

Data File : VW017368.D
Acq On : 19 Nov 2020 13:49
Operator : SY/VA
Sample : L4793-02
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA2

Quant Time: Nov 20 01:20:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	344295	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135908	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	130707	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.56%
7) Chloroethane-d5	2.89	69	103603	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
10) 1,1-Dichloroethene-d2	4.02	63	160282	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.92%
20) 2-Butanone-d5	7.08	46	36816	43.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.96%
24) Chloroform-d	7.65	84	217415	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.31	65	107303	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.20%
29) Benzene-d6	8.27	84	430468	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
33) 1,2-Dichloropropane-d6	9.27	67	116681	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.33	98	401111	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	10.58	79	46619	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
39) 2-Hexanone-d5	10.93	63	28635	46.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84439	24.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	129987	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds

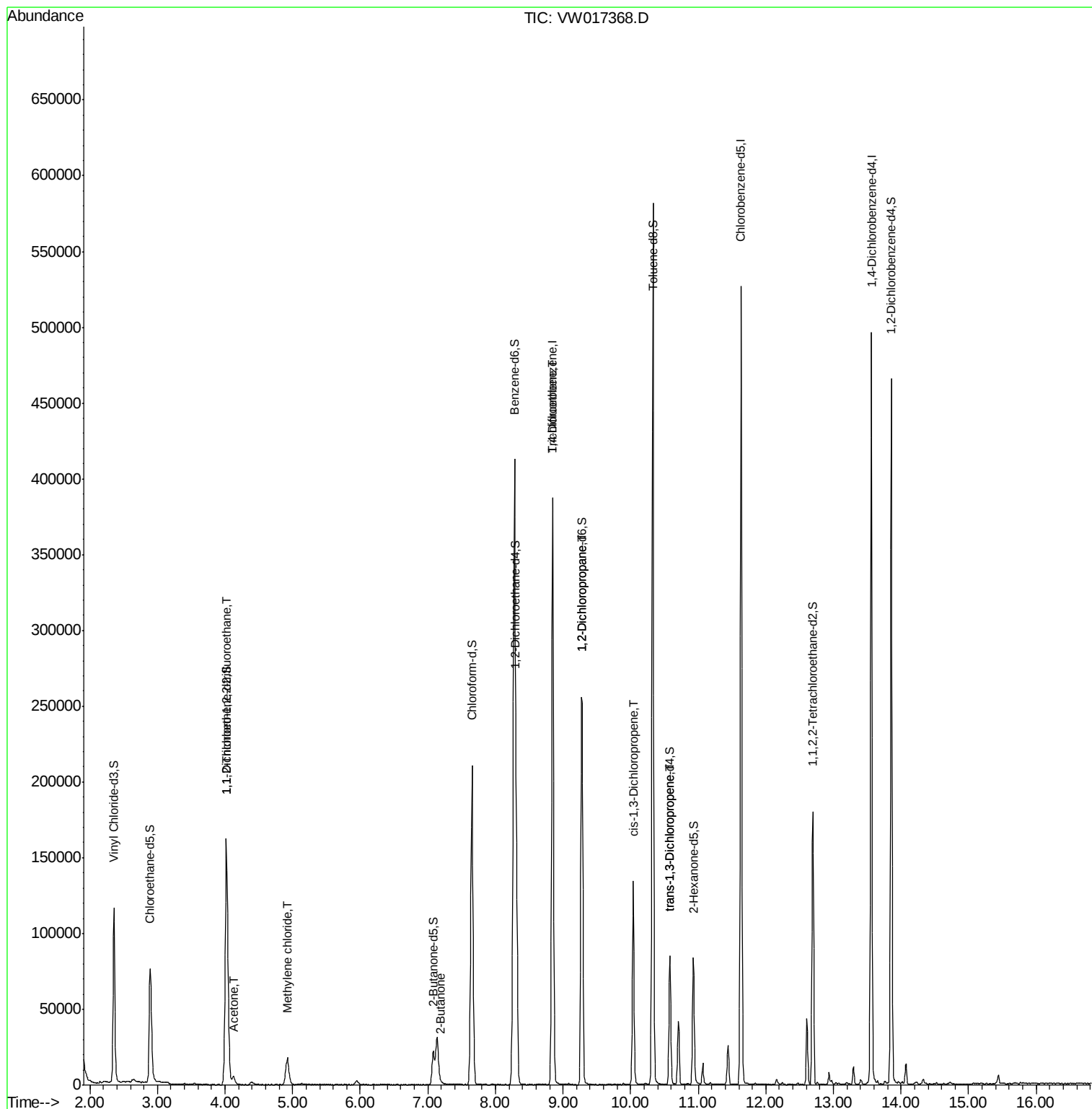
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1732	0.367	ug/L #	16
13) Acetone	4.13	43	8645	14.155	ug/L	98
16) Methylene chloride	4.92	84	15798	2.683	ug/L	89
21) 2-Butanone	7.19	43	721	0.770	ug/L	73
35) Trichloroethene	8.85	95	9794	1.994	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13875	3.533	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3486	0.572	ug/L	89
45) trans-1,3-Dichloropropene	10.59	75	2295	0.444	ug/L	98

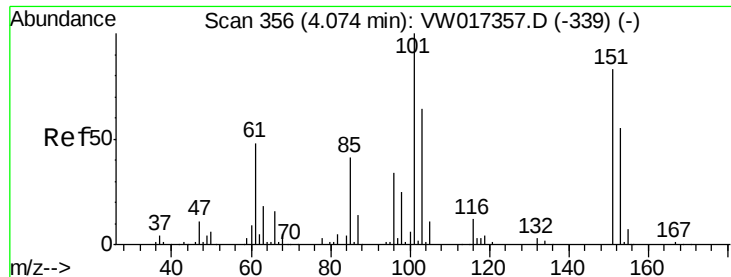
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration





#11

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

Concen: 0.367 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017368.D

Acq: 19 Nov 2020 13:49

Instrument :

MSVOA_W

ClientSampled :

C0BA2

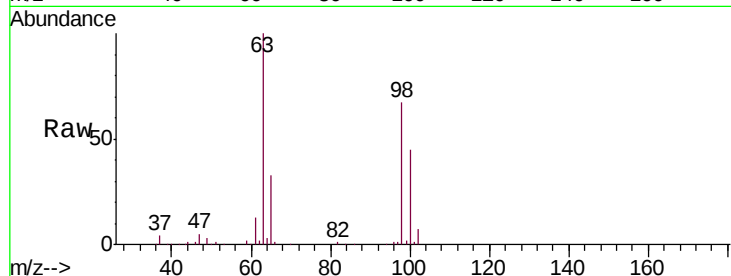
Tgt Ion: 101 Resp: 1732

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

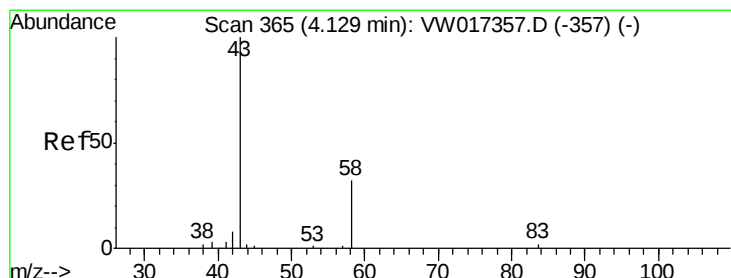
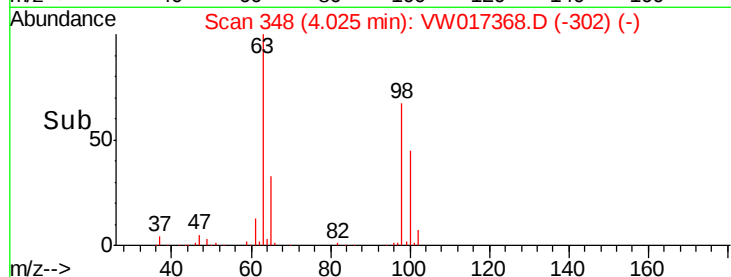
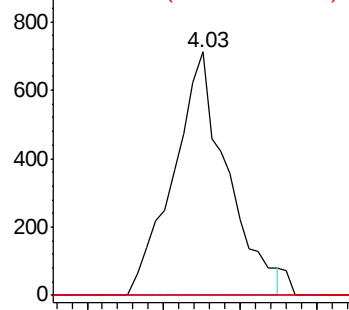
151 0.0 66.3 99.5#



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: 14.155 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017368.D

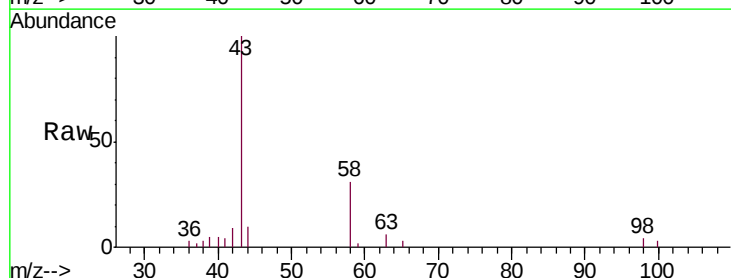
Acq: 19 Nov 2020 13:49

Tgt Ion: 43 Resp: 8645

Ion Ratio Lower Upper

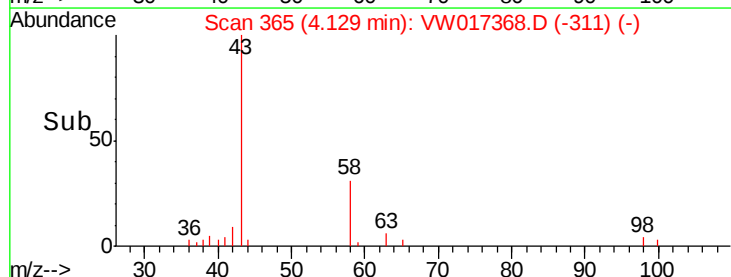
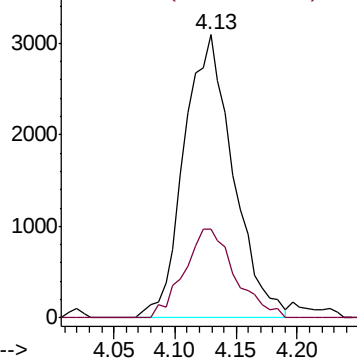
43 100

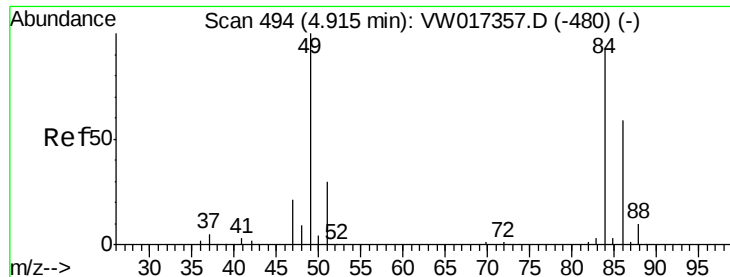
58 32.4 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

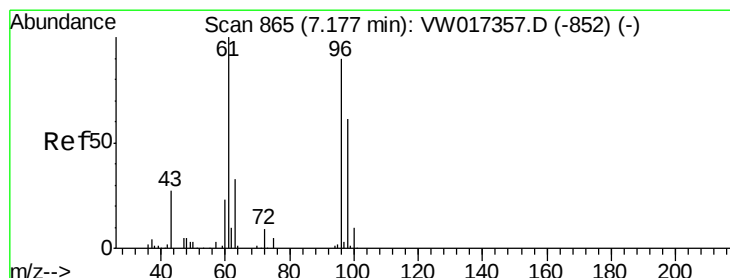
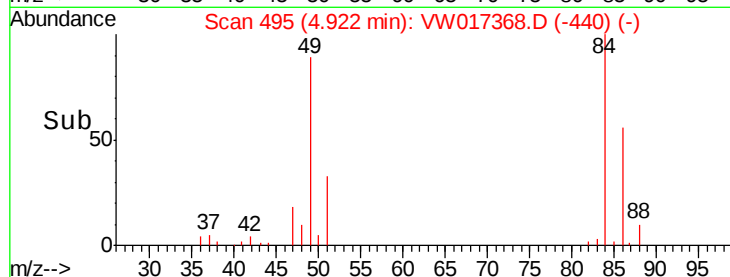
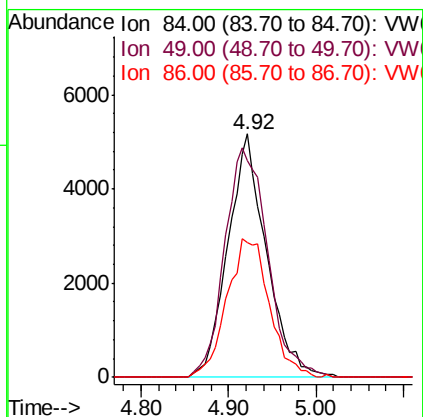
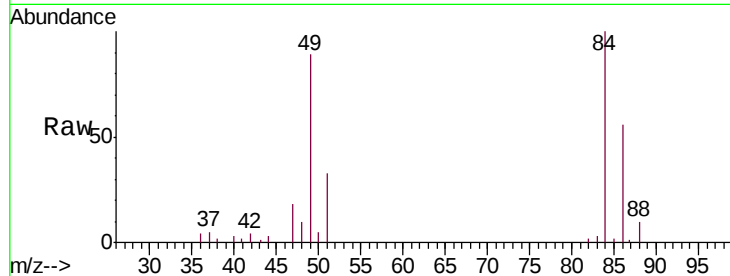




#16
Methylene chloride
Concen: 2.683 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017368.D
Acq: 19 Nov 2020 13:49

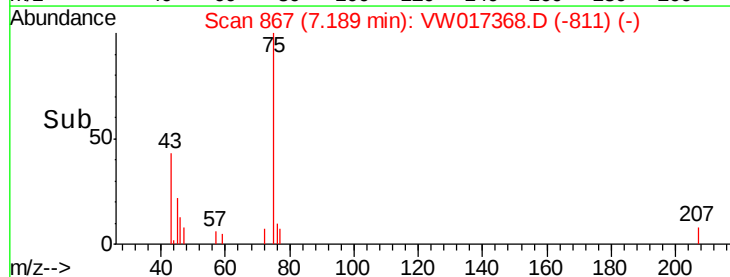
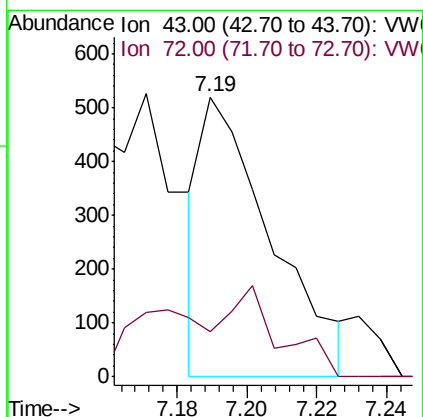
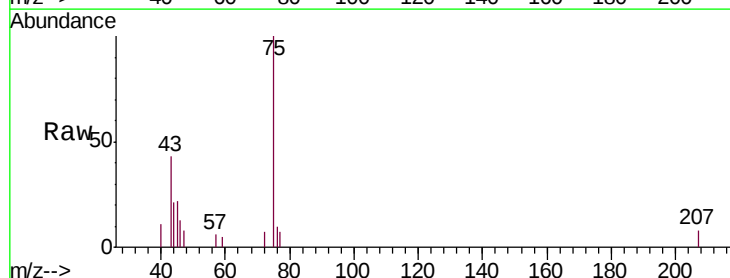
Instrument :
MSVOA_W
ClientSampled :
C0BA2

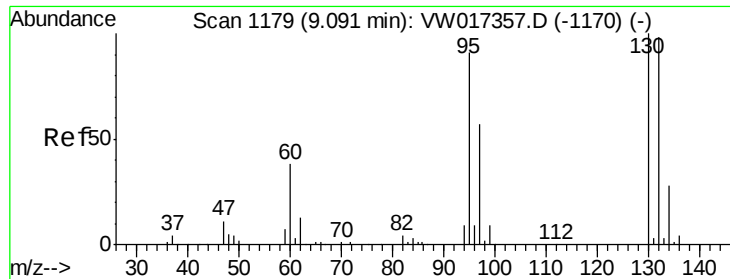
Tgt Ion: 84 Resp: 15798
Ion Ratio Lower Upper
84 100
49 88.9 71.5 132.9
86 55.6 42.8 79.4



#21
2-Butanone
Concen: 0.770 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW017368.D
Acq: 19 Nov 2020 13:49

Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
72 17.5 16.4 49.1





#35

Trichloroethene

Concen: 1.994 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017368.D

Acq: 19 Nov 2020 13:49

Instrument :

MSVOA_W

ClientSampleId :

C0BA2

Tgt Ion: 95 Resp: 9794

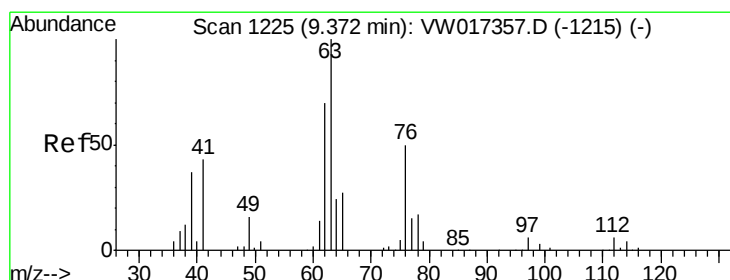
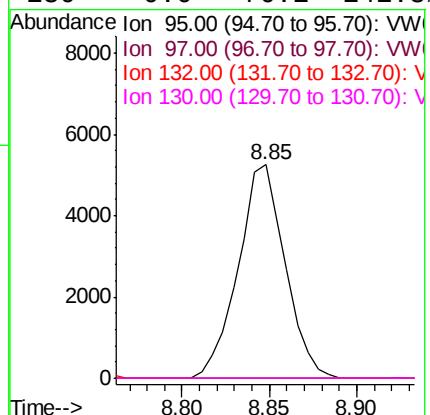
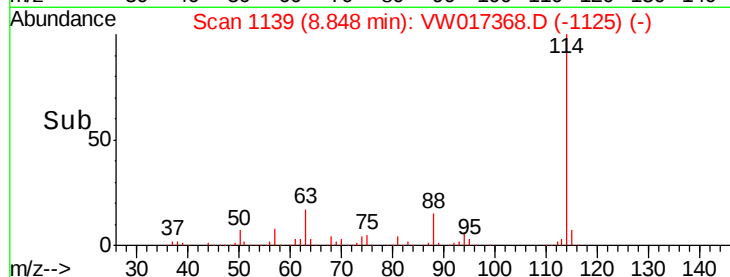
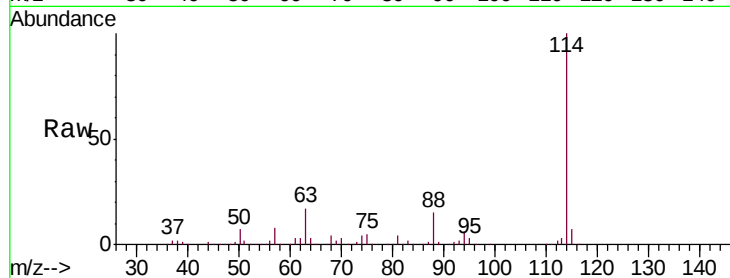
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#



#40

1,2-Dichloropropane

Concen: 3.533 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017368.D

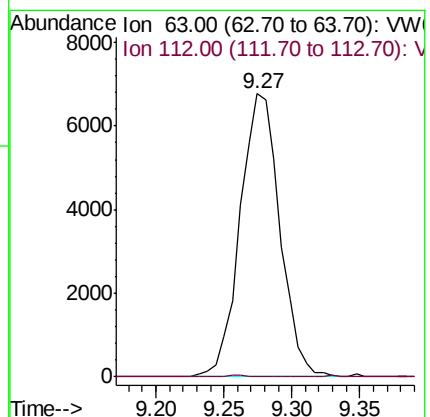
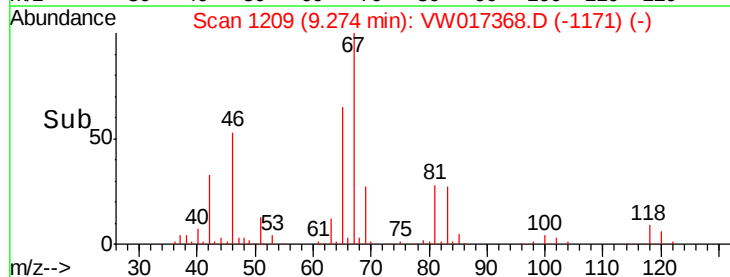
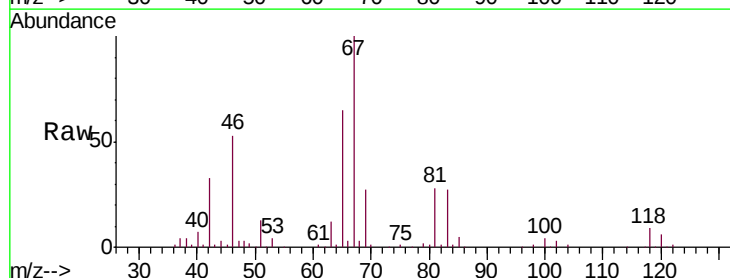
Acq: 19 Nov 2020 13:49

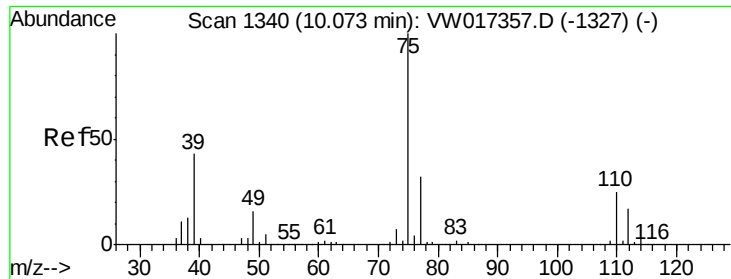
Tgt Ion: 63 Resp: 13875

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#





#42

cis-1,3-Dichloropropene

Concen: 0.572 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017368.D

Acq: 19 Nov 2020 13:49

Instrument :

MSVOA_W

ClientSampleId :

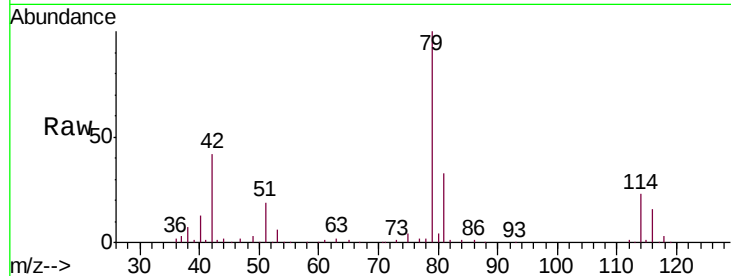
C0BA2

Tgt Ion: 75 Resp: 3486

Ion Ratio Lower Upper

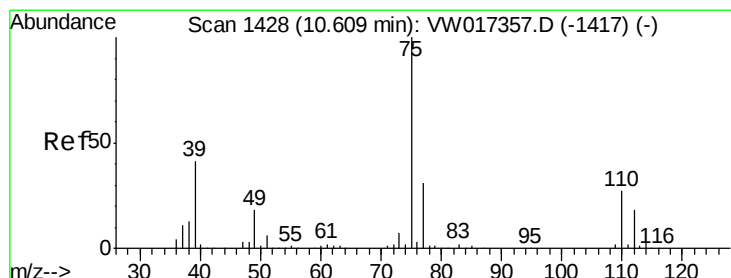
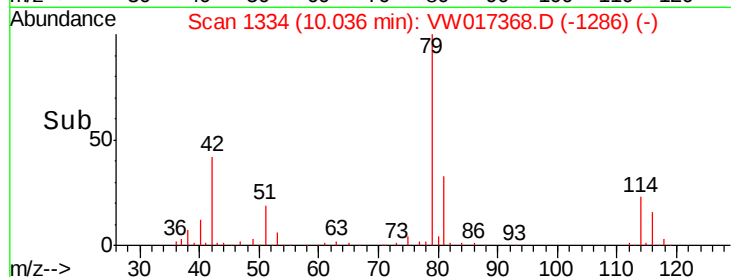
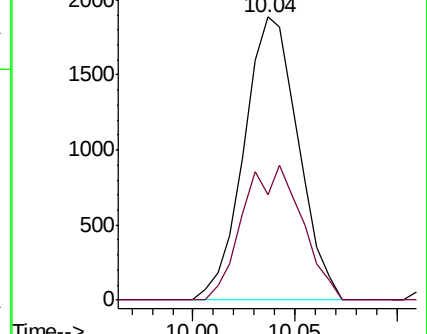
75 100

77 37.1 21.8 40.4



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: 0.444 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017368.D

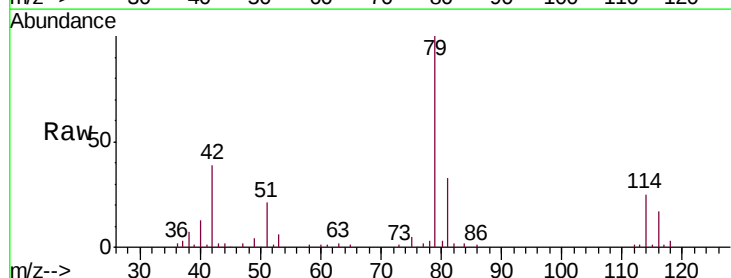
Acq: 19 Nov 2020 13:49

Tgt Ion: 75 Resp: 2295

Ion Ratio Lower Upper

75 100

77 30.3 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

