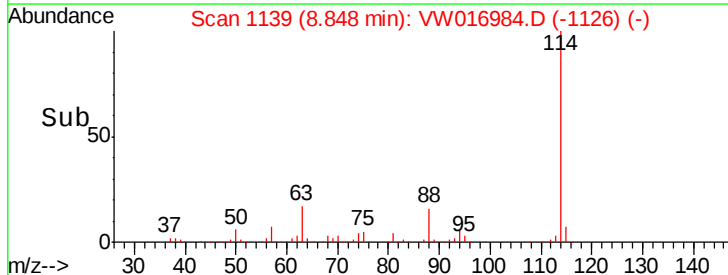
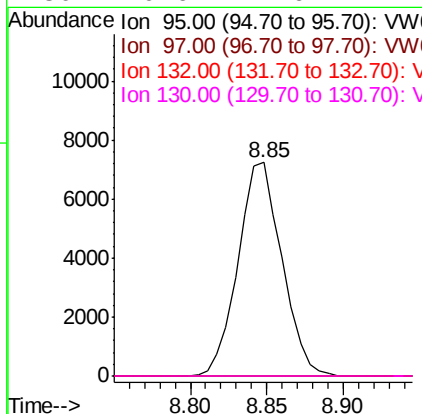
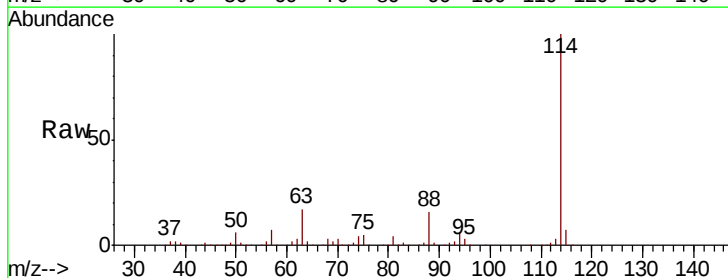
Instrument :
MSVOA_W
ClientSampleId :

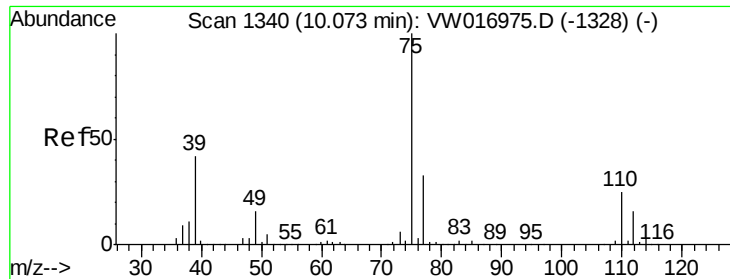
Tot Ion: 84 Resp: 5737
Ion Ratio Lower Upper
84 100
49 94.7 73.8 137.0
86 66.6 47.4 88.0



#35
Trichloroethene
Concen: 1.991 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016984.D
Acq: 23 Oct 2020 16:04

Tgt Ion: 95 Resp: 14387
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.9 137.3#
130 0.6 77.6 144.2#

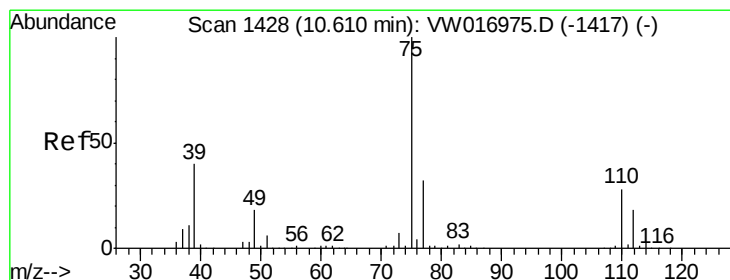
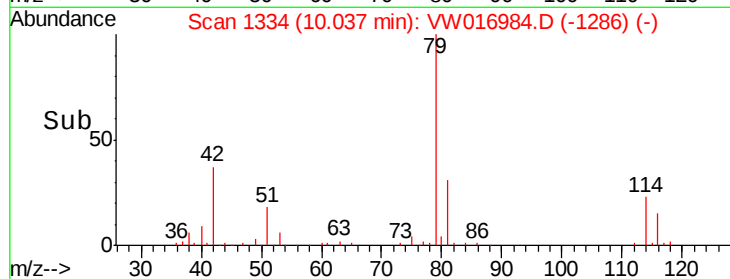
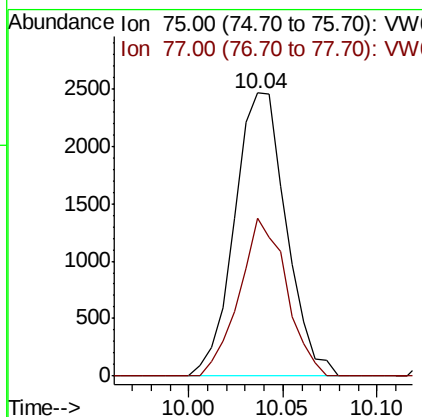
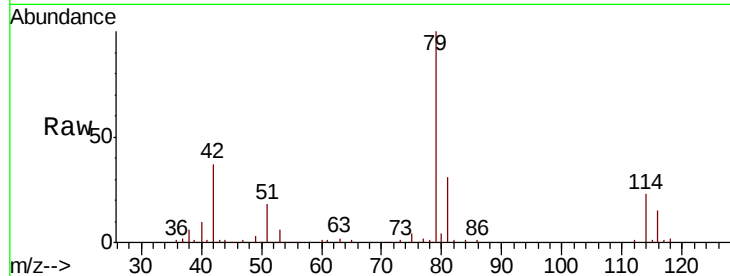




#42
 cis-1,3-Dichloropropene
 Concen: 0.514 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016984.D
 Acq: 23 Oct 2020 16:04

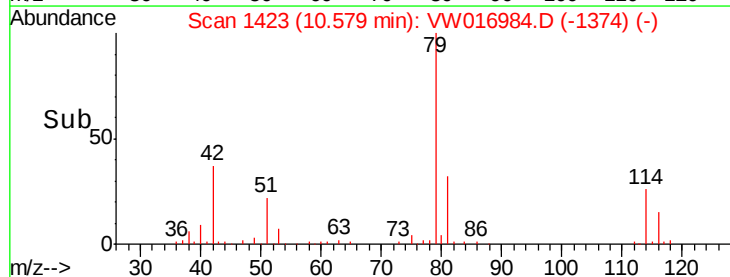
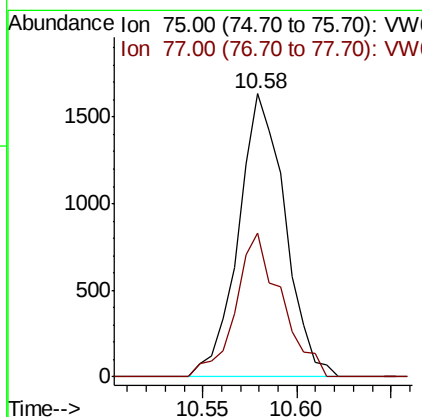
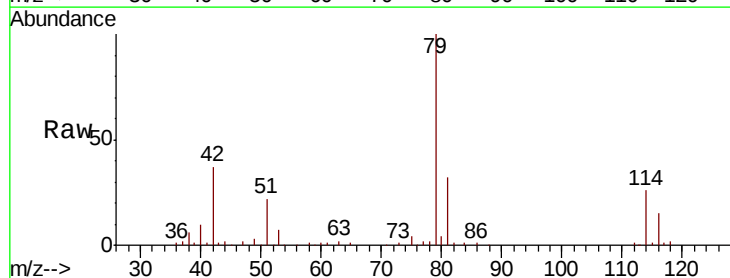
Instrument :
 MSVOA_W
 ClientSampled :

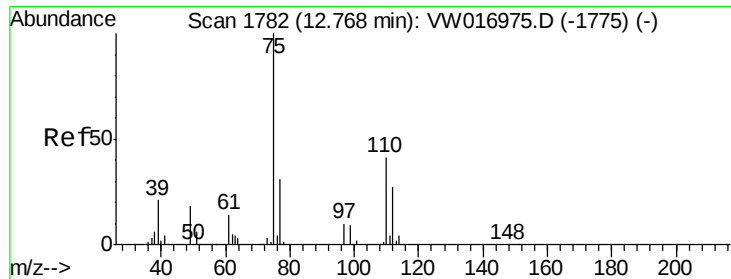
Tot Ion: 75 Resp: 4681
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.7 42.1#



#45
 trans-1,3-Dichloropropene
 Concen: 0.371 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW016984.D
 Acq: 23 Oct 2020 16:04

Tgt Ion: 75 Resp: 2799
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.7 42.3#





#59

1,2,3-Trichloropropane

Concen: 6.429 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016984.D

Acq: 23 Oct 2020 16:04

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 23037

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8

