

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016765.D
 Acq On : 02 Oct 2020 16:08
 Operator : SY/VA
 Sample : L4235-05
 Misc : 5.61G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:57:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	627727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	564466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	266604	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	99031	16.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.20%
7) Chloroethane-d5	2.90	69	98978	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.80%
10) 1,1-Dichloroethene-d2	4.03	63	171088	12.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.36%
20) 2-Butanone-d5	7.09	46	67267	40.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.22%
24) Chloroform-d	7.66	84	301625	22.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	8.31	65	151923	22.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.16%
29) Benzene-d6	8.28	84	575155	22.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.88%
33) 1,2-Dichloropropane-d6	9.28	67	167989	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.96%
37) Toluene-d8	10.33	98	534466	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.84%
38) trans-1,3-Dichloropropene-	10.59	79	62543	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.32%
39) 2-Hexanone-d5	10.93	63	56219	45.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137712	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	211200	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

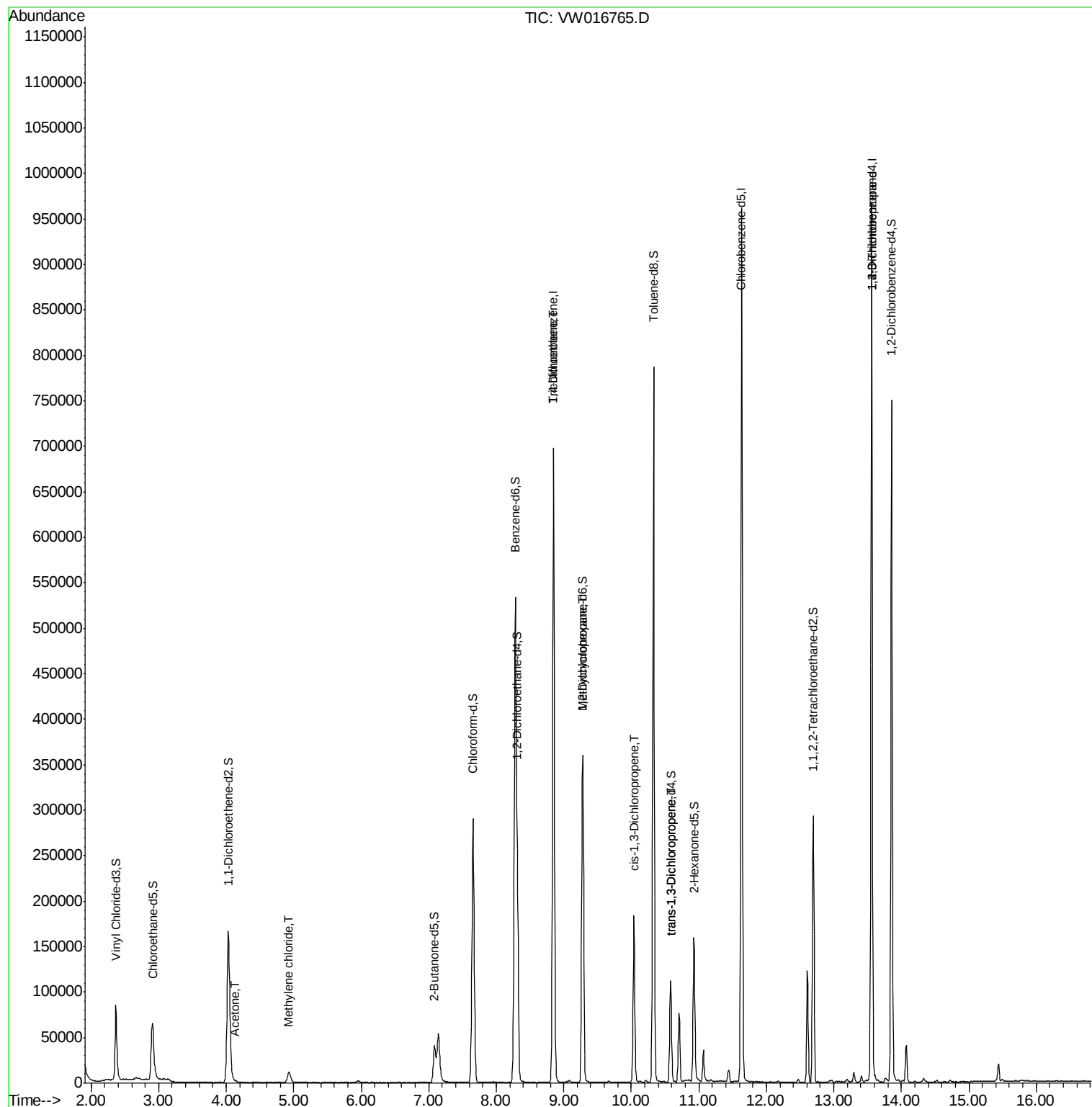
					Ovalue
13) Acetone	4.13	43	1383	1.066 ug/L	98
16) Methylene chloride	4.93	84	10392	1.073 ug/L	96
35) Trichloroethene	8.85	95	17599	2.011 ug/L #	2
36) Methylcyclohexane	9.28	83	44011	2.964 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	5042	0.419 ug/L #	66
45) trans-1,3-Dichloropropene	10.59	75	3062	0.293 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	27053	5.479 ug/L	90

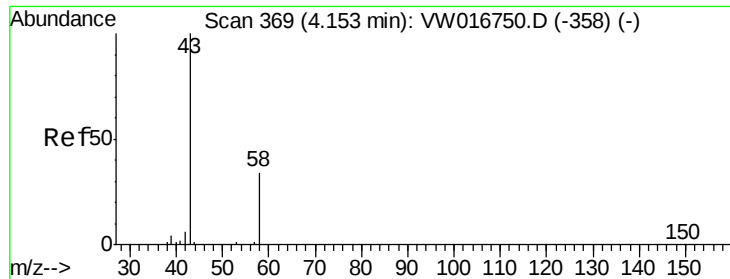
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.066 ug/L

RT: 4.13 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016765.D

Acq: 02 Oct 2020 16:08

Instrument :

MSVOA_W

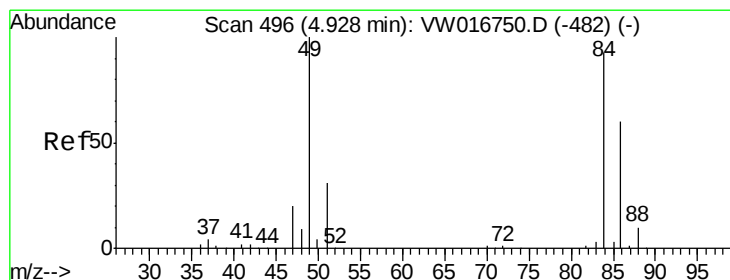
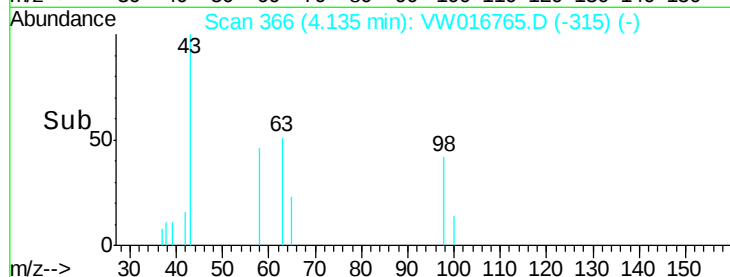
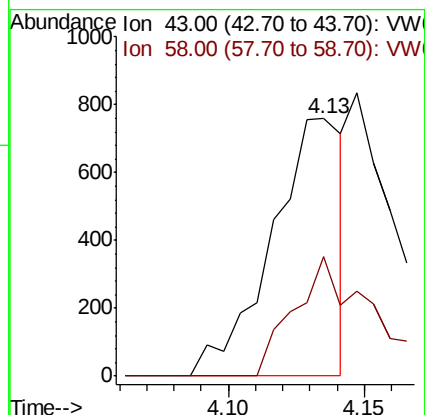
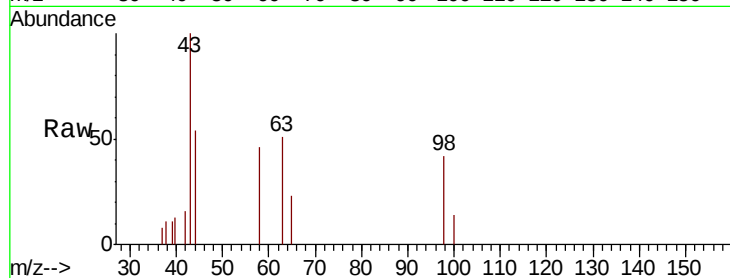
ClientSampled :

Tot Ion: 43 Resp: 1383

Ion Ratio Lower Upper

43 100

58 29.3 0.0 60.2



#16

Methylene chloride

Concen: 1.073 ug/L

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VW016765.D

Acq: 02 Oct 2020 16:08

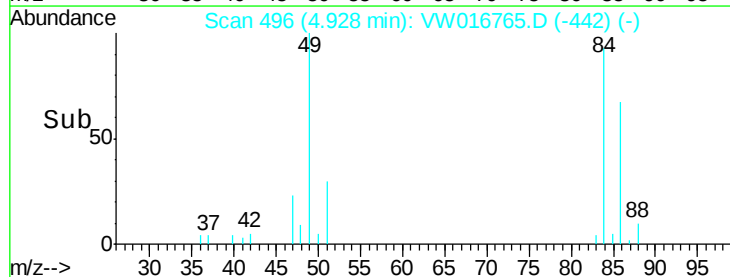
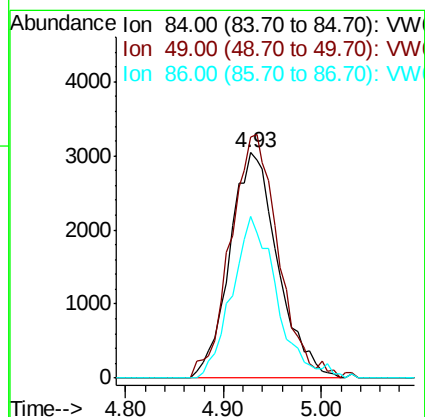
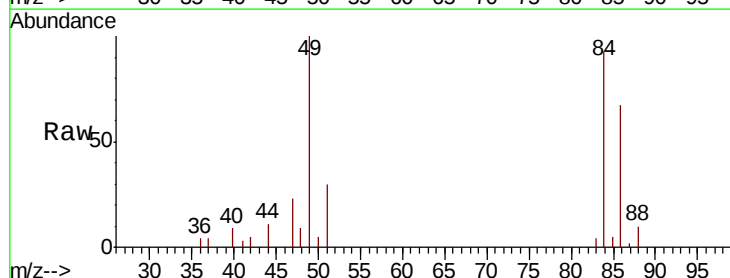
Tgt Ion: 84 Resp: 10392

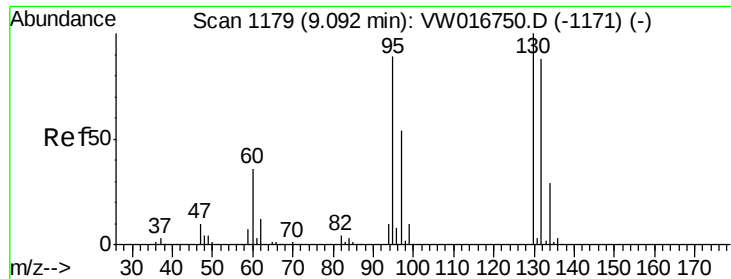
Ion Ratio Lower Upper

84 100

49 107.0 76.0 141.2

86 71.9 45.6 84.6

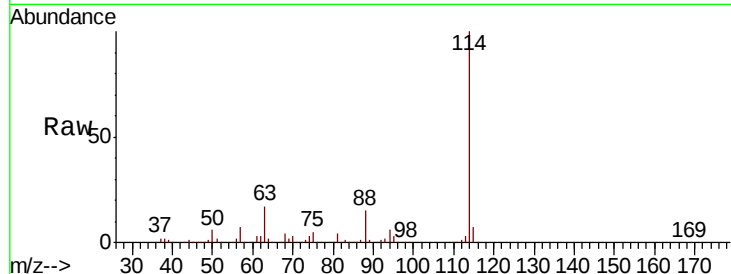




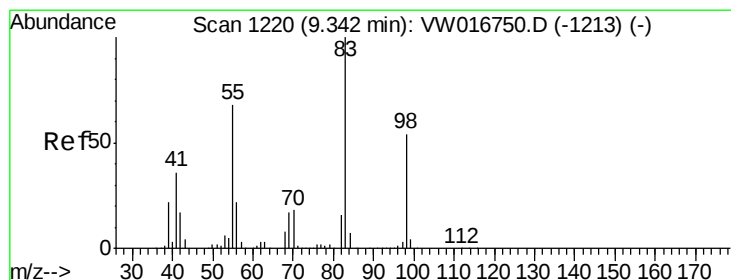
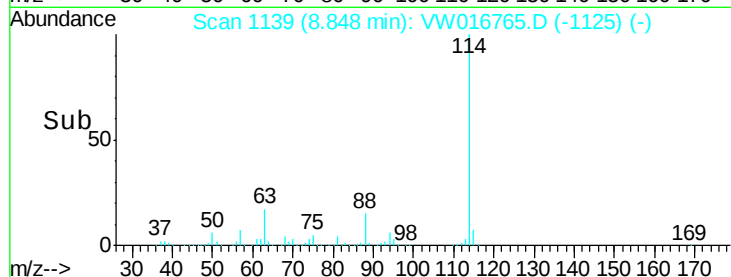
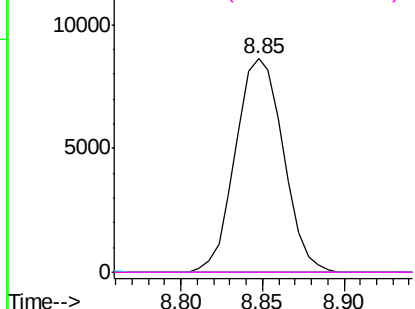
#35
 Trichloroethene
 Concen: 2.011 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW016765.D
 Acq: 02 Oct 2020 16:08

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.2	84.0#
132	0.0	73.3	136.1#
130	0.0	77.5	143.9#

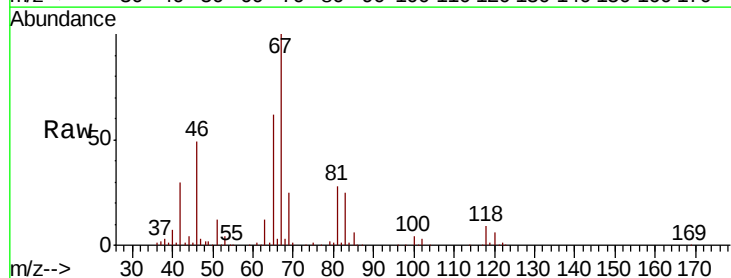


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

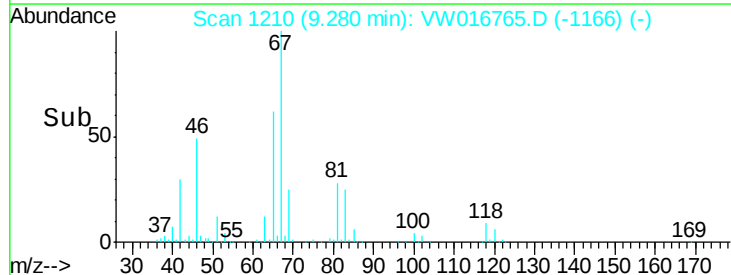
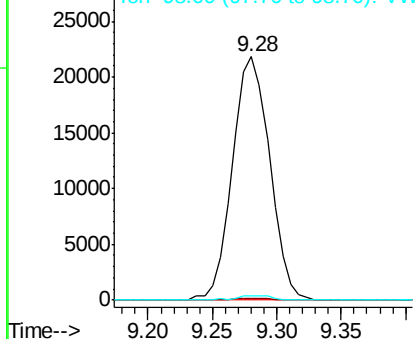


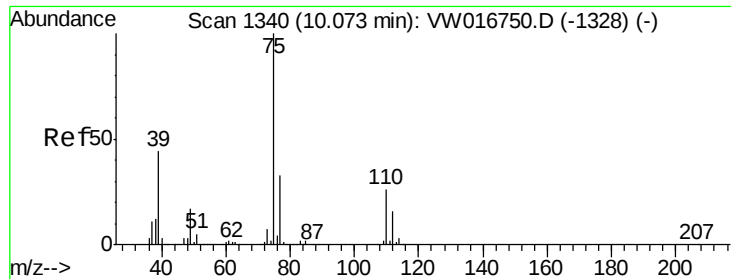
#36
 Methylcyclohexane
 Concen: 2.964 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.06 min
 Lab File: VW016765.D
 Acq: 02 Oct 2020 16:08

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	55.9	83.9#
98	1.0	42.1	63.1#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.419 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016765.D

Acq: 02 Oct 2020 16:08

Instrument :

MSVOA_W

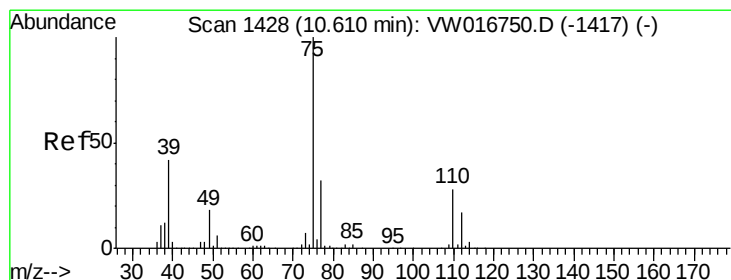
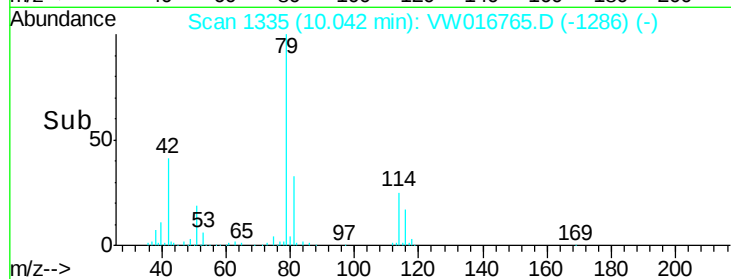
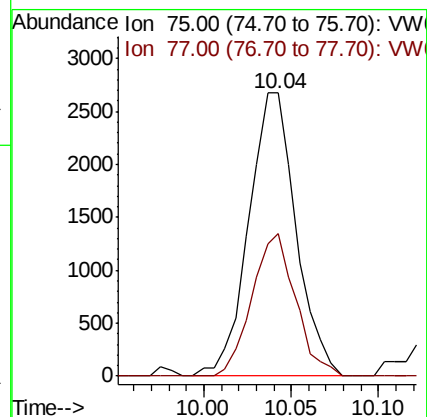
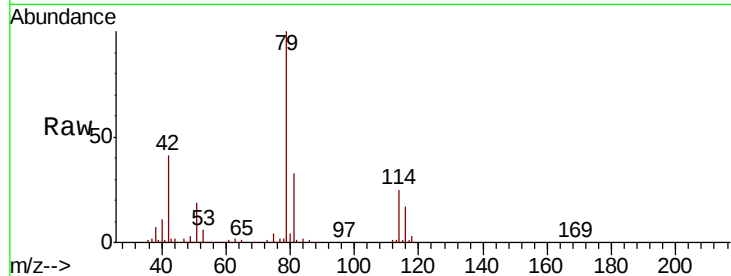
ClientSampled :

Tot Ion: 75 Resp: 5042

Ion Ratio Lower Upper

75 100

77 50.3 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.293 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016765.D

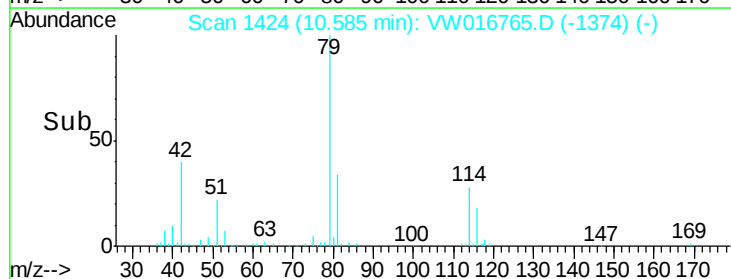
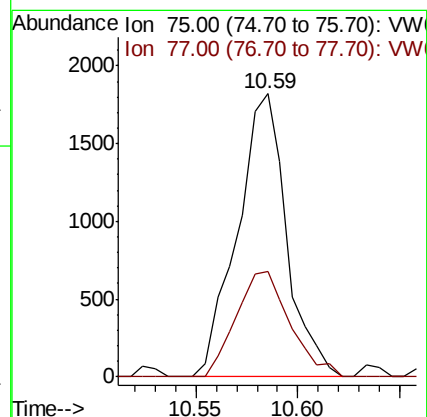
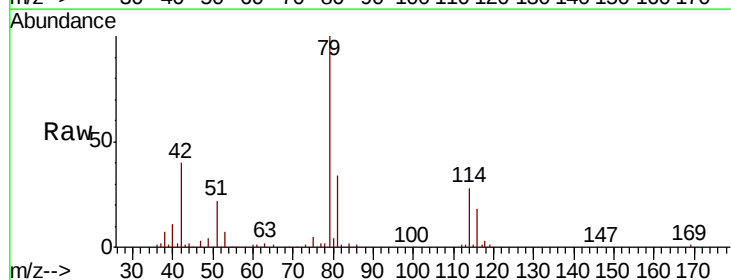
Acq: 02 Oct 2020 16:08

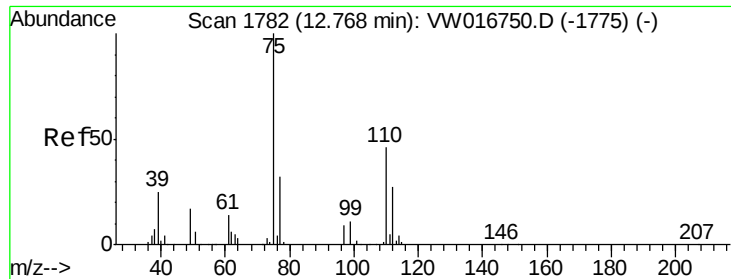
Tgt Ion: 75 Resp: 3062

Ion Ratio Lower Upper

75 100

77 37.4 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.479 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016765.D

Acq: 02 Oct 2020 16:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 27053

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.4

