

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122420\
 Data File : VW017733.D
 Acq On : 24 Dec 2020 14:03
 Operator : SY/VA
 Sample : L5206-01
 Misc : 4.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:47:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373051	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330146	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	162387	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136301	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.44%
7) Chloroethane-d5	2.89	69	114219	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
10) 1,1-Dichloroethene-d2	4.02	63	188185	18.71	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.84%
20) 2-Butanone-d5	7.08	46	49654	53.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.16%
24) Chloroform-d	7.65	84	241800	24.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	8.31	65	135506	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.44%
29) Benzene-d6	8.27	84	487379	26.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.84%
33) 1,2-Dichloropropane-d6	9.27	67	138075	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.72%
37) Toluene-d8	10.32	98	465008	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.12%
38) trans-1,3-Dichloropropene-	10.58	79	58884	25.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.08%
39) 2-Hexanone-d5	10.93	63	34063	52.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97642	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	148491	26.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.04%

Target Compounds

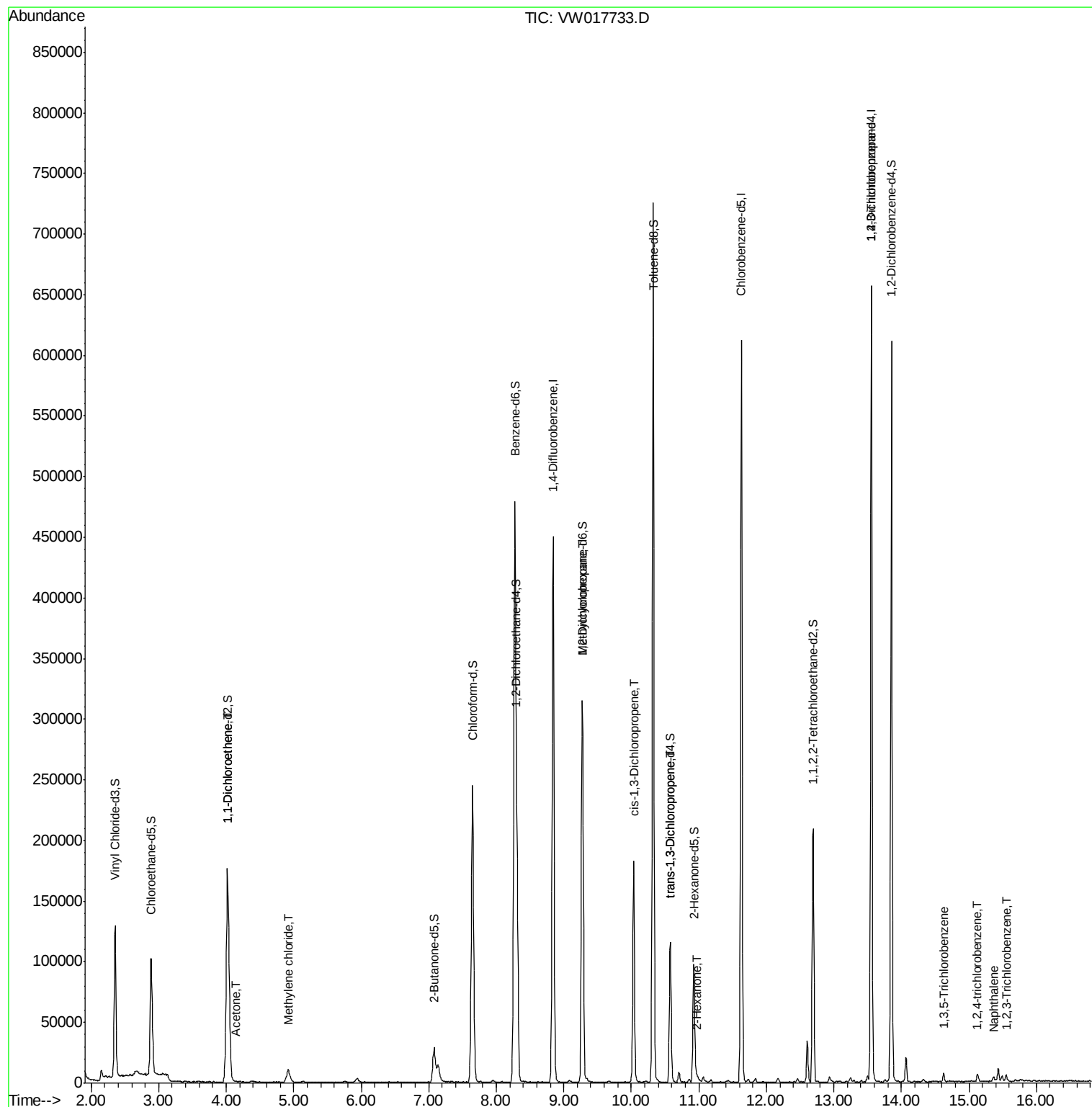
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.02	96	1764	0.384	ug/L #	1
13) Acetone	4.15	43	444	0.550	ug/L	55
16) Methylene chloride	4.91	84	7950	1.490	ug/L	79
36) Methylcyclohexane	9.27	83	33991	3.721	ug/L #	21
42) cis-1,3-Dichloropropene	10.03	75	5854	0.823	ug/L	89
45) trans-1,3-Dichloropropene	10.57	75	3441	0.568	ug/L	99
49) 2-Hexanone	10.98	43	1650	1.074	ug/L #	84
59) 1,2,3-Trichloropropane	13.55	75	22764	8.376	ug/L	91
67) 1,3,5-Trichlorobenzene	14.62	180	1744	0.254	ug/L	91
68) 1,2,4-trichlorobenzene	15.13	180	1564	0.277	ug/L	88
69) Naphthalene	15.36	128	3257	0.302	ug/L #	87
70) 1,2,3-Trichlorobenzene	15.56	180	1815	0.380	ug/L #	60

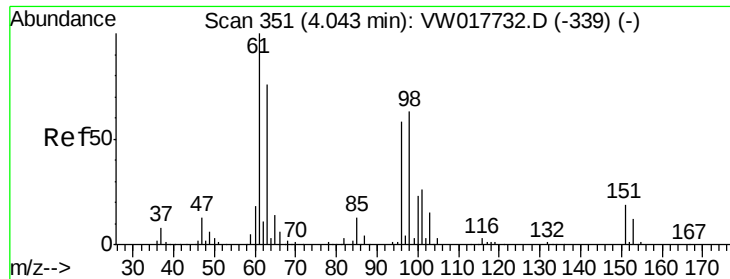
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122420\
Data File : VW017733.D
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Sample : L5206-01
Misc : 4.41G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 25 07:47:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration

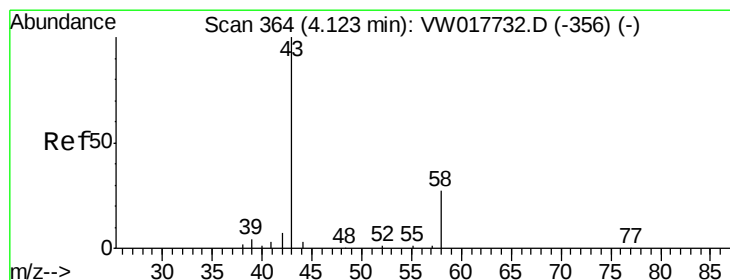
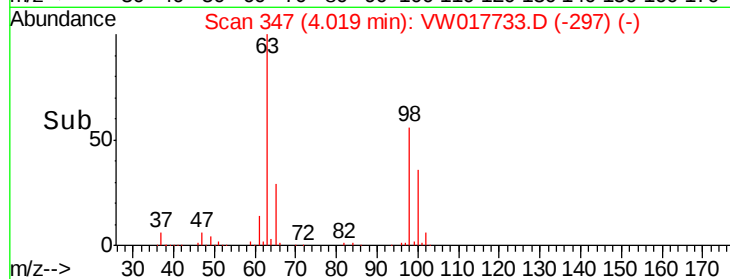
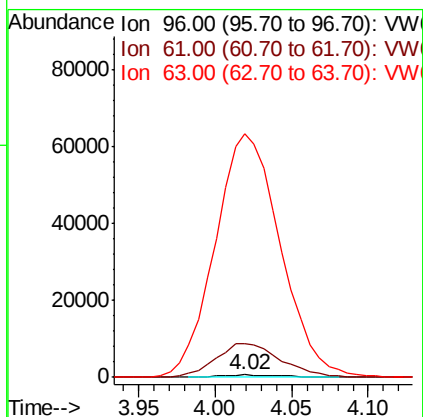
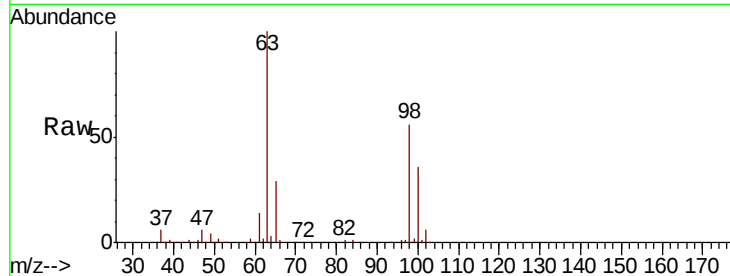




#12
 1,1-Dichloroethene
 Concen: 0.384 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW017733.D
 Acq: 24 Dec 2020 14:03

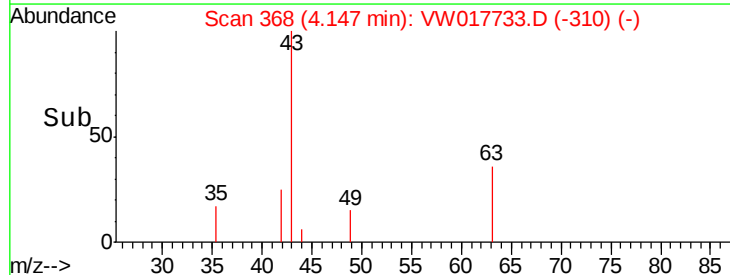
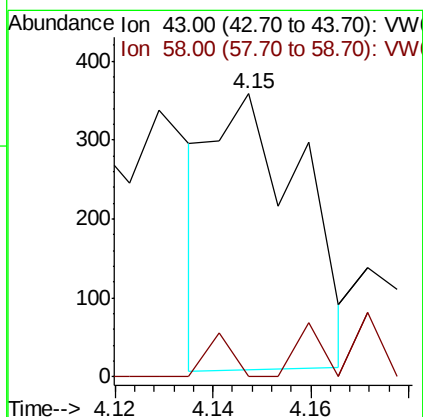
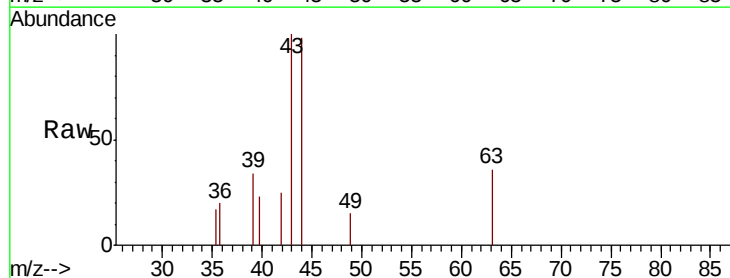
Instrument :
 MSVOA_W
 ClientSampled :

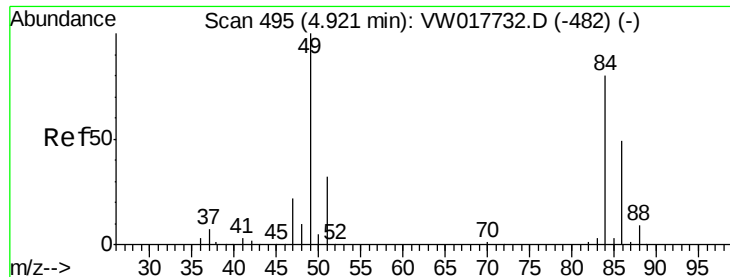
Tot Ion: 96 Resp: 1764
 Ion Ratio Lower Upper
 96 100
 61 1371.7 126.1 234.1#
 63 9957.2 90.0 167.2#



#13
 Acetone
 Concen: 0.550 ug/L
 RT: 4.15 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VW017733.D
 Acq: 24 Dec 2020 14:03

Tgt Ion: 43 Resp: 444
 Ion Ratio Lower Upper
 43 100
 58 5.6 0.0 60.8

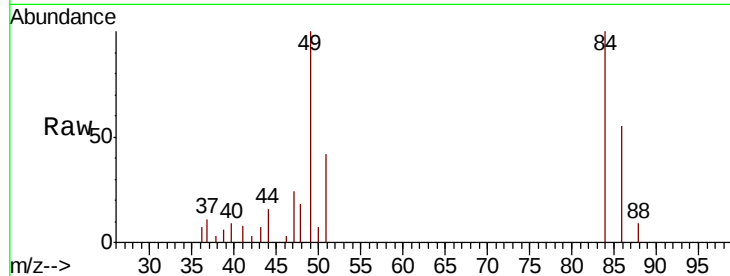




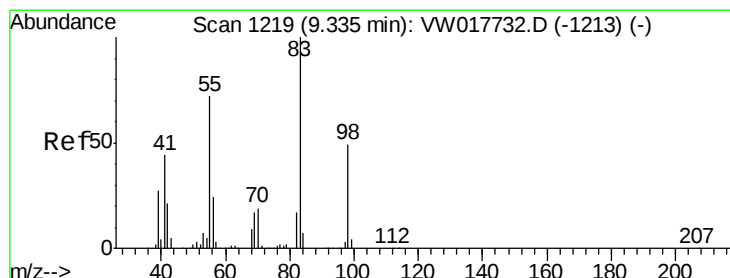
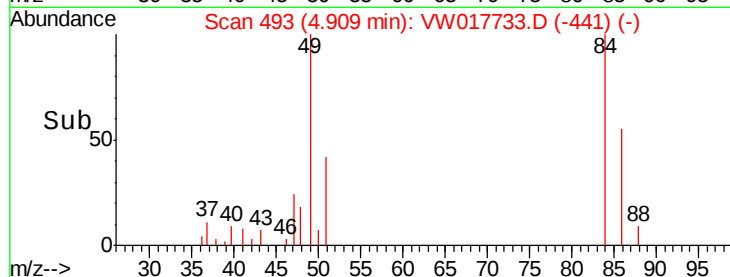
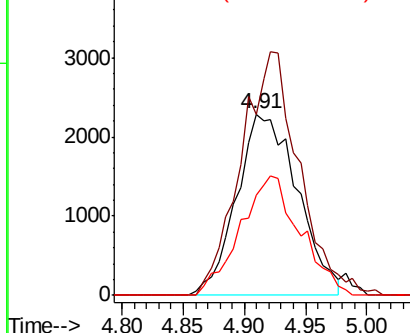
#16
Methvlene chloride
Concen: 1.490 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW017733.D
Acq: 24 Dec 2020 14:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 7950
Ion Ratio Lower Upper
84 100
49 100.0 90.5 168.1
86 55.1 44.8 83.2

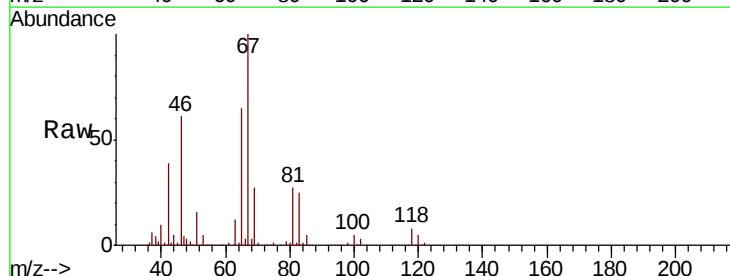


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

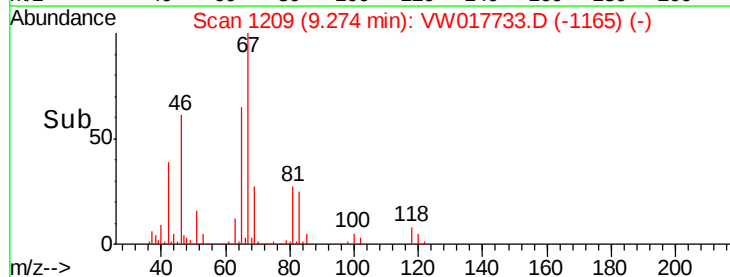
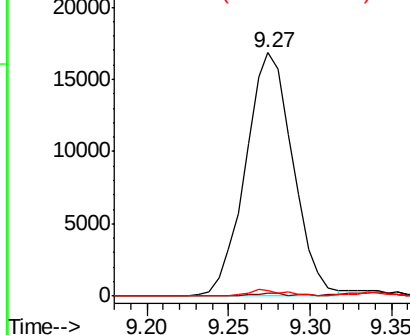


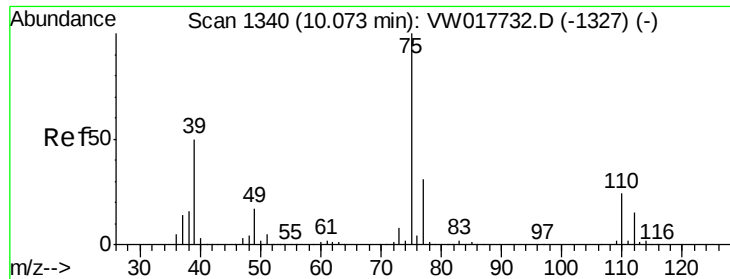
#36
Methylcyclohexane
Concen: 3.721 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017733.D
Acq: 24 Dec 2020 14:03

Tgt Ion: 83 Resp: 33991
Ion Ratio Lower Upper
83 100
55 0.7 57.6 86.4#
98 2.2 39.7 59.5#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017733.D

Acq: 24 Dec 2020 14:03

Instrument :

MSVOA_W

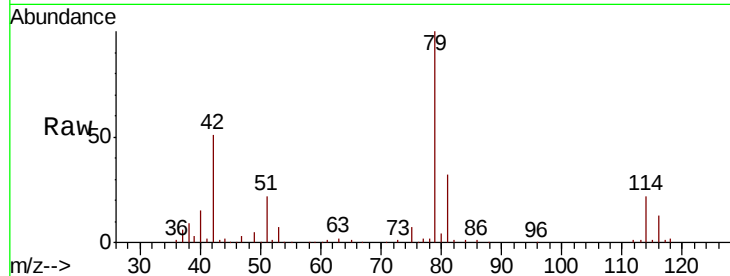
ClientSampleId :

Tot Ion: 75 Resp: 5854

Ion Ratio Lower Upper

75 100

77 36.7 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

4000

3000

2000

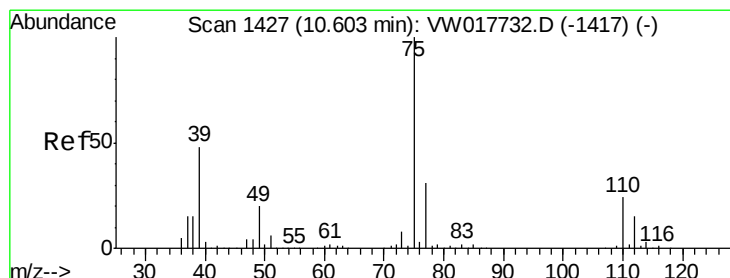
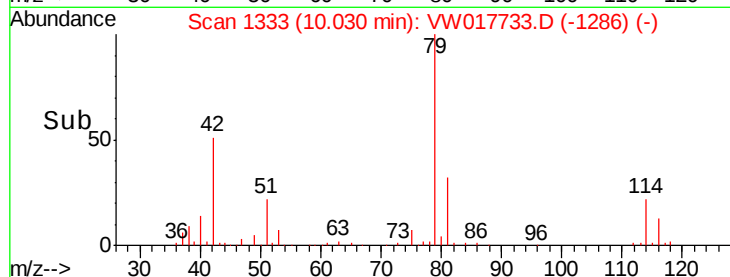
1000

0

10.03

10.00 10.05

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017733.D

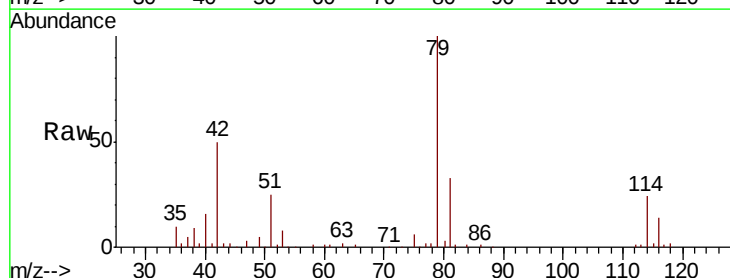
Acq: 24 Dec 2020 14:03

Tgt Ion: 75 Resp: 3441

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

2000

1500

1000

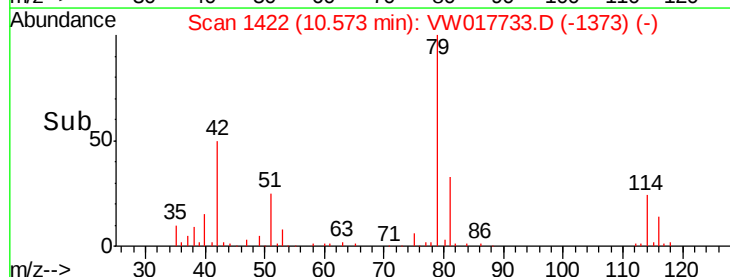
500

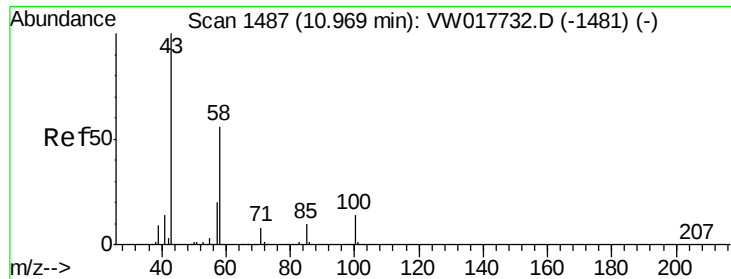
0

10.57

10.50 10.55 10.60 10.65

Time-->





#49

2-Hexanone

Concen: 1.074 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017733.D

Acq: 24 Dec 2020 14:03

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1650

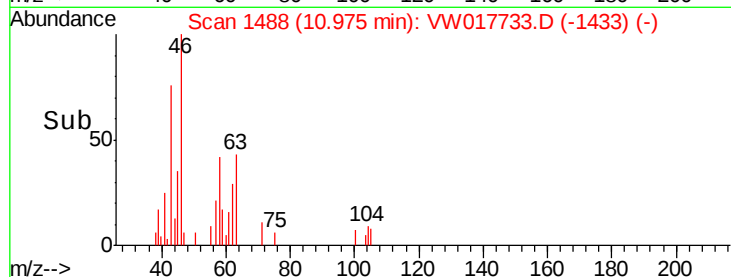
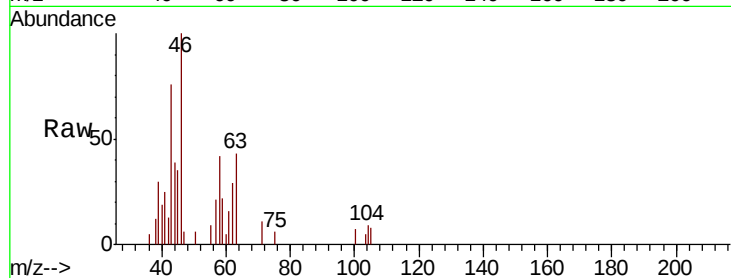
Ion Ratio Lower Upper

43 100

58 43.9 44.2 66.4#

57 12.1 16.1 24.1#

100 6.7 11.0 16.4#

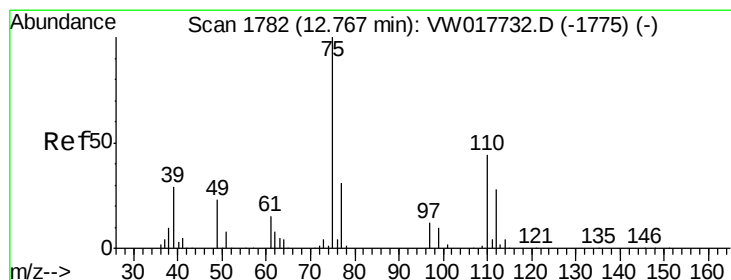
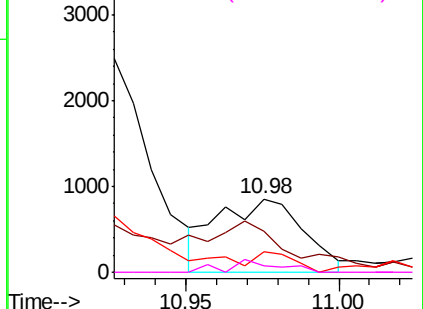


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#59

1,2,3-Trichloropropane

Concen: 8.376 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017733.D

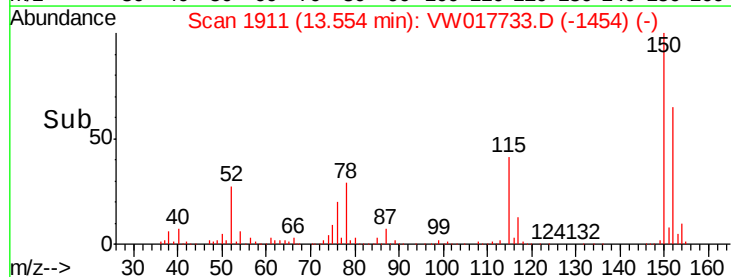
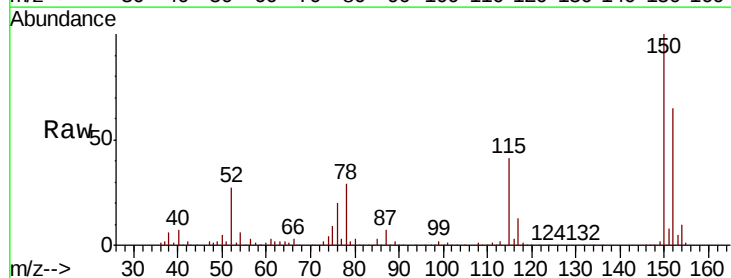
Acq: 24 Dec 2020 14:03

Tgt Ion: 75 Resp: 22764

Ion Ratio Lower Upper

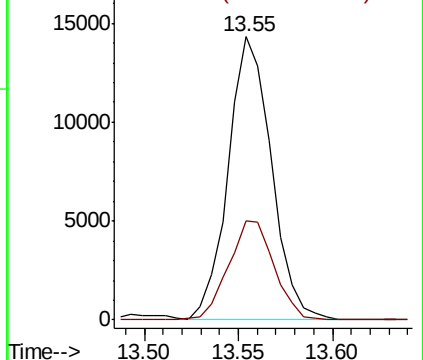
75 100

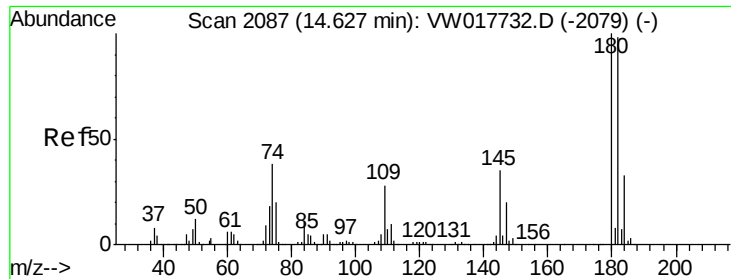
77 36.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

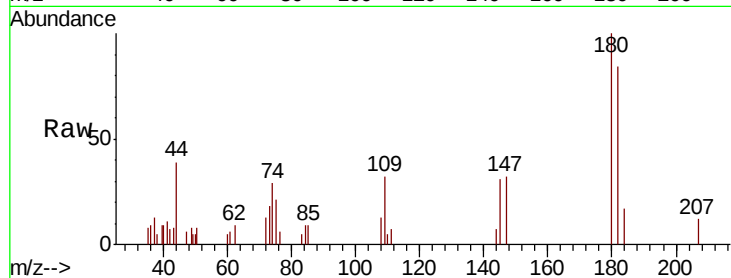




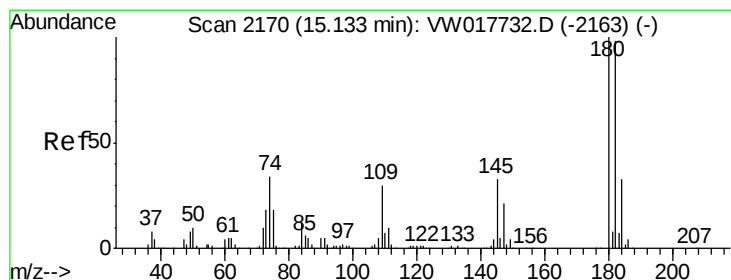
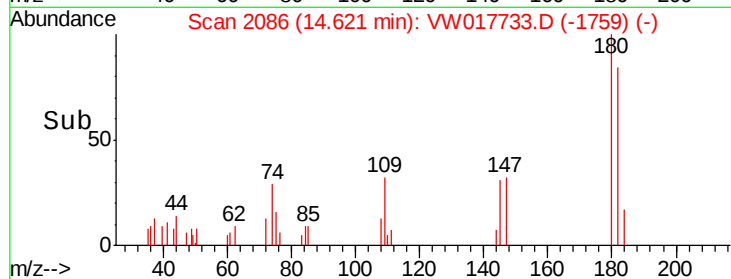
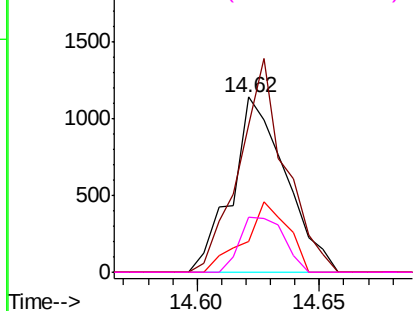
#67
 1,3,5-Trichlorobenzene
 Concen: 0.254 ug/L
 RT: 14.62 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: VW017733.D
 Acq: 24 Dec 2020 14:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 1744
 Ion Ratio Lower Upper
 180 100
 182 104.2 76.2 114.2
 184 32.2 23.6 35.4
 145 25.6 25.2 37.8

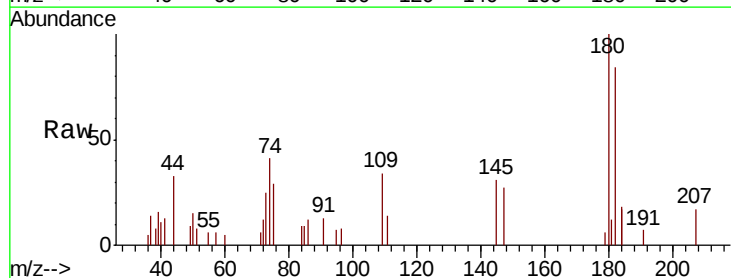


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

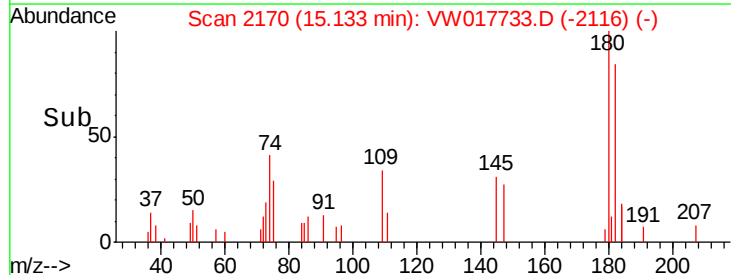
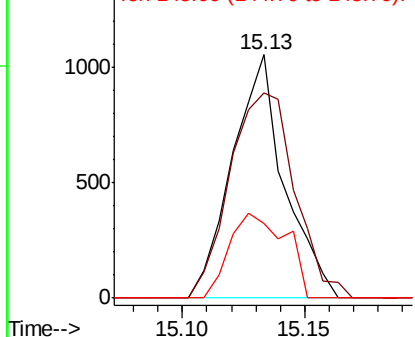


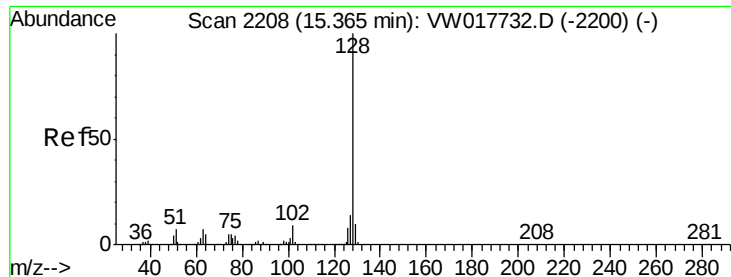
#68
 1,2,4-trichlorobenzene
 Concen: 0.277 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017733.D
 Acq: 24 Dec 2020 14:03

Tgt Ion:180 Resp: 1564
 Ion Ratio Lower Upper
 180 100
 182 105.6 73.0 109.6
 145 30.9 25.8 38.6



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 0.302 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW017733.D

Acq: 24 Dec 2020 14:03

Instrument :

MSVOA_W

ClientSampled :

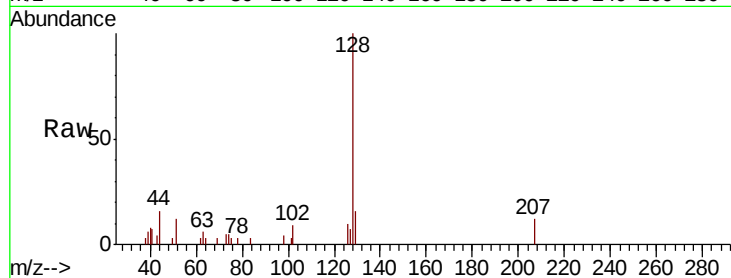
Tot Ion:128 Resp: 3257

Ion Ratio Lower Upper

128 100

129 13.1 8.8 13.2

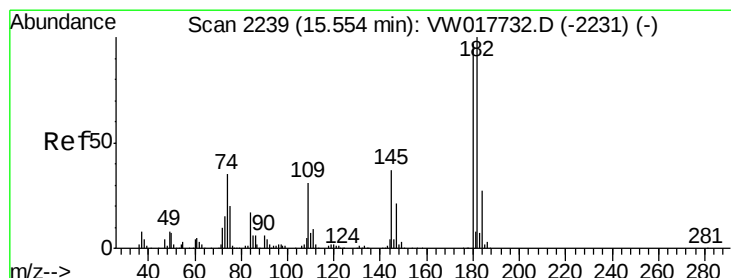
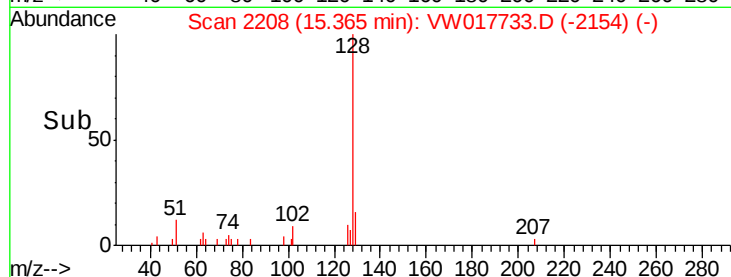
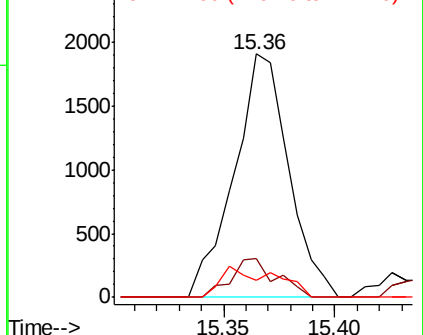
127 5.3 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.380 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW017733.D

Acq: 24 Dec 2020 14:03

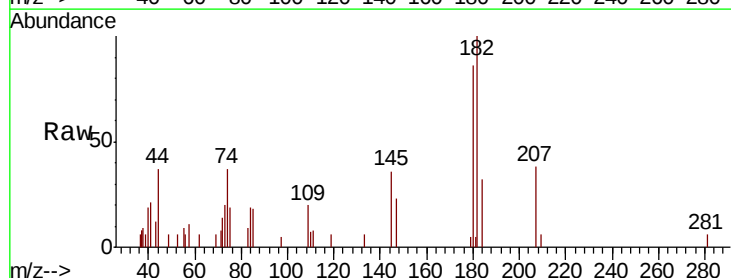
Tgt Ion:180 Resp: 1815

Ion Ratio Lower Upper

180 100

182 41.6 74.8 112.2#

145 33.2 28.6 43.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

