

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016757.D
 Acq On : 02 Oct 2020 12:41
 Operator : SY/VA
 Sample : L4201-18
 Misc : 5.59G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:56:36 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	588334	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	475827	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	103489	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.68%
7) Chloroethane-d5	2.91	69	102953	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
10) 1,1-Dichloroethene-d2	4.03	63	174961	13.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.96%
20) 2-Butanone-d5	7.09	46	55625	35.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.66%
24) Chloroform-d	7.66	84	295138	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	8.31	65	141215	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.40%
29) Benzene-d6	8.28	84	563922	26.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.72%
33) 1,2-Dichloropropane-d6	9.28	67	164040	28.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.48%
37) Toluene-d8	10.33	98	503580	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.59	79	51779	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	10.93	63	41543	39.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117296	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	139866	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

Target Compounds

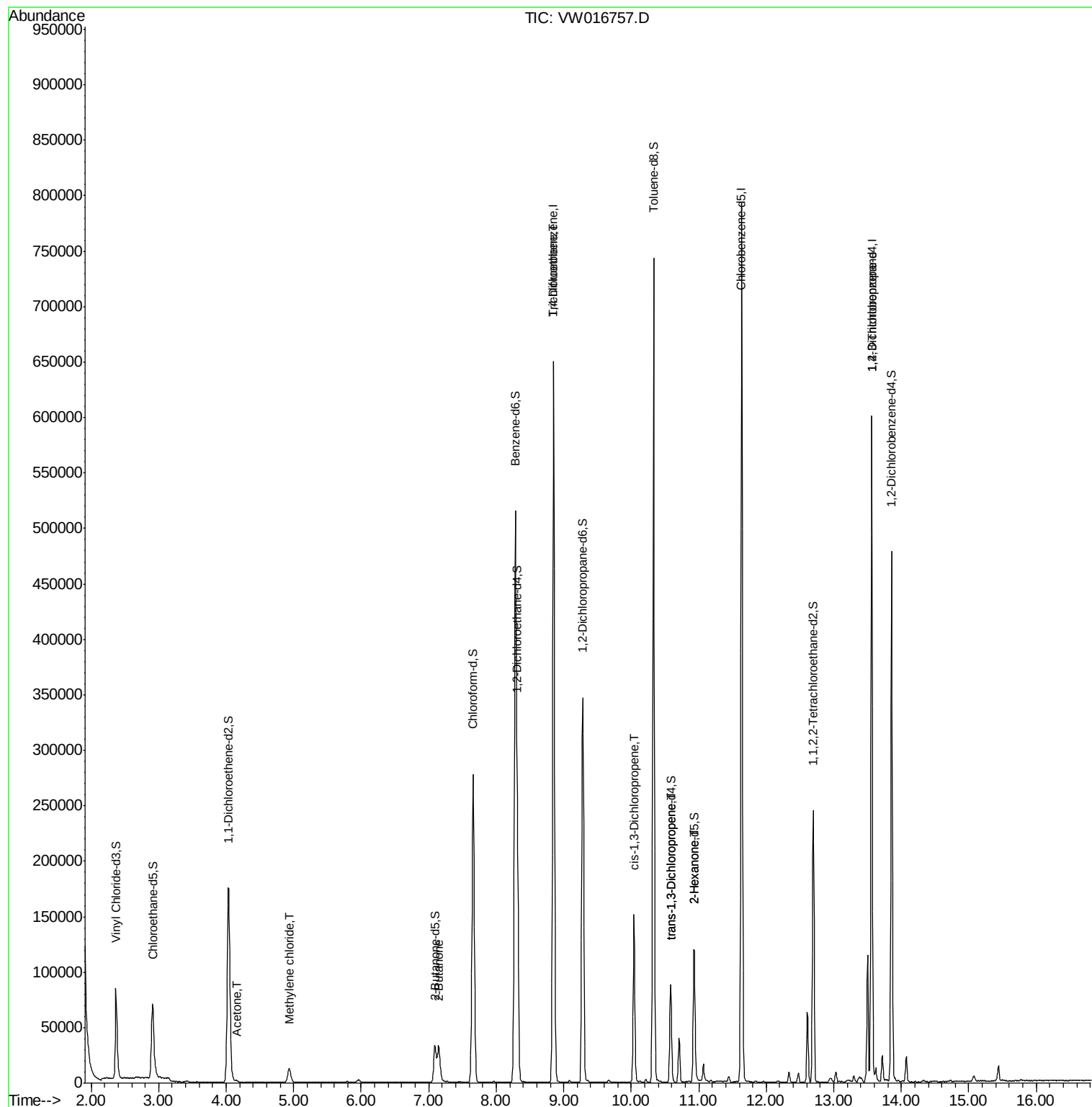
					Ovalue
13) Acetone	4.15	43	1727	1.420 ug/L	77
16) Methylene chloride	4.94	84	10326	1.138 ug/L	96
21) 2-Butanone	7.15	43	3774	1.824 ug/L #	48
35) Trichloroethene	8.85	95	17093	2.316 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4026	0.397 ug/L #	62
45) trans-1,3-Dichloropropene	10.59	75	2391	0.271 ug/L	93
49) 2-Hexanone	10.93	43	5541	2.317 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	17505	4.206 ug/L	90

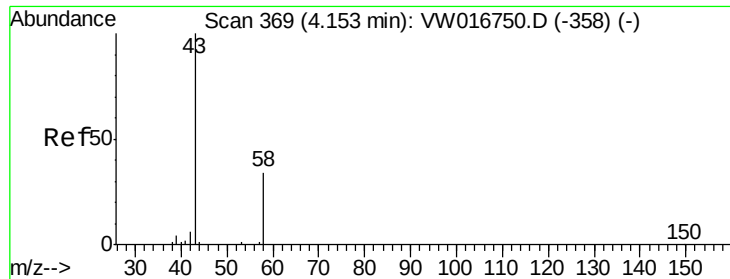
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.420 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW016757.D

Acq: 02 Oct 2020 12:41

Instrument :

MSVOA_W

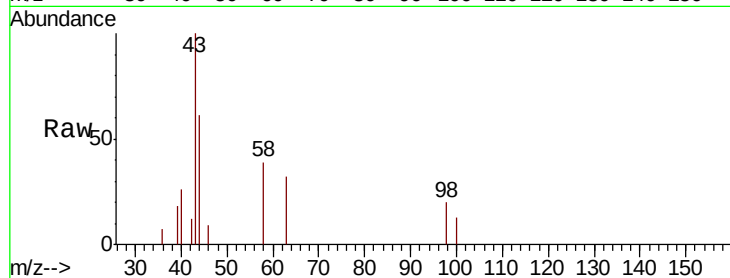
ClientSampled :

Tot Ion: 43 Resp: 1727

Ion Ratio Lower Upper

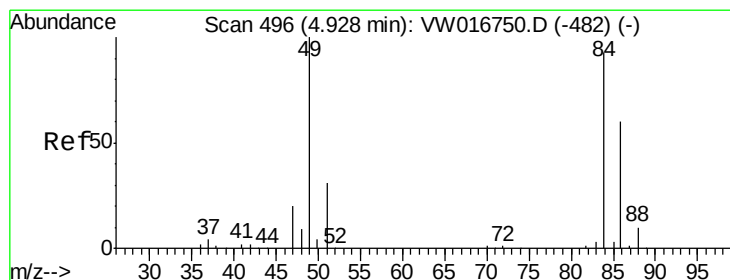
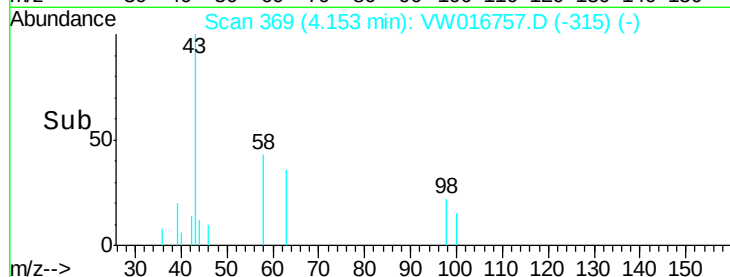
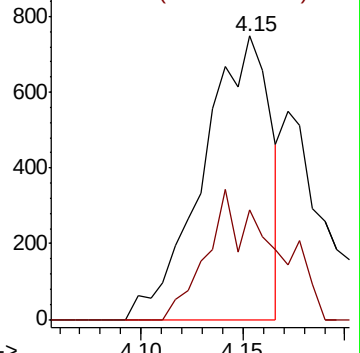
43 100

58 17.7 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: 1.138 ug/L

RT: 4.94 min Scan# 498

Delta R.T. 0.01 min

Lab File: VW016757.D

Acq: 02 Oct 2020 12:41

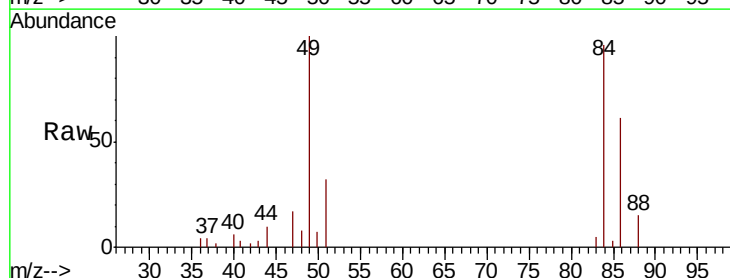
Tgt Ion: 84 Resp: 10326

Ion Ratio Lower Upper

84 100

49 103.8 76.0 141.2

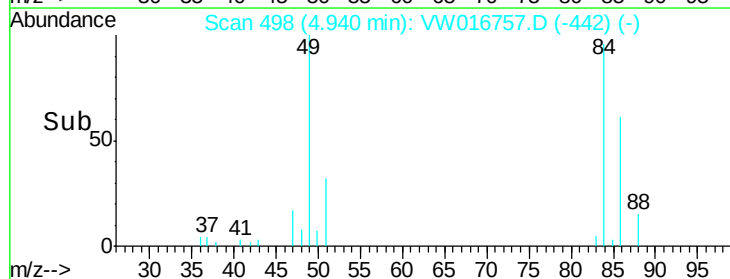
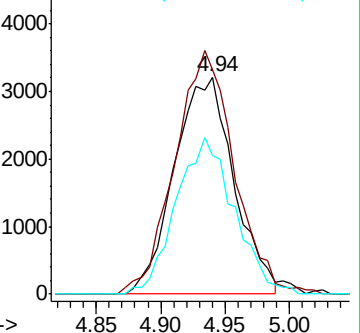
86 63.8 45.6 84.6

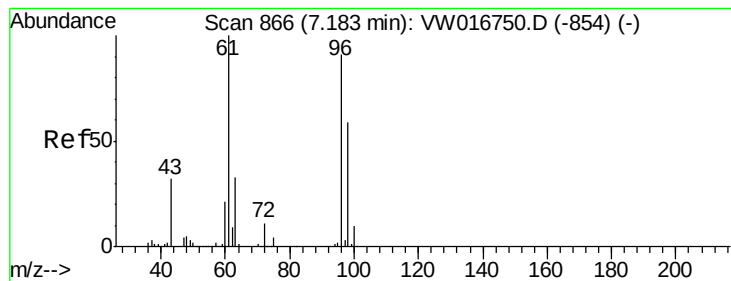


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.824 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW016757.D

Acq: 02 Oct 2020 12:41

Instrument :

MSVOA_W

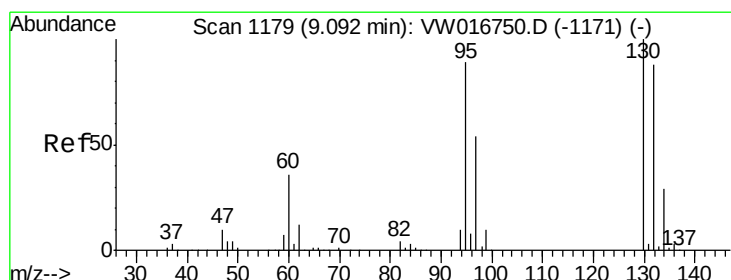
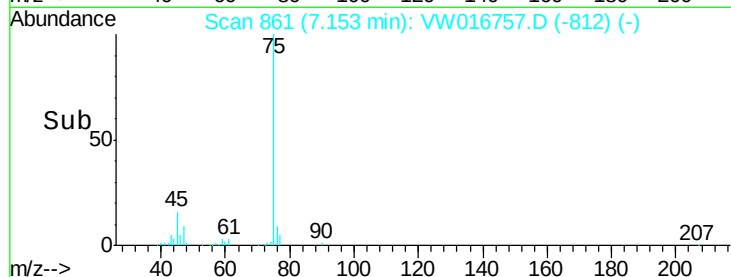
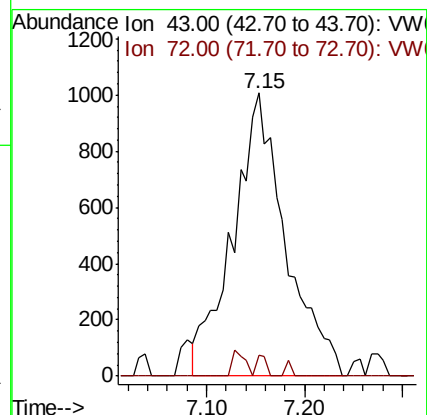
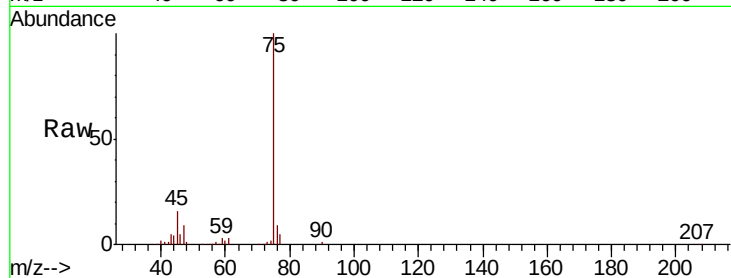
ClientSampleId :

Tot Ion: 43 Resp: 3774

Ion Ratio Lower Upper

43 100

72 1.4 14.6 43.8#



#35

Trichloroethene

Concen: 2.316 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016757.D

Acq: 02 Oct 2020 12:41

Tgt Ion: 95 Resp: 17093

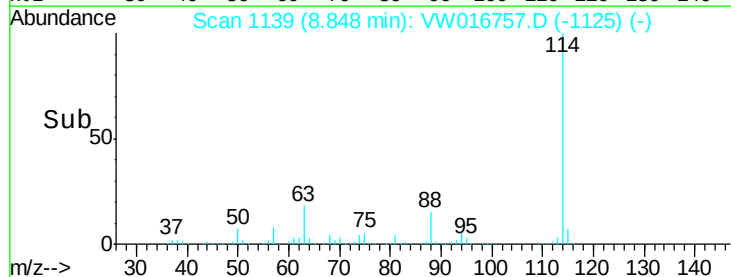
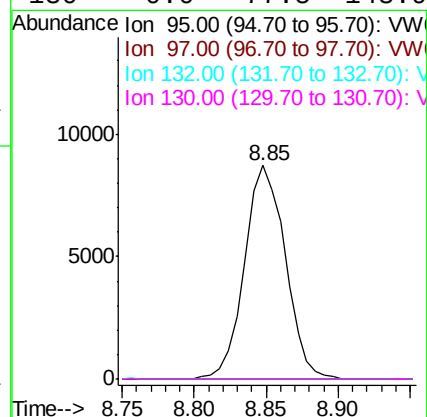
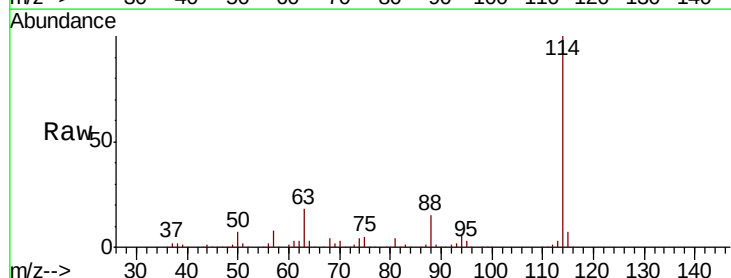
Ion Ratio Lower Upper

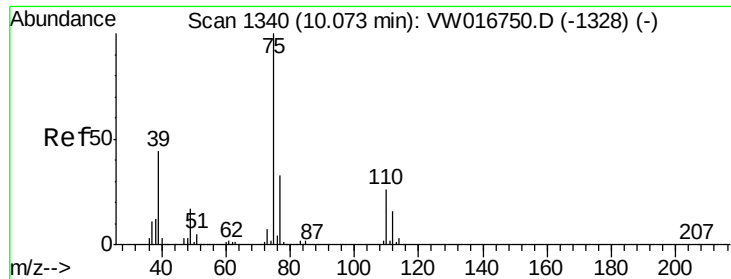
95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#





#42

cis-1,3-Dichloropropene

Concen: 0.397 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016757.D

Acq: 02 Oct 2020 12:41

Instrument :

MSVOA_W

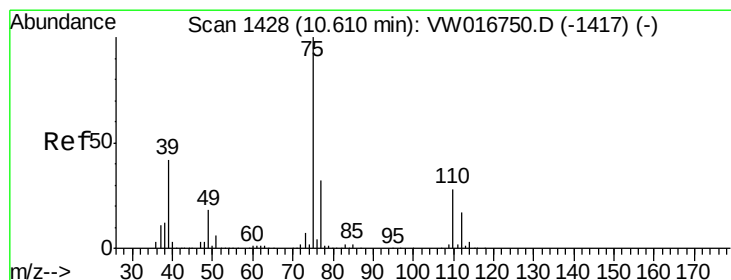
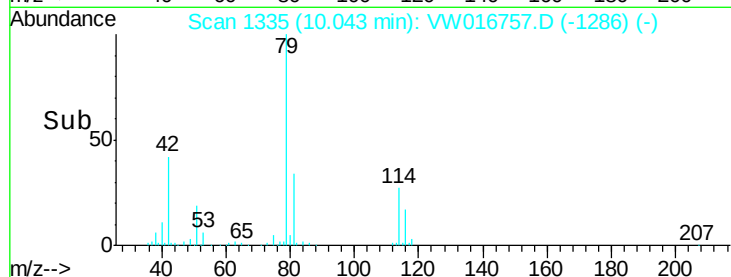
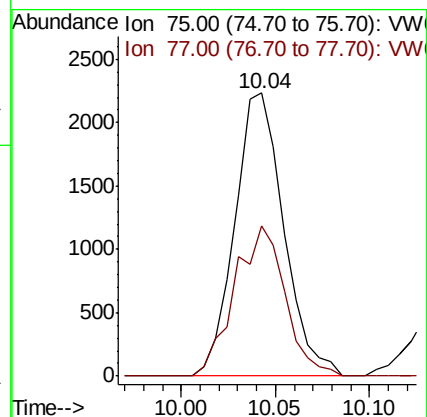
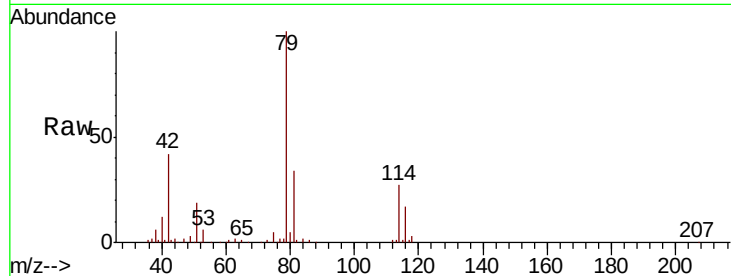
ClientSampled :

Tot Ion: 75 Resp: 4026

Ion Ratio Lower Upper

75 100

77 52.9 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.271 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016757.D

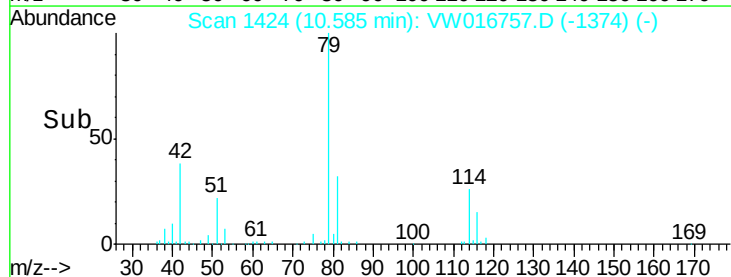
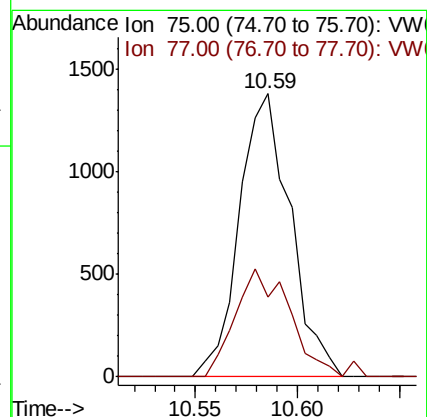
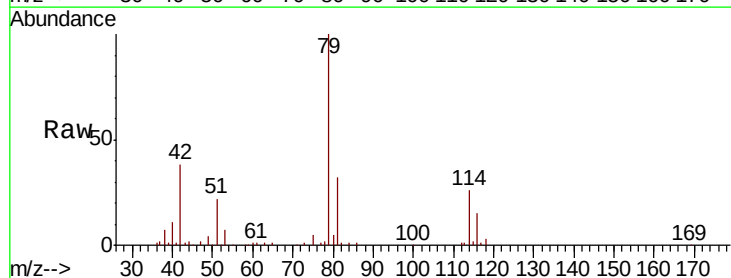
Acq: 02 Oct 2020 12:41

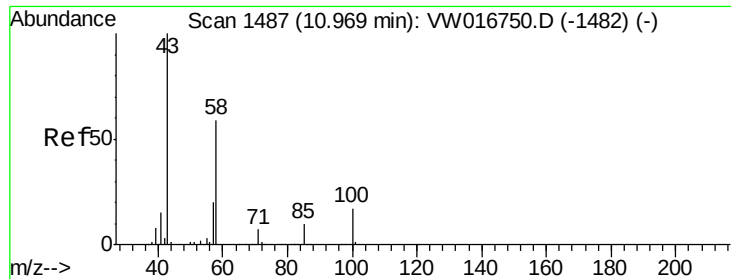
Tgt Ion: 75 Resp: 2391

Ion Ratio Lower Upper

75 100

77 28.3 22.5 41.9

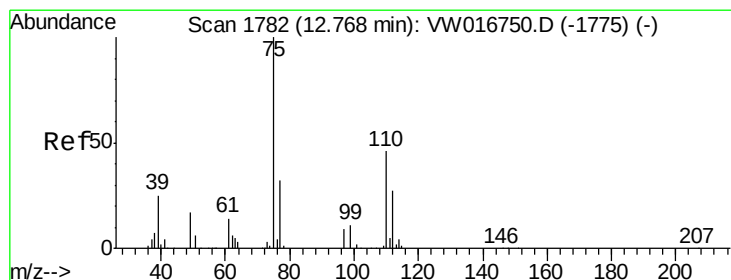
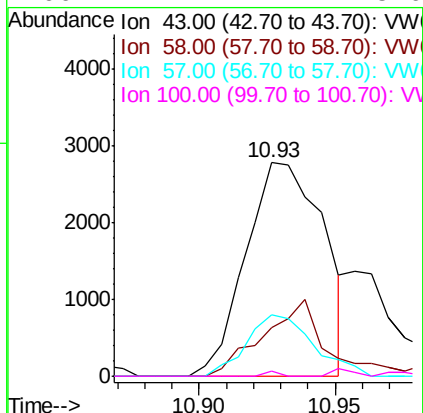
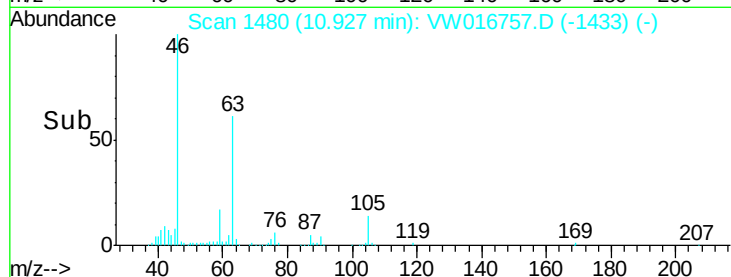
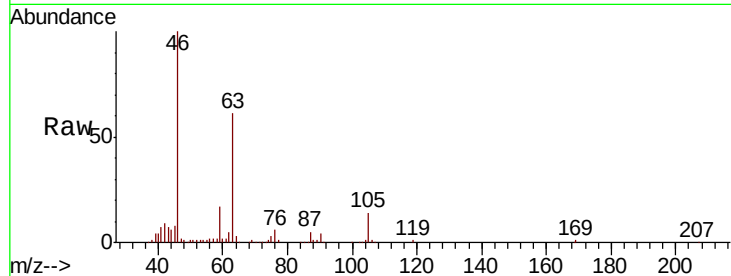




#49
2-Hexanone
Concen: 2.317 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016757.D
Acq: 02 Oct 2020 12:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 5541
Ion Ratio Lower Upper
43 100
58 29.2 44.2 66.2#
57 24.5 16.3 24.5
100 1.1 12.4 18.6#



#59
1,2,3-Trichloropropane
Concen: 4.206 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016757.D
Acq: 02 Oct 2020 12:41

Tgt Ion: 75 Resp: 17505
Ion Ratio Lower Upper
75 100
77 38.4 26.2 39.4

