

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015930.D
 Acq On : 23 Jul 2020 18:37
 Operator : SY/VA
 Sample : L3388-09
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:03:57 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	384728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	291785	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84307	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142302	26.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.84%
7) Chloroethane-d5	2.89	69	111311	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
10) 1,1-Dichloroethene-d2	4.01	63	199473	18.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.68%
20) 2-Butanone-d5	7.08	46	49892	34.99	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.98%
24) Chloroform-d	7.65	84	249971	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.31	65	143443	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.27	84	500660	28.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.76%
33) 1,2-Dichloropropane-d6	9.28	67	151301	28.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.68%
37) Toluene-d8	10.33	98	393144	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	10.58	79	44221	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.96%
39) 2-Hexanone-d5	10.93	63	32616	36.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98610	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	71497	21.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.00%

Target Compounds

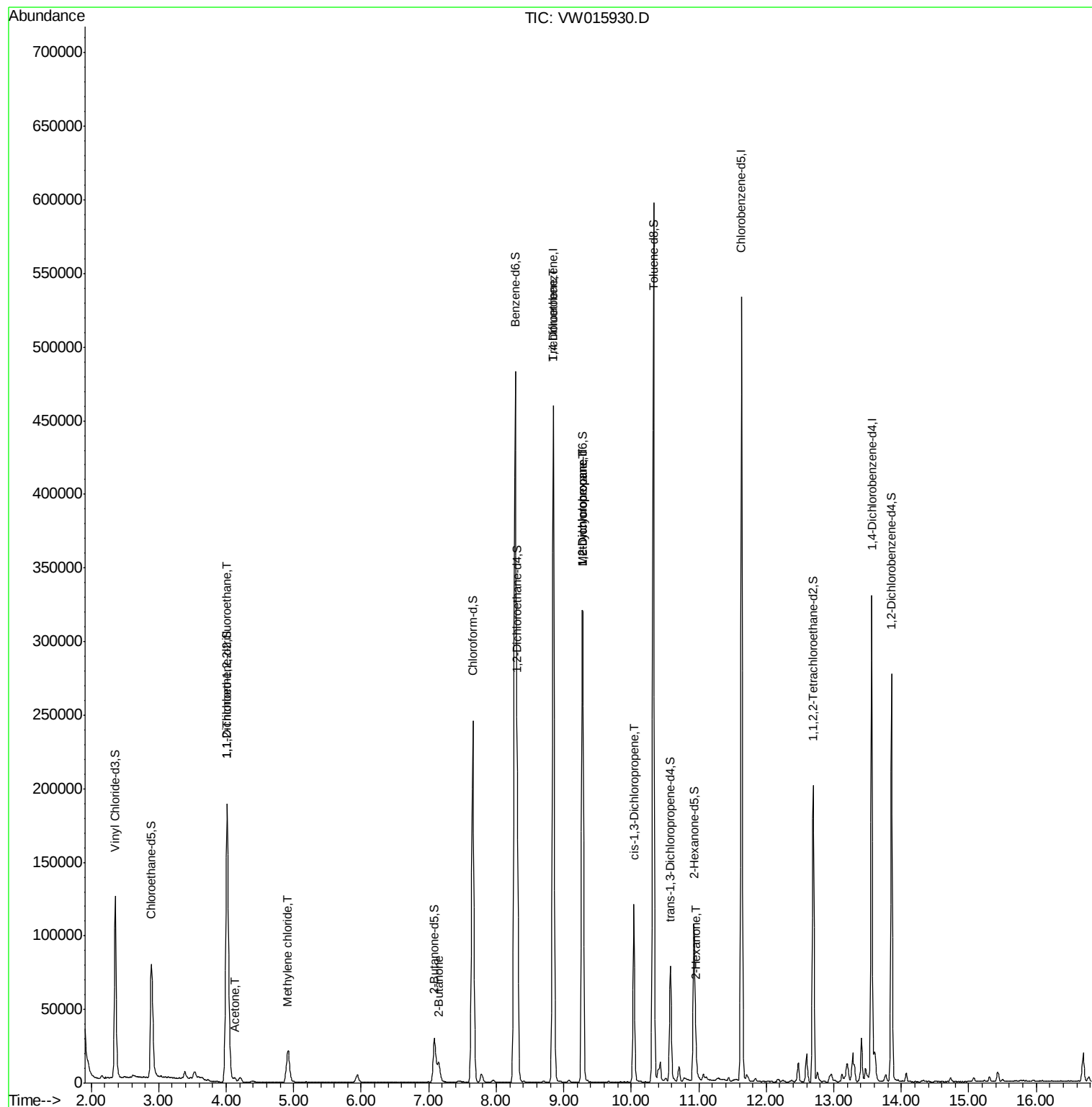
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1765	0.354	ug/L #	20
13) Acetone	4.13	43	4424	3.694	ug/L	95
16) Methylene chloride	4.91	84	17520	2.779	ug/L	97
21) 2-Butanone	7.15	43	7195	4.859	ug/L #	49
35) Trichloroethene	8.85	95	11683	2.492	ug/L #	6
36) Methylcyclohexane	9.27	83	37053	4.606	ug/L #	18
40) 1,2-Dichloropropane	9.28	63	17188	3.915	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3072	0.459	ug/L #	73
49) 2-Hexanone	10.96	43	17049	9.375	ug/L #	43

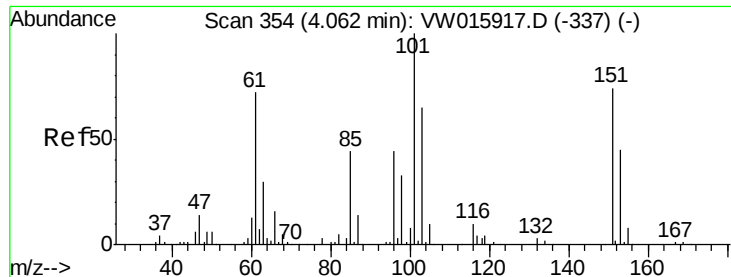
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration





#11

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

Concen: 0.354 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW015930.D

Acq: 23 Jul 2020 18:37

Instrument :

MSVOA_W

ClientSampleId :

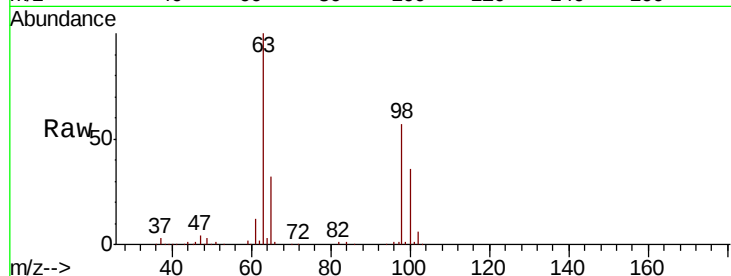
Tot Ion:101 Resp: 1765

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

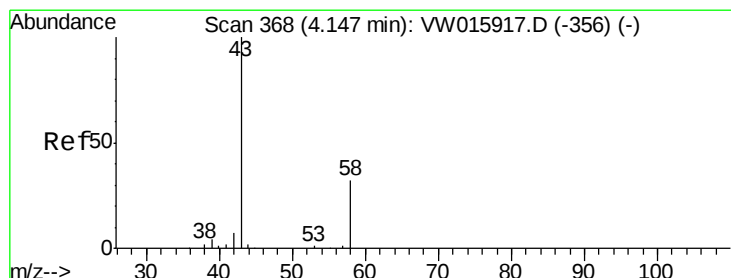
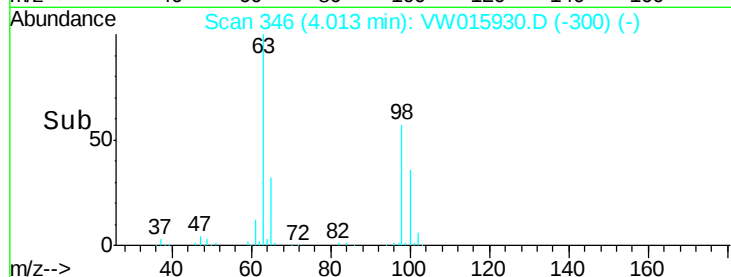
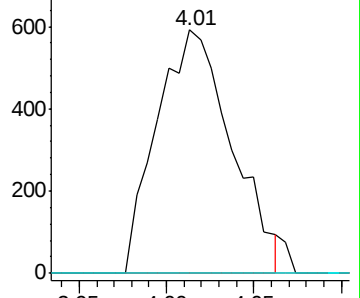
151 0.0 58.4 87.6#



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: 3.694 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW015930.D

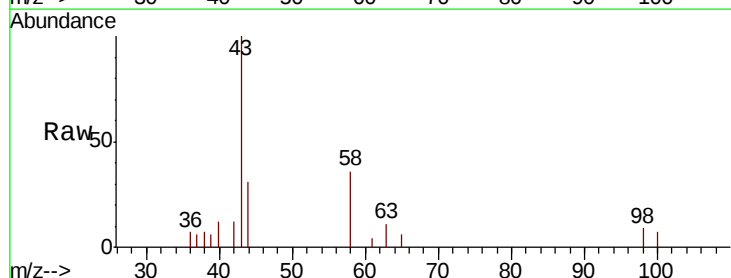
Acq: 23 Jul 2020 18:37

Tgt Ion: 43 Resp: 4424

Ion Ratio Lower Upper

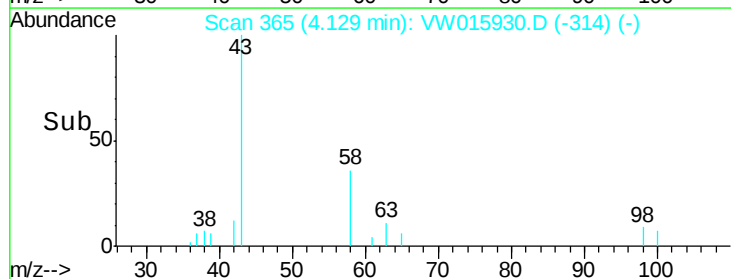
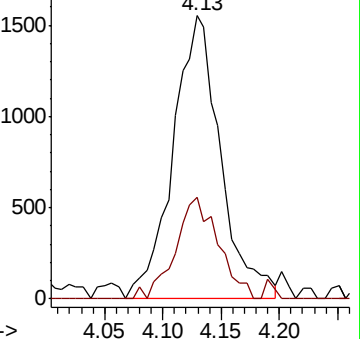
43 100

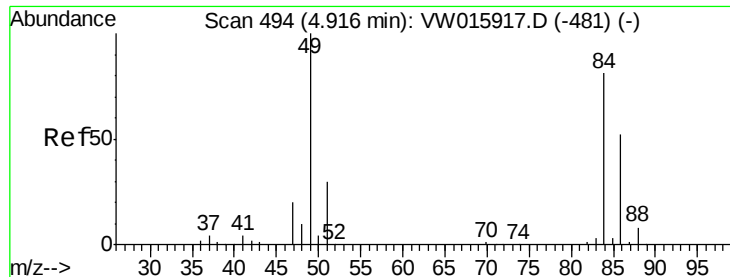
58 31.8 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

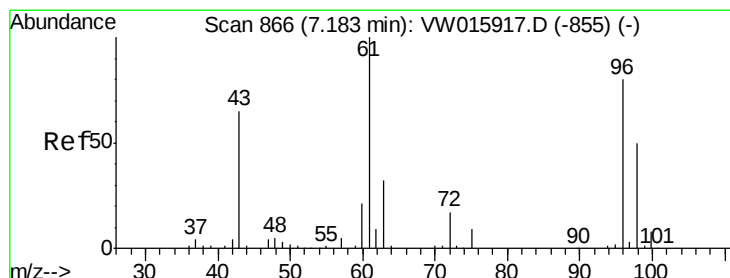
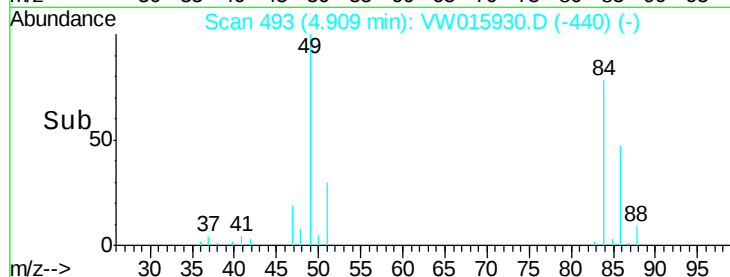
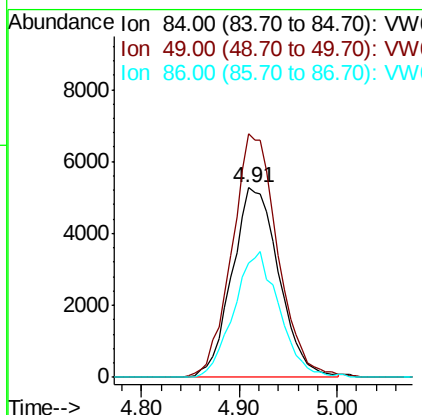
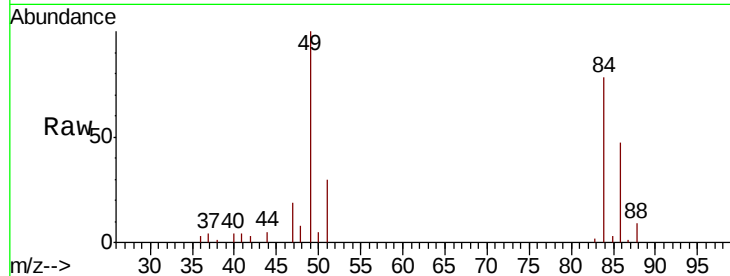




#16
Methylene chloride
Concen: 2.779 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015930.D
Acq: 23 Jul 2020 18:37

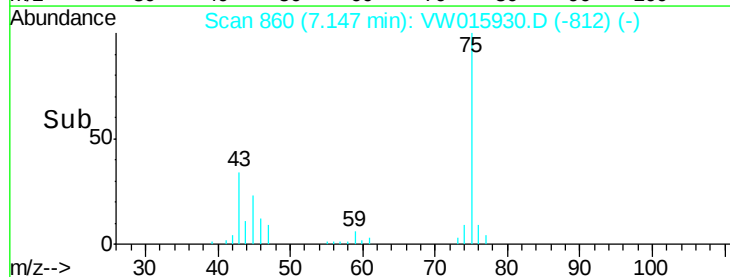
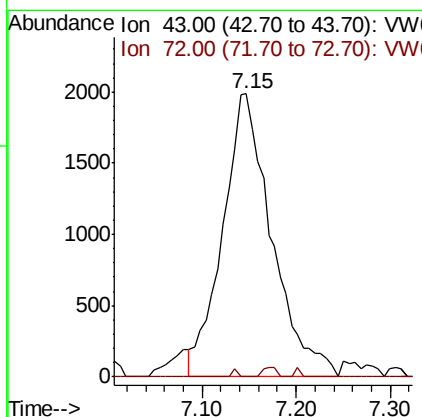
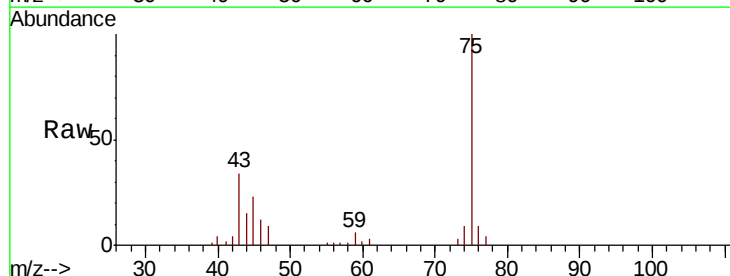
Instrument :
MSVOA_W
ClientSampled :

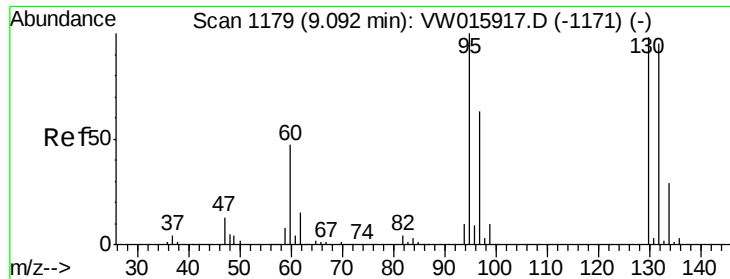
Tot Ion: 84 Resp: 17520
Ion Ratio Lower Upper
84 100
49 128.5 91.1 169.1
86 60.7 46.0 85.4



#21
2-Butanone
Concen: 4.859 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW015930.D
Acq: 23 Jul 2020 18:37

Tgt Ion: 43 Resp: 7195
Ion Ratio Lower Upper
43 100
72 1.0 13.9 41.7#

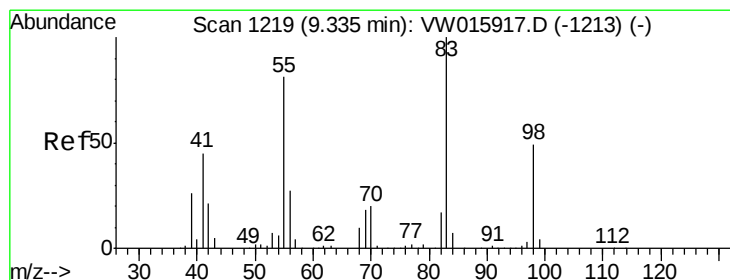
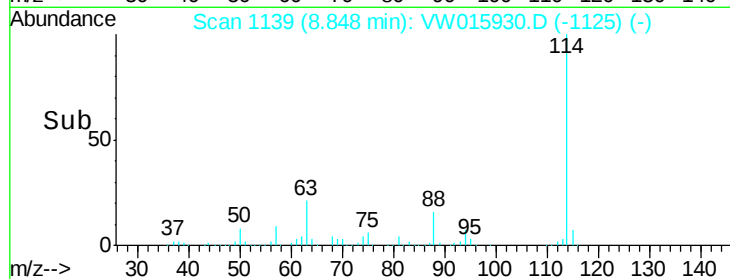
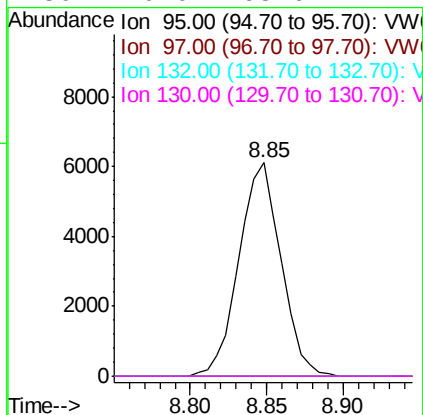
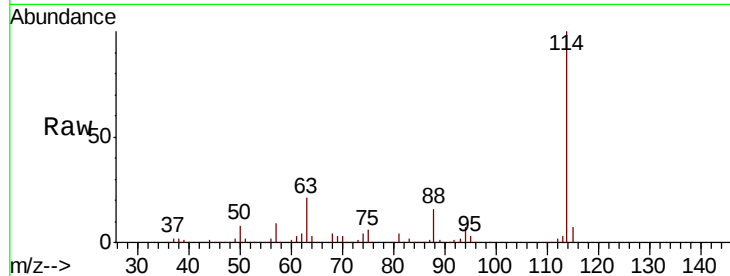




#35
 Trichloroethene
 Concen: 2.492 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW015930.D
 Acq: 23 Jul 2020 18:37

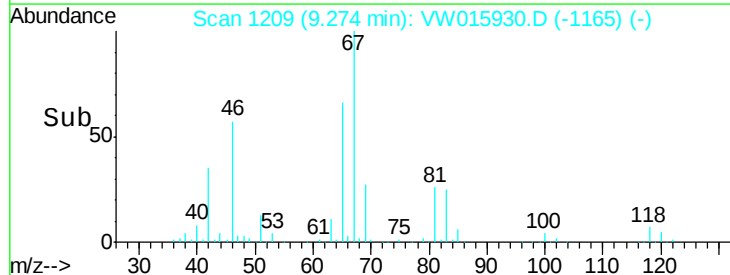
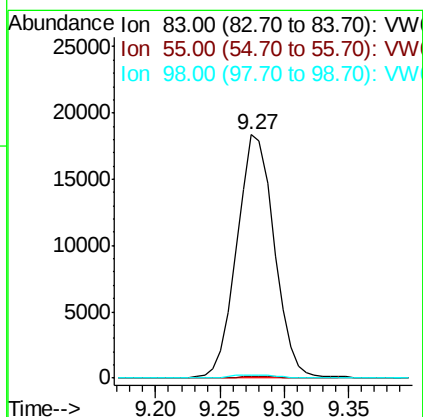
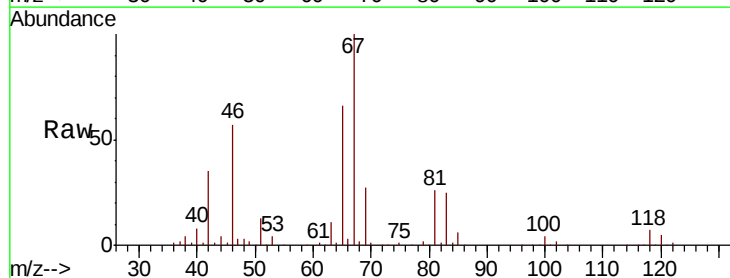
Instrument :
 MSVOA_W
 ClientSampleId :

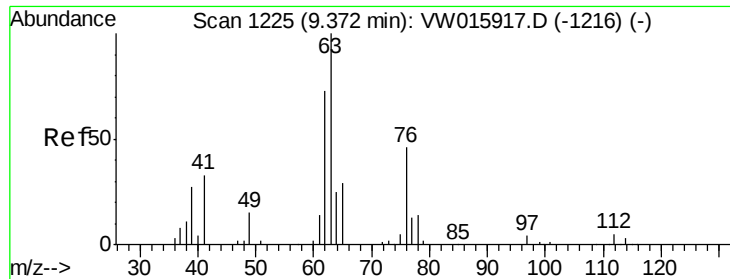
Tot Ion: 95 Resp: 11683
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.4 82.4#
 132 0.0 65.1 120.9#
 130 0.0 68.6 127.4#



#36
 Methylcyclohexane
 Concen: 4.606 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW015930.D
 Acq: 23 Jul 2020 18:37

Tgt Ion: 83 Resp: 37053
 Ion Ratio Lower Upper
 83 100
 55 0.8 63.5 95.3#
 98 1.5 39.0 58.4#

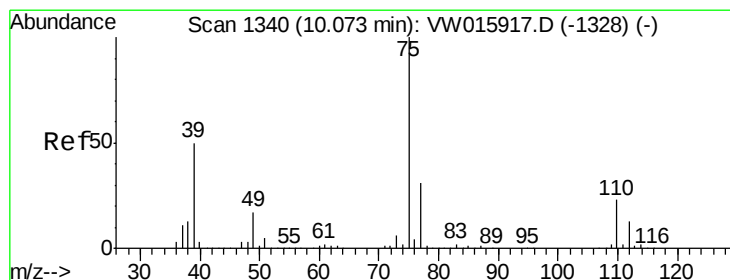
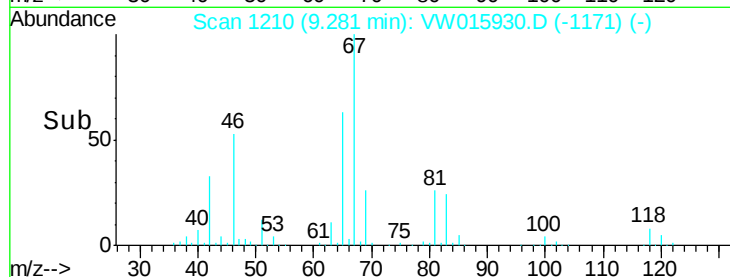
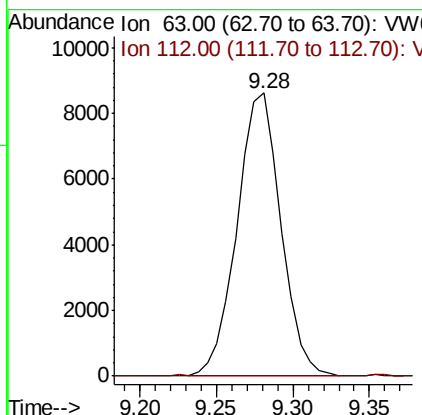
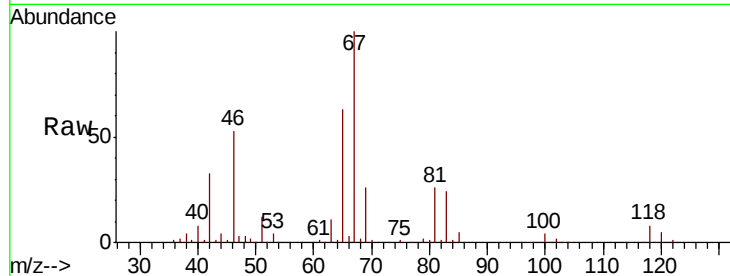




#40
 1,2-Dichloropropane
 Concen: 3.915 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015930.D
 Acq: 23 Jul 2020 18:37

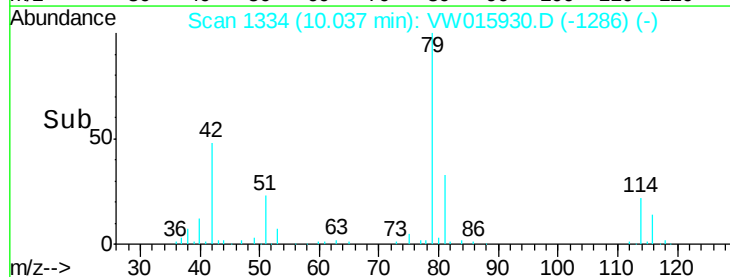
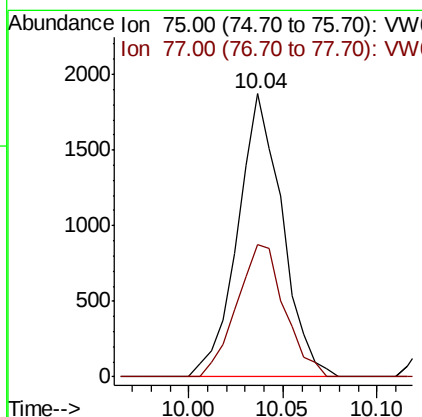
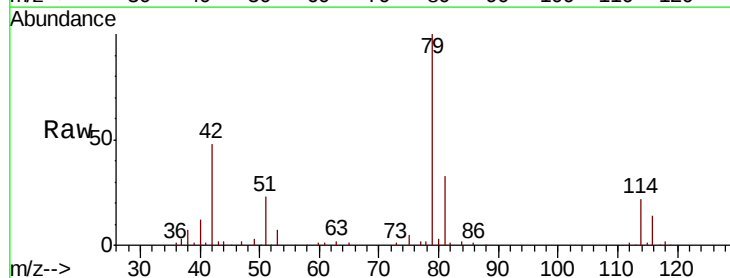
Instrument :
 MSVOA_W
 ClientSampleId :

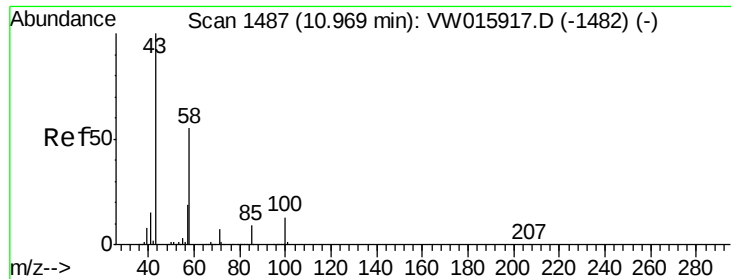
Tot Ion: 63 Resp: 17188
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015930.D
 Acq: 23 Jul 2020 18:37

Tgt Ion: 75 Resp: 3072
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.2 41.2#





#49

2-Hexanone

Concen: 9.375 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW015930.D

Acq: 23 Jul 2020 18:37

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 17049

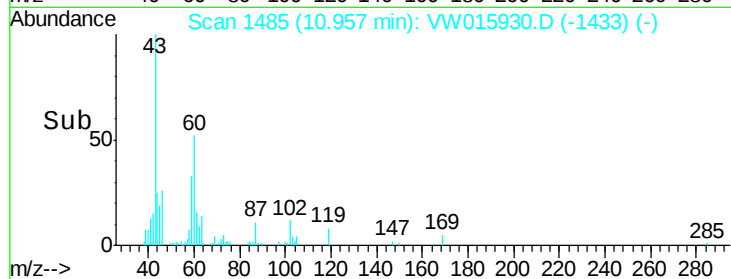
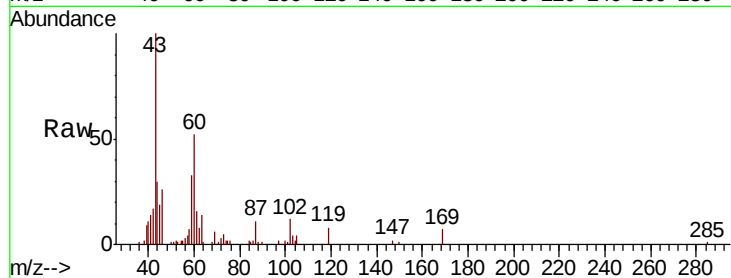
Ion Ratio Lower Upper

43 100

58 3.9 42.4 63.6#

57 0.0 15.6 23.4#

100 0.6 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

