

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016166.D
 Acq On : 12 Aug 2020 17:24
 Operator : SY/VA
 Sample : L3628-07MSD
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	439465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163821	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102830	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
7) Chloroethane-d5	2.89	69	76970	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	229339	19.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.28%
20) 2-Butanone-d5	7.08	46	69298	48.34	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.68%
24) Chloroform-d	7.65	84	243356	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	8.31	65	130315	20.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.20%
29) Benzene-d6	8.27	84	473461	21.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.68%
33) 1,2-Dichloropropane-d6	9.27	67	141248	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.92%
37) Toluene-d8	10.32	98	435848	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.00%
38) trans-1,3-Dichloropropene-	10.58	79	61724	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	10.93	63	60004	54.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131021	25.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	142945	24.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.48%

Target Compounds

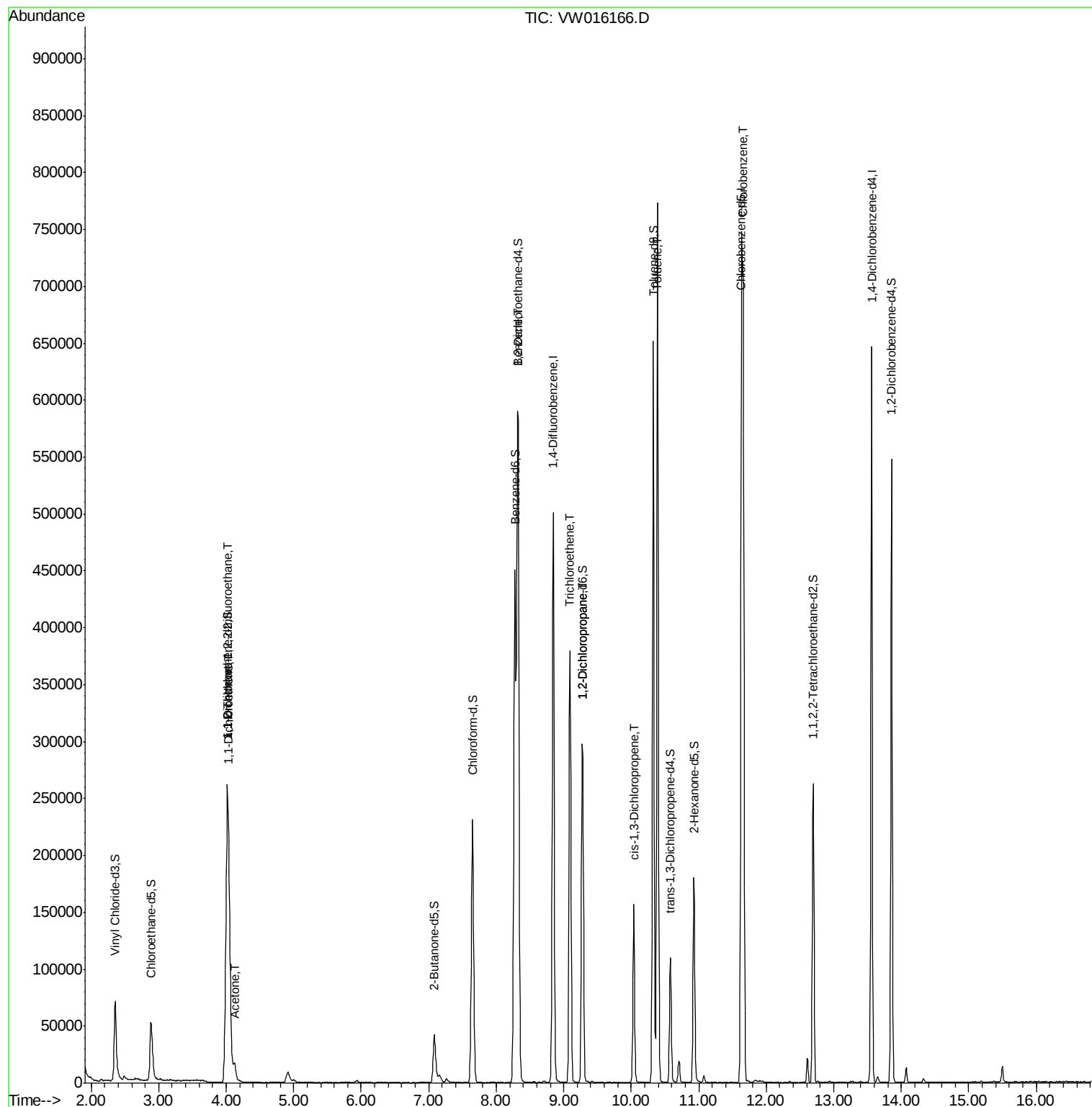
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	2189	0.371 ug/L #	21
12) 1,1-Dichloroethene	4.04	96	111381	19.747 ug/L	94
13) Acetone	4.13	43	22189	20.459 ug/L	95
34) Benzene	8.32	78	520566	22.475 ug/L	100
35) Trichloroethene	9.09	95	135663	21.783 ug/L	98
40) 1,2-Dichloropropane	9.27	63	15838	2.784 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3979	0.459 ug/L #	57
44) Toluene	10.39	91	569082	23.275 ug/L	100
52) Chlorobenzene	11.66	112	363980	22.499 ug/L	98

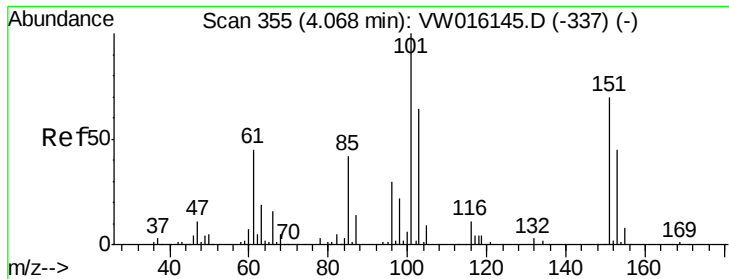
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 12 Aug 2020 17:24
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ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Aug 13 01:28:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 13 01:23:48 2020
Response via : Initial Calibration





#11

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

Concen: 0.371 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

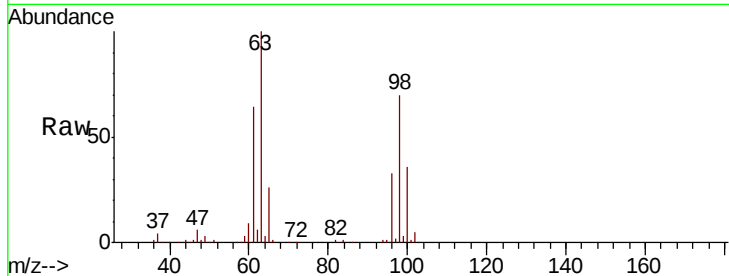
Tot Ion:101 Resp: 2189

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

151 0.0 57.4 86.2#



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

4.01

600

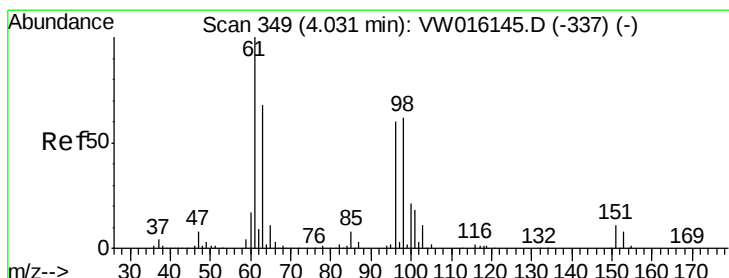
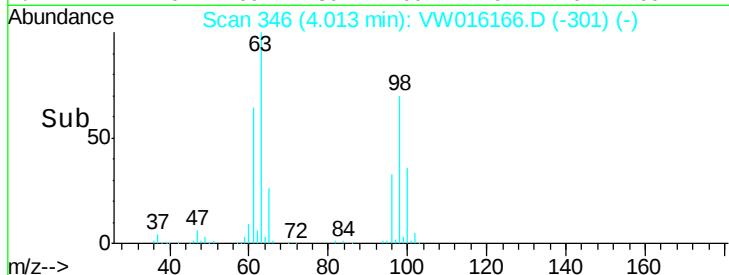
400

200

0

3.95 4.00 4.05 4.10

Time-->



#12

1,1-Dichloroethene

Concen: 19.747 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

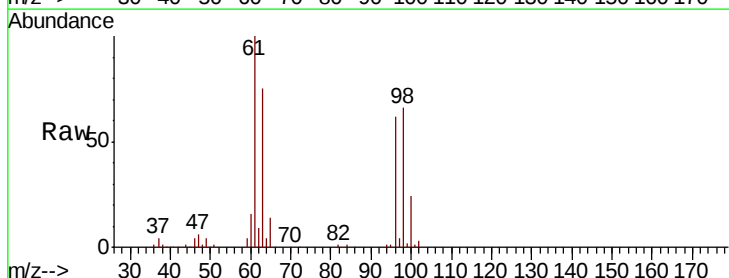
Tgt Ion: 96 Resp: 111381

Ion Ratio Lower Upper

96 100

61 160.6 120.2 223.2

63 119.9 86.4 160.4



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

80000

60000

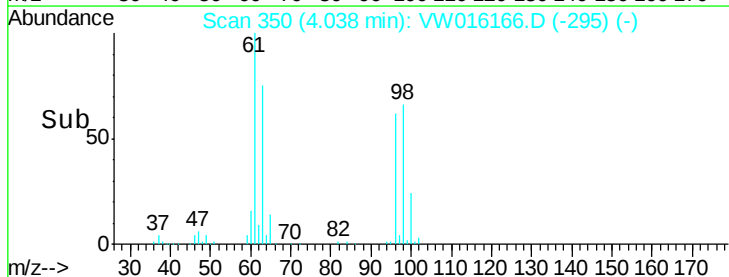
40000

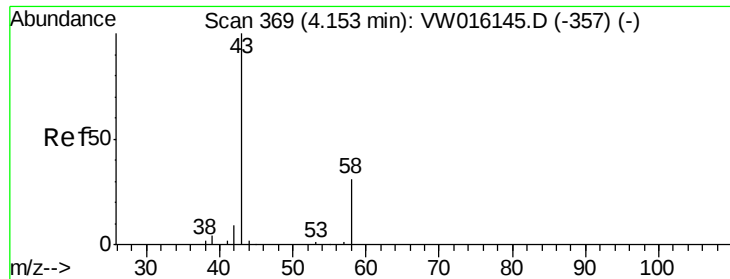
20000

0

3.90 4.00 4.10 4.20

Time-->





#13

Acetone

Concen: 20.459 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

Instrument :

MSVOA_W

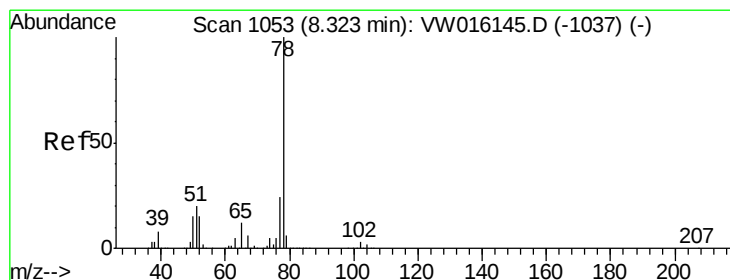
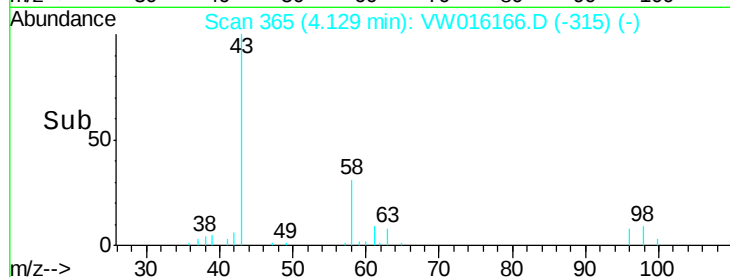
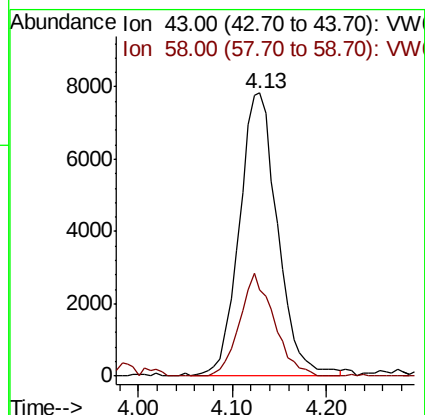
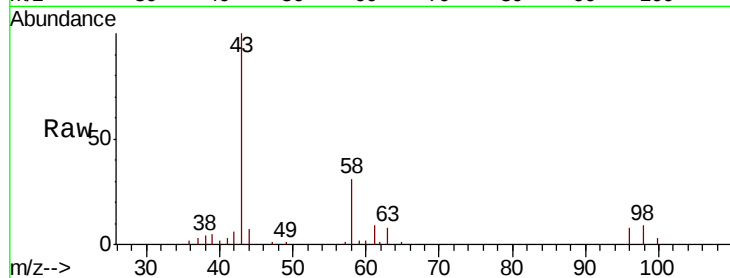
ClientSampleId :

Tot Ion: 43 Resp: 22189

Ion Ratio Lower Upper

43 100

58 32.6 0.0 59.4



#34

Benzene

Concen: 22.475 ug/L

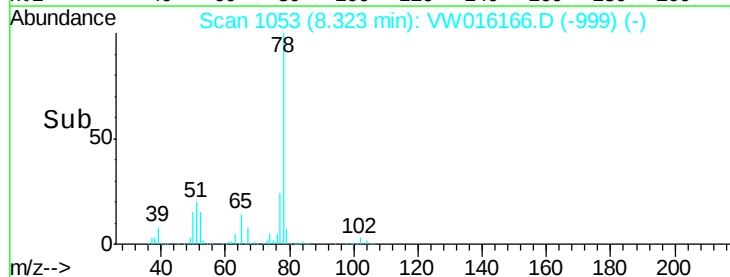
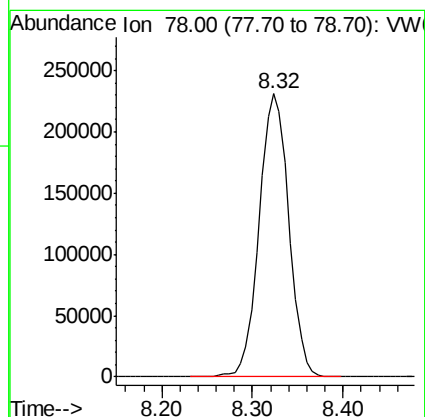
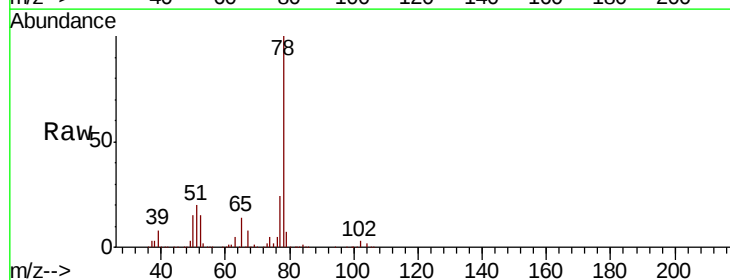
RT: 8.32 min Scan# 1053

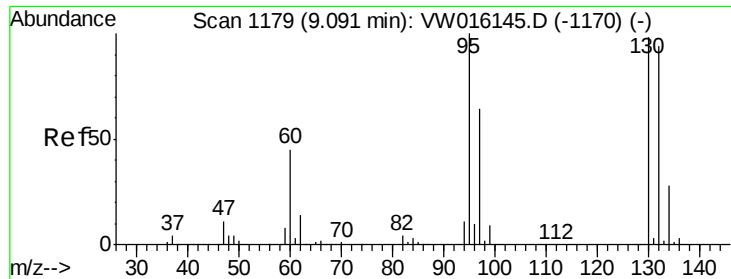
Delta R.T. 0.00 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

Tgt Ion: 78 Resp: 520566

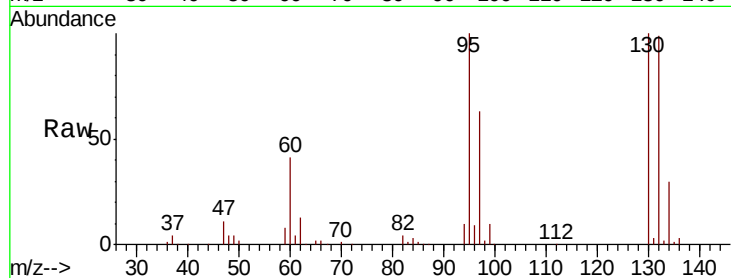




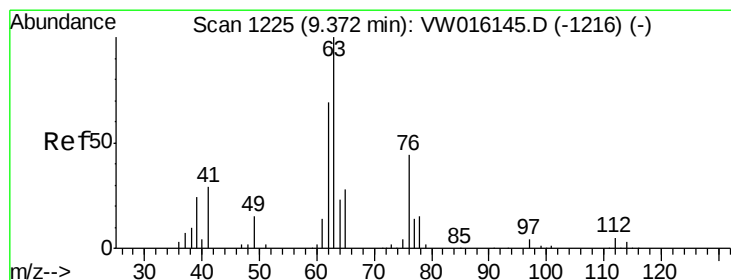
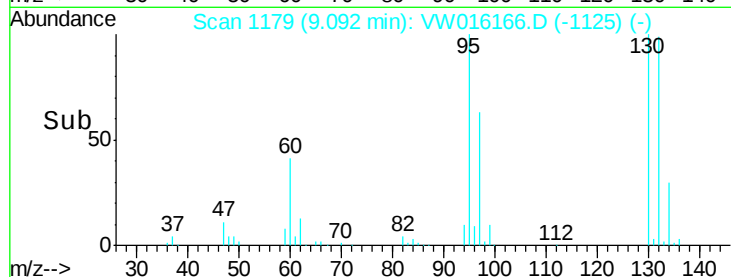
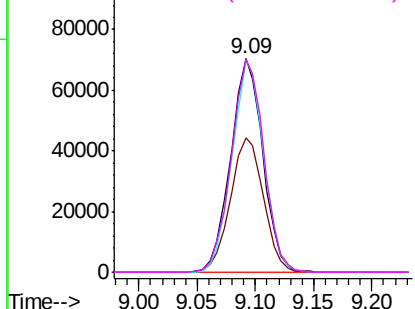
#35
 Trichloroethene
 Concen: 21.783 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW016166.D
 Acq: 12 Aug 2020 17:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 135663
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.9 83.3
 132 97.6 65.8 122.2
 130 100.8 69.5 129.1

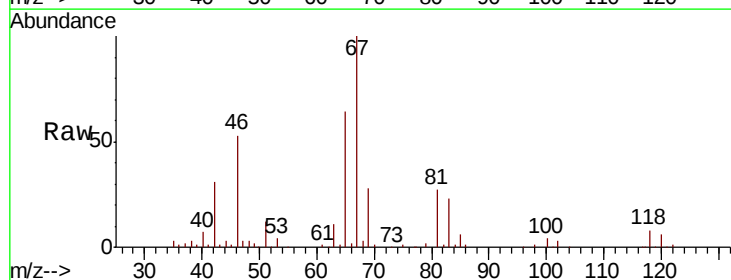


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

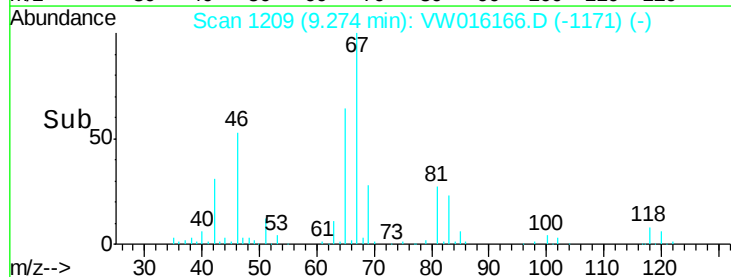
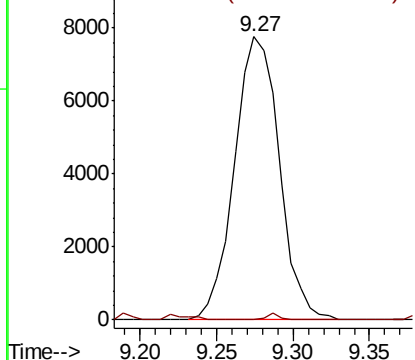


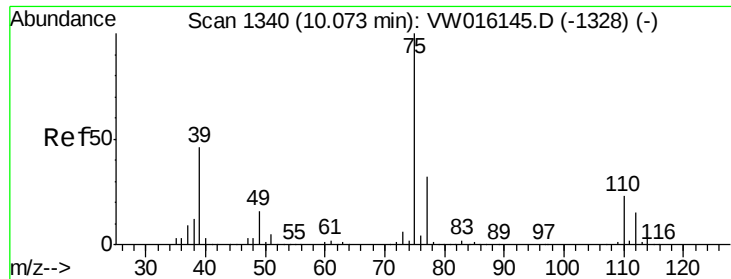
#40
 1,2-Dichloropropane
 Concen: 2.784 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016166.D
 Acq: 12 Aug 2020 17:24

Tgt Ion: 63 Resp: 15838
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW
 Ion 112.00 (111.70 to 112.70): V

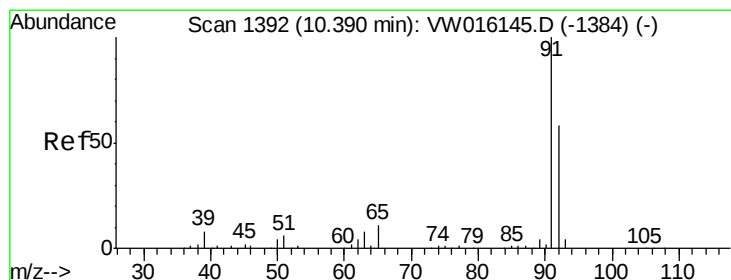
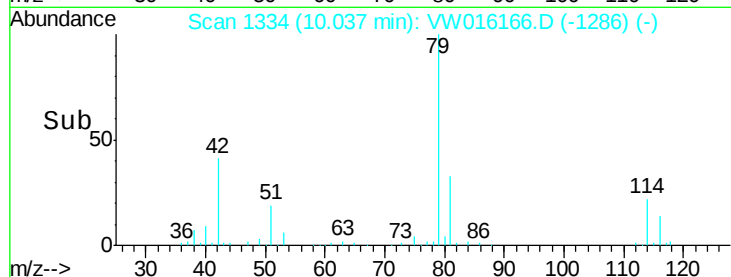
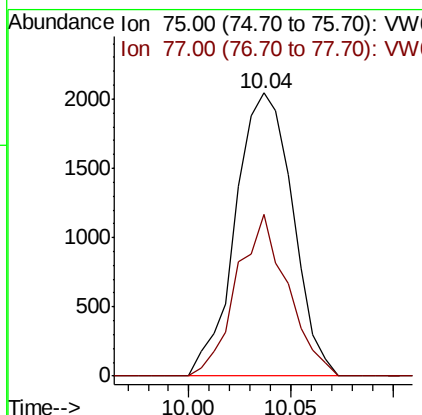
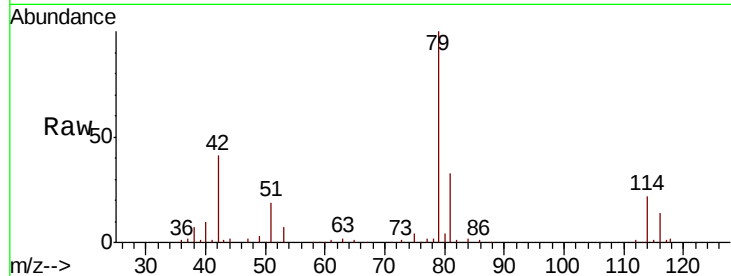




#42
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016166.D
 Acq: 12 Aug 2020 17:24

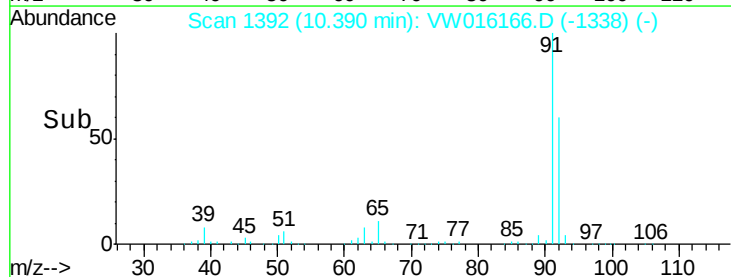
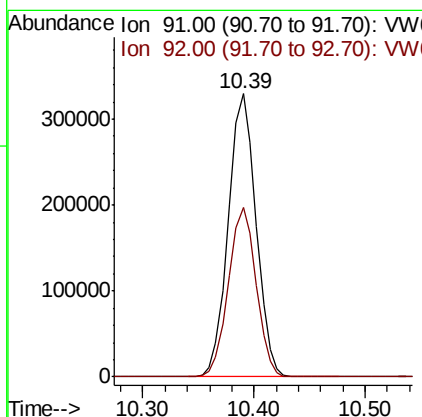
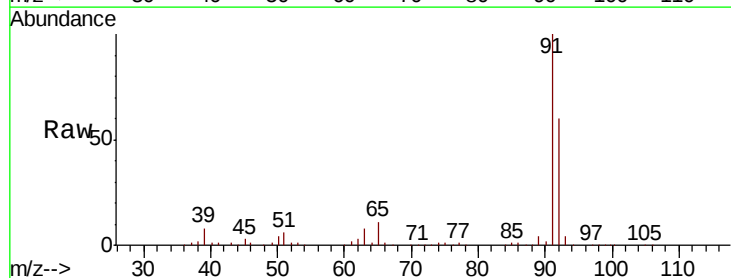
Instrument :
 MSVOA_W
 ClientSampled :

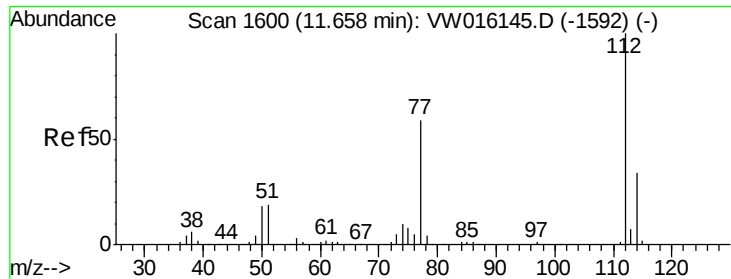
Tot Ion: 75 Resp: 3979
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.9 42.5#



#44
 Toluene
 Concen: 23.275 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW016166.D
 Acq: 12 Aug 2020 17:24

Tgt Ion: 91 Resp: 569082
 Ion Ratio Lower Upper
 91 100
 92 59.7 41.8 77.6





#52
 Chlorobenzene
 Concen: 22.499 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW016166.D
 Acq: 12 Aug 2020 17:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
77	58.7	49.1	73.7
114	33.6	23.5	43.7

