

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015926.D
 Acq On : 23 Jul 2020 17:03
 Operator : SY/VA
 Sample : L3388-03
 Misc : 4.71G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:03:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	416448	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324856	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	150301	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.32%
7) Chloroethane-d5	2.90	69	117681	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
10) 1,1-Dichloroethene-d2	4.01	63	215920	18.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.68%
20) 2-Butanone-d5	7.09	46	71650	46.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.84%
24) Chloroform-d	7.65	84	270192	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	8.31	65	151886	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.64%
29) Benzene-d6	8.28	84	539078	27.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.04%
33) 1,2-Dichloropropane-d6	9.28	67	163915	27.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.60%
37) Toluene-d8	10.33	98	454179	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.44%
38) trans-1,3-Dichloropropene-	10.58	79	59078	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	50183	50.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113440	24.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	94375	24.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.92%

Target Compounds

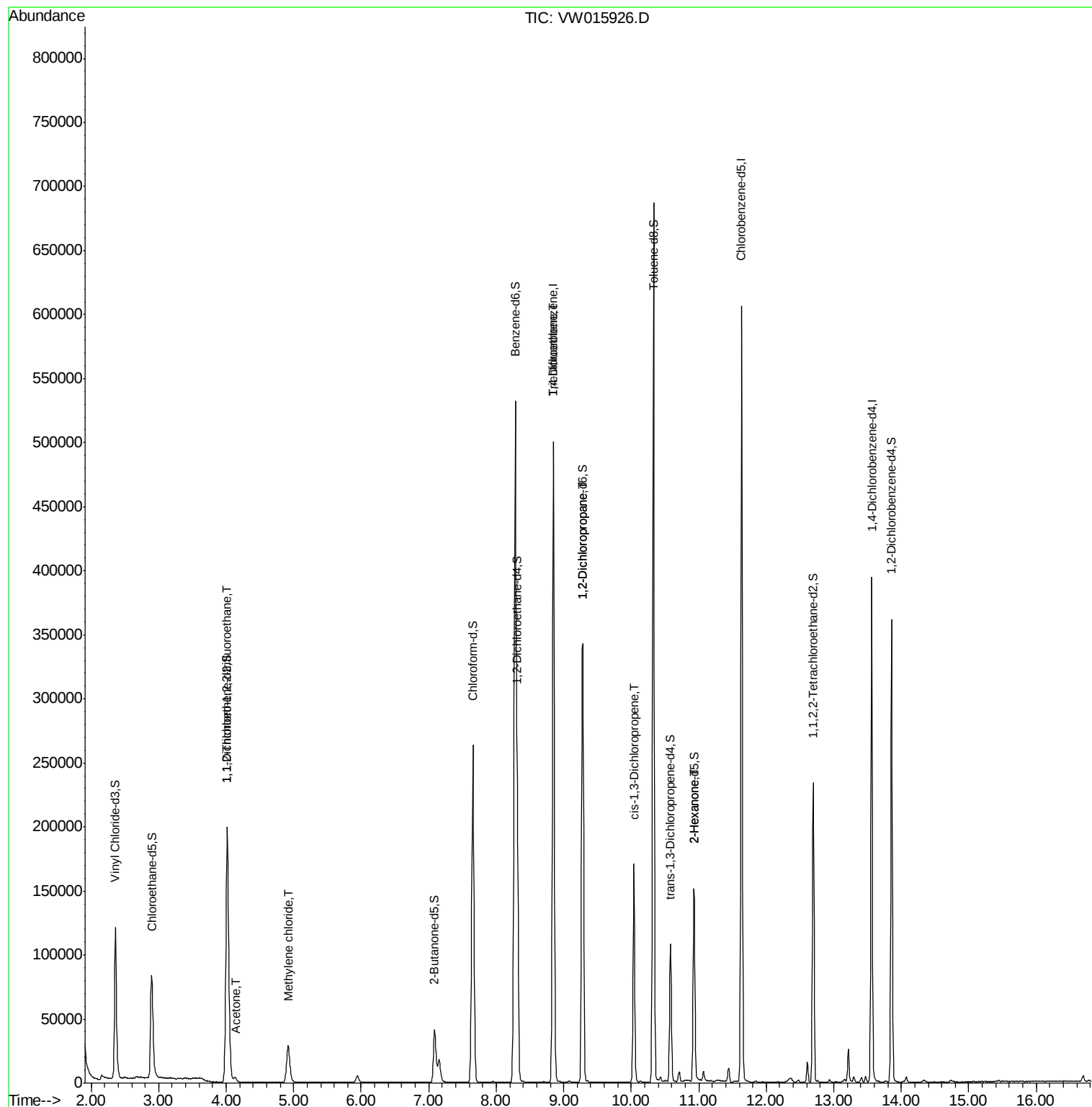
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1921	0.356 ug/L #	20
13) Acetone	4.14	43	5153	3.975 ug/L	79
16) Methylene chloride	4.92	84	24182	3.544 ug/L	90
35) Trichloroethene	8.85	95	12204	2.338 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	18427	3.770 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	4087	0.549 ug/L #	63
49) 2-Hexanone	10.93	43	6570	3.245 ug/L #	68

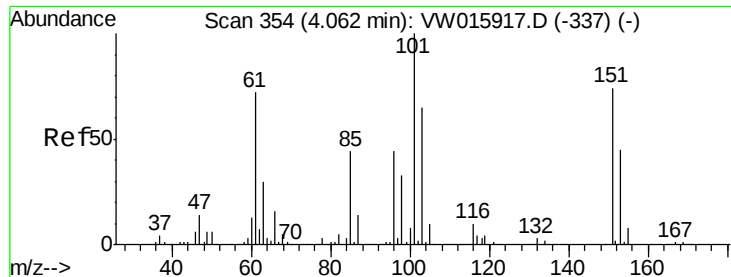
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration





#11

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

Concen: 0.356 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW015926.D

Acq: 23 Jul 2020 17:03

Instrument :

MSVOA_W

ClientSampled :

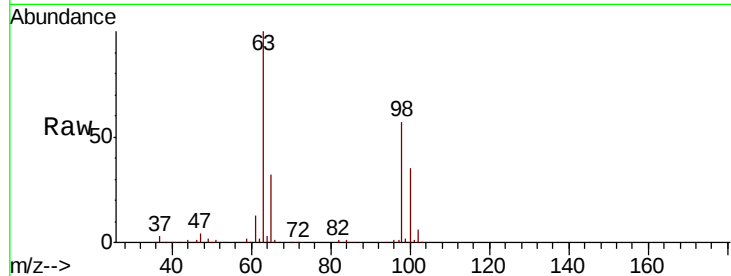
Tot Ion:101 Resp: 1921

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

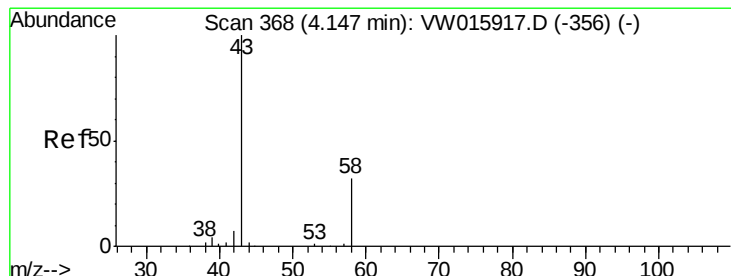
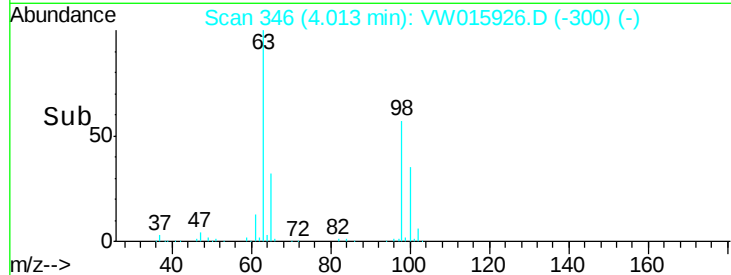
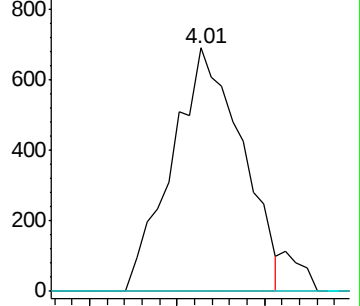
151 0.0 58.4 87.6#



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: 3.975 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW015926.D

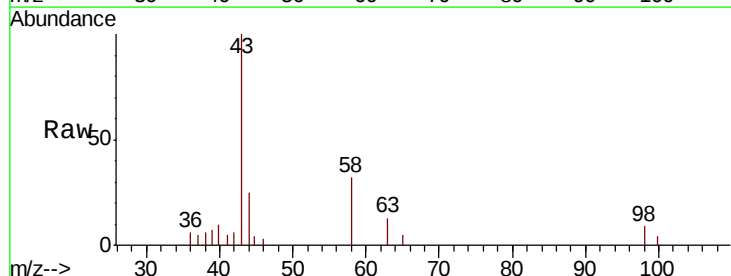
Acq: 23 Jul 2020 17:03

Tgt Ion: 43 Resp: 5153

Ion Ratio Lower Upper

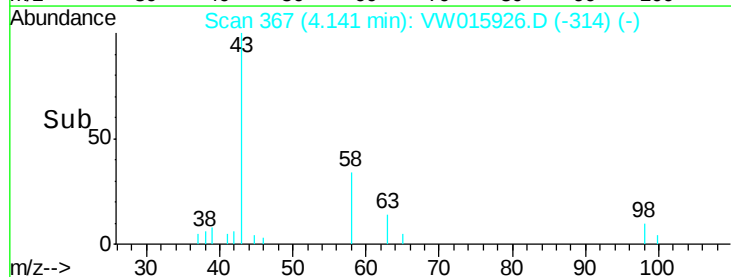
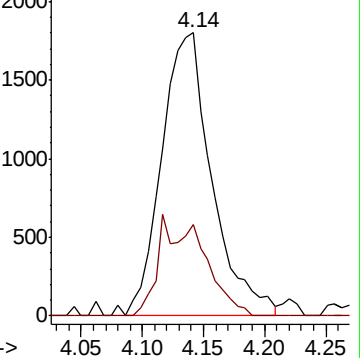
43 100

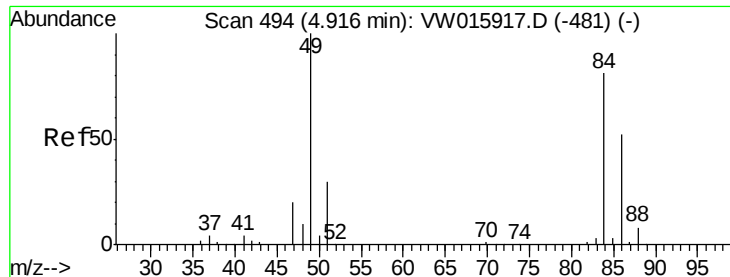
58 17.7 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

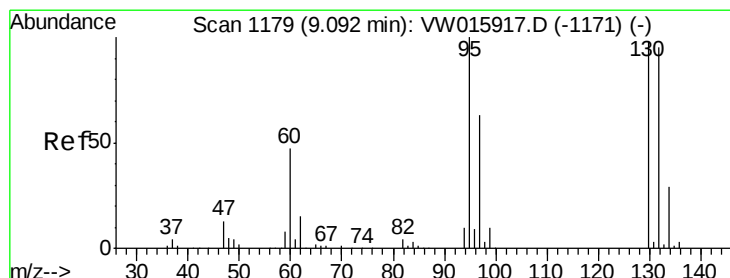
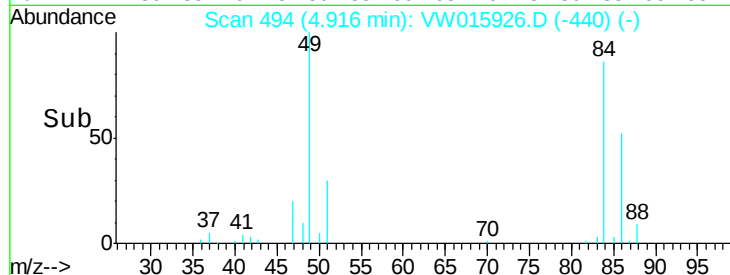
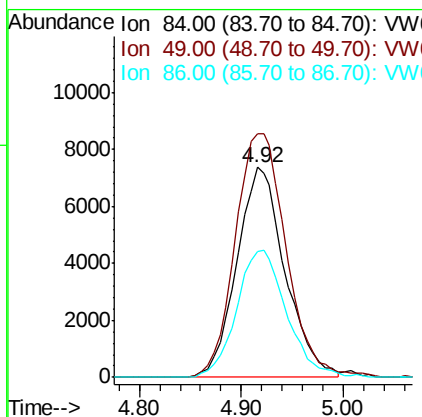
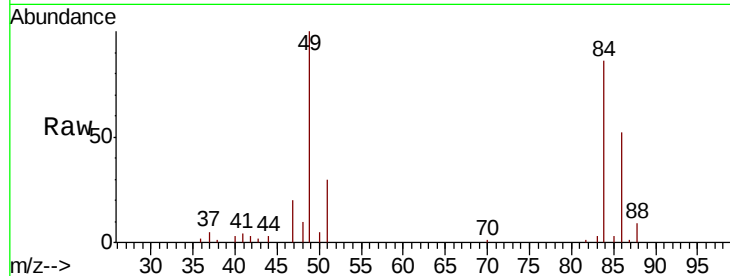




#16
Methvlene chloride
Concen: 3.544 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015926.D
Acq: 23 Jul 2020 17:03

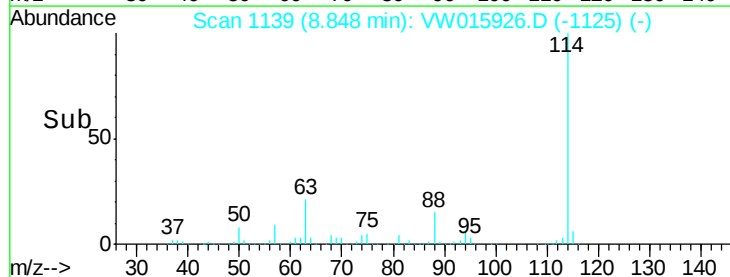
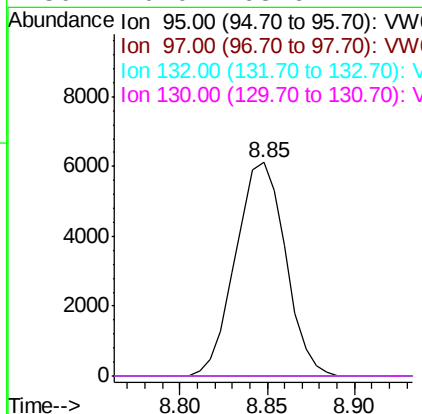
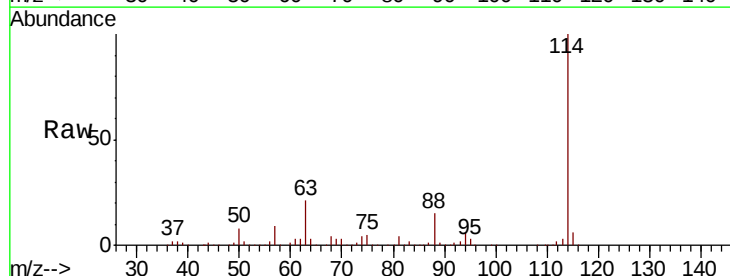
Instrument :
MSVOA_W
ClientSampled :

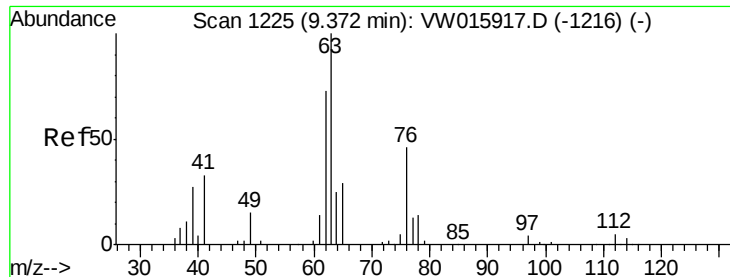
Tot Ion: 84 Resp: 24182
Ion Ratio Lower Upper
84 100
49 116.1 91.1 169.1
86 59.8 46.0 85.4



#35
Trichloroethene
Concen: 2.338 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015926.D
Acq: 23 Jul 2020 17:03

Tgt Ion: 95 Resp: 12204
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.1 120.9#
130 0.0 68.6 127.4#

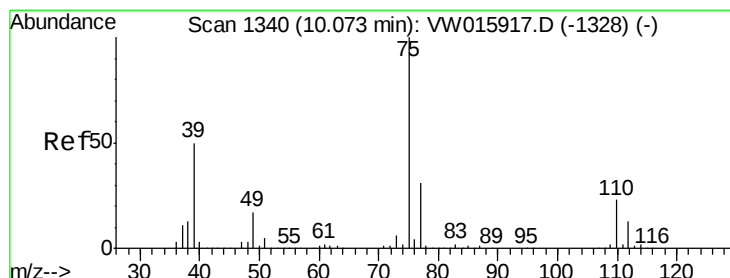
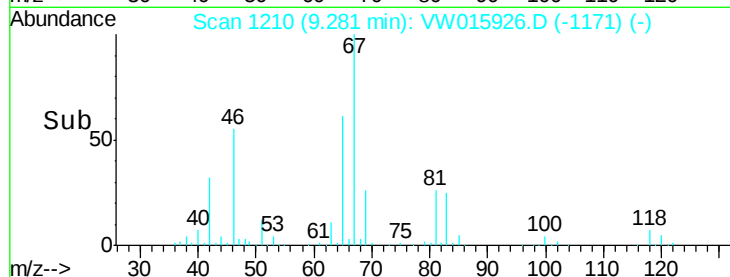
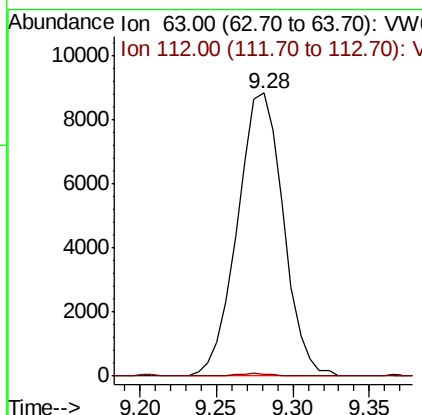
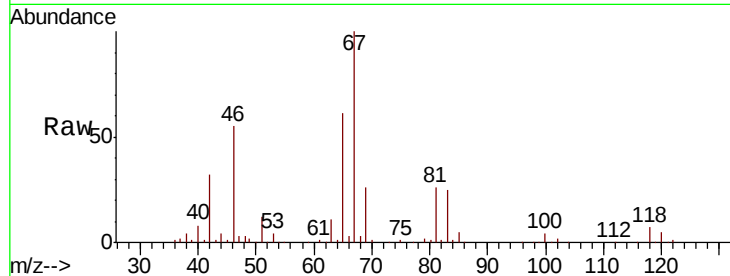




#40
 1,2-Dichloropropane
 Concen: 3.770 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015926.D
 Acq: 23 Jul 2020 17:03

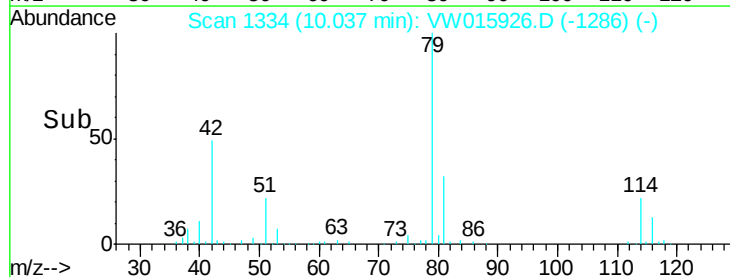
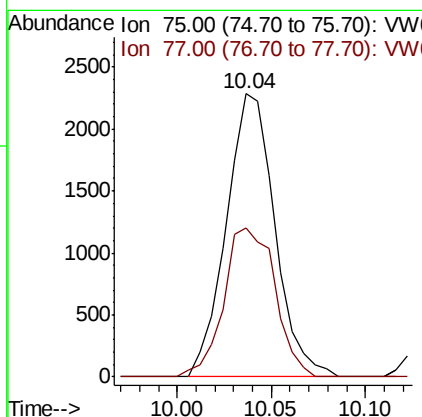
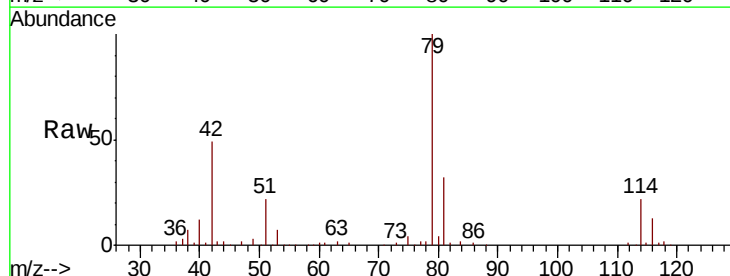
Instrument :
 MSVOA_W
 ClientSampleId :

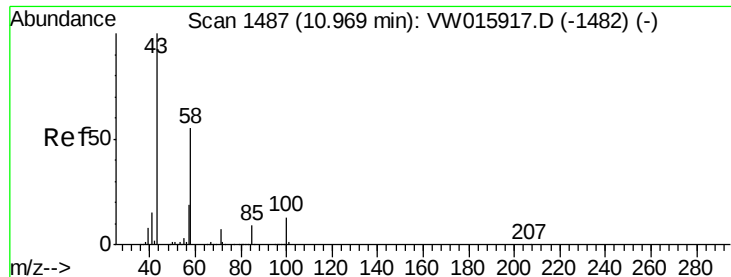
Tot Ion: 63 Resp: 18427
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.549 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015926.D
 Acq: 23 Jul 2020 17:03

Tgt Ion: 75 Resp: 4087
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.2 41.2#





#49

2-Hexanone

Concen: 3.245 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015926.D

Acq: 23 Jul 2020 17:03

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6570

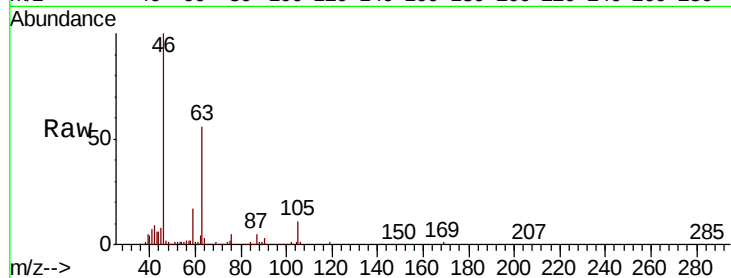
Ion Ratio Lower Upper

43 100

58 26.3 42.4 63.6#

57 29.1 15.6 23.4#

100 1.8 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

