

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017280.D
 Acq On : 17 Nov 2020 12:50
 Operator : SY/VA
 Sample : L4710-02RE
 Misc : 4.66G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW7

Quant Time: Nov 18 02:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	266362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	185762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64799	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
7) Chloroethane-d5	2.89	69	59257	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
10) 1,1-Dichloroethene-d2	4.02	63	99129	16.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.08%
20) 2-Butanone-d5	7.08	46	17136	22.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.68%
24) Chloroform-d	7.65	84	143658	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	8.31	65	67942	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.92%
29) Benzene-d6	8.28	84	267346	28.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.04%
33) 1,2-Dichloropropane-d6	9.27	67	72197	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.36%
37) Toluene-d8	10.33	98	233716	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.80%
38) trans-1,3-Dichloropropene-	10.58	79	23597	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.93	63	11970	26.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37960	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	36012	20.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.12%

Target Compounds

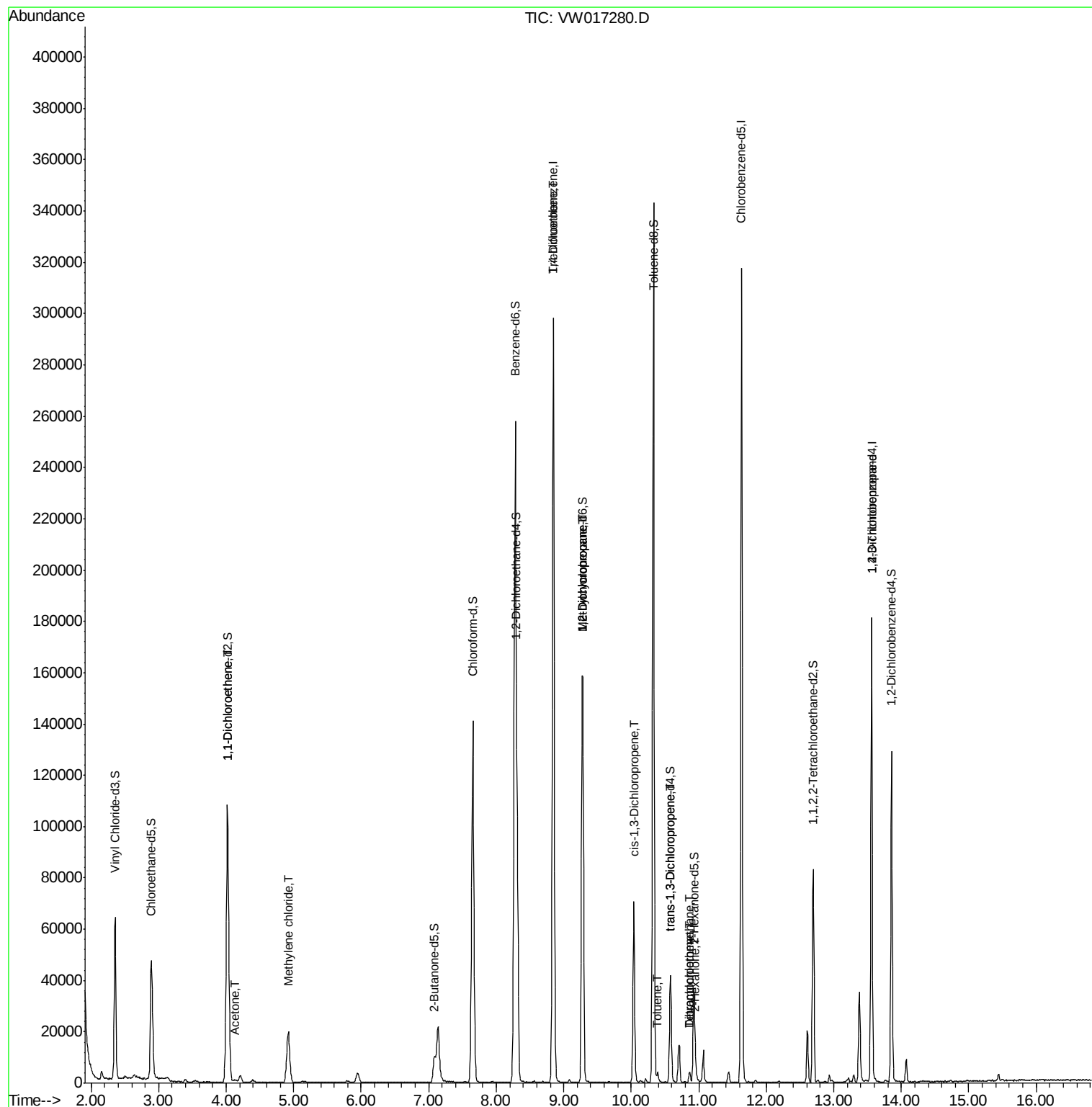
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.02	96	934	0.283	ug/L #	1
13) Acetone	4.13	43	1031	2.052	ug/L	96
16) Methylene chloride	4.92	84	15997	4.455	ug/L	97
35) Trichloroethene	8.84	95	7588	2.777	ug/L #	2
36) Methylcyclohexane	9.27	83	19450	4.424	ug/L #	22
40) 1,2-Dichloropropane	9.28	63	8733	3.830	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2152	0.596	ug/L	84
44) Toluene	10.40	91	2630	0.245	ug/L	92
45) trans-1,3-Dichloropropene	10.57	75	1170	0.377	ug/L #	57
47) Tetrachloroethene	10.87	164	1019	0.413	ug/L	89
49) 2-Hexanone	10.96	43	2011	2.371	ug/L #	41
50) Dibromochloromethane	10.86	129	973	0.406	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	5739	3.516	ug/L	91

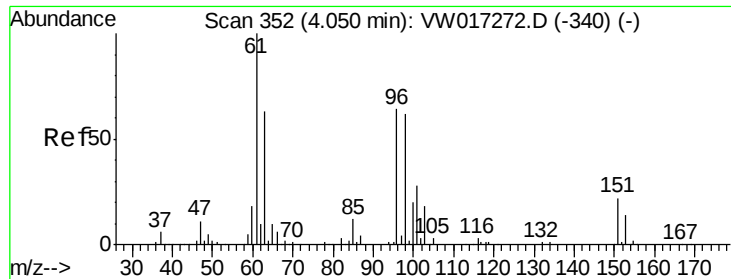
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
Data File : VW017280.D
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.283 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.03 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

C0AW7

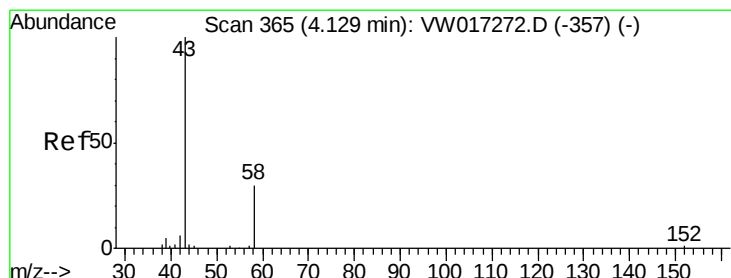
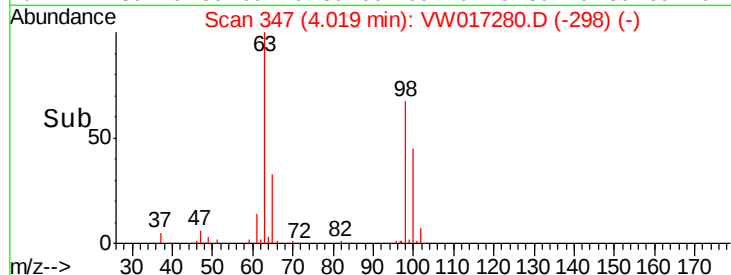
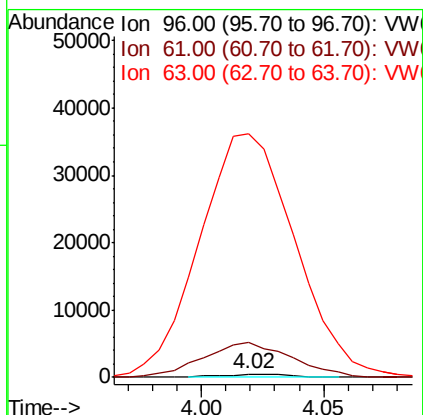
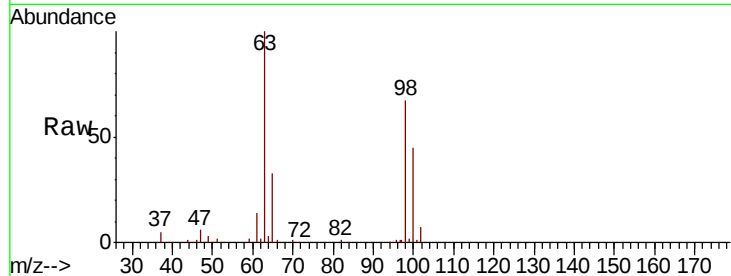
Tot Ion: 96 Resp: 934

Ion Ratio Lower Upper

96 100

61 1001.0 103.8 192.8#

63 7021.4 84.4 156.7#



#13

Acetone

Concen: 2.052 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017280.D

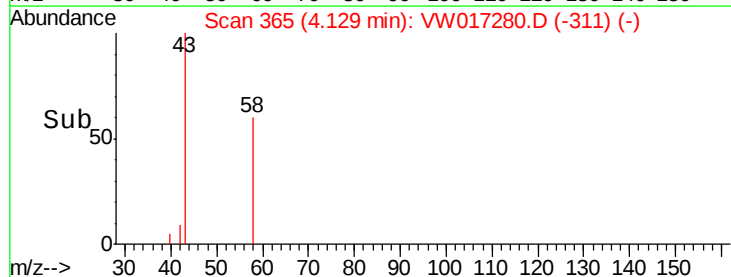
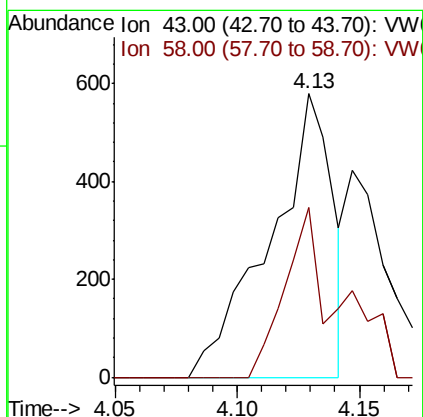
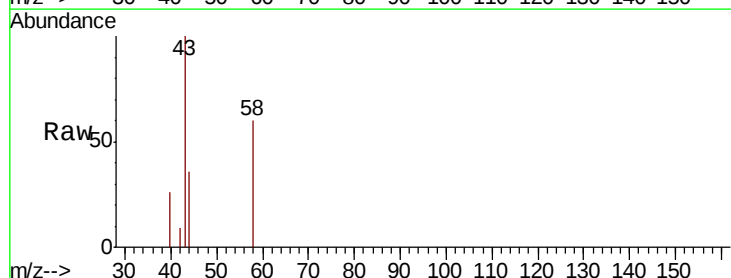
Acq: 17 Nov 2020 12:50

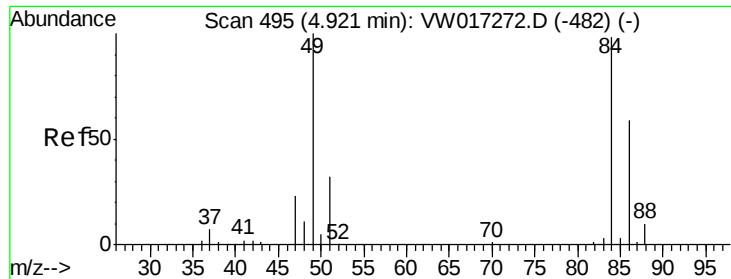
Tgt Ion: 43 Resp: 1031

Ion Ratio Lower Upper

43 100

58 32.0 0.0 69.2

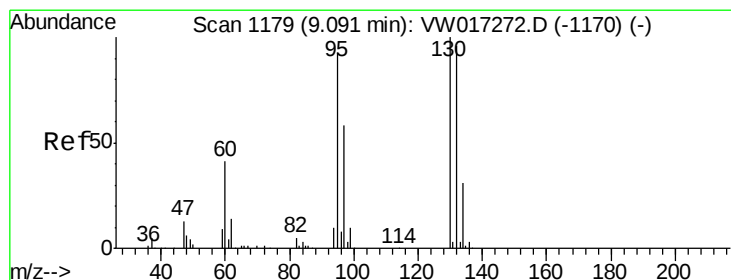
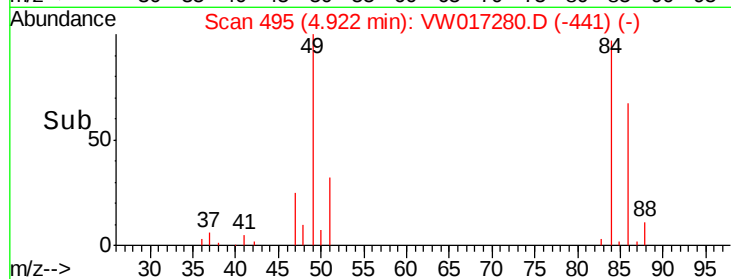
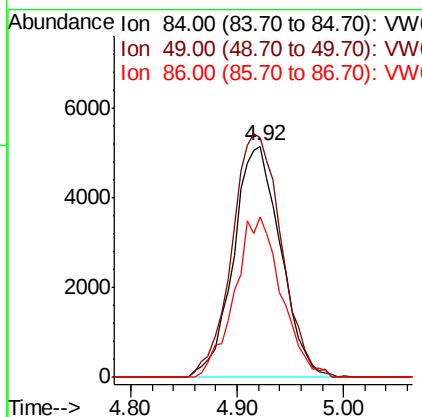
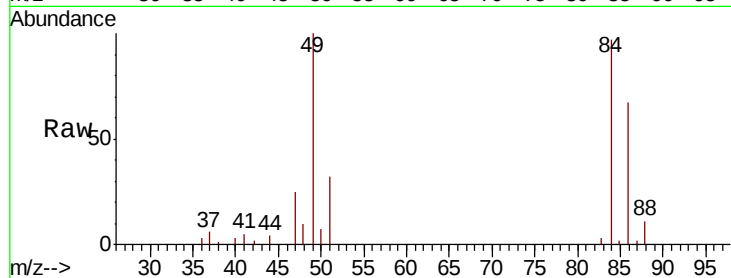




#16
Methvlene chloride
Concen: 4.455 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017280.D
Acq: 17 Nov 2020 12:50

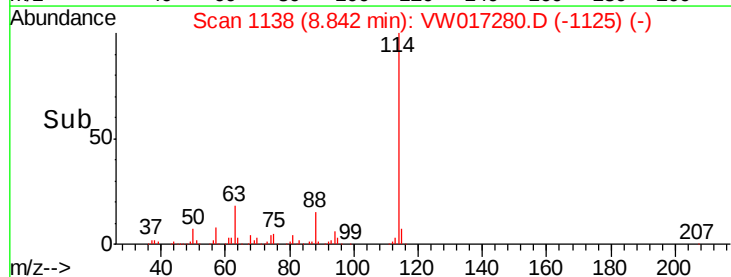
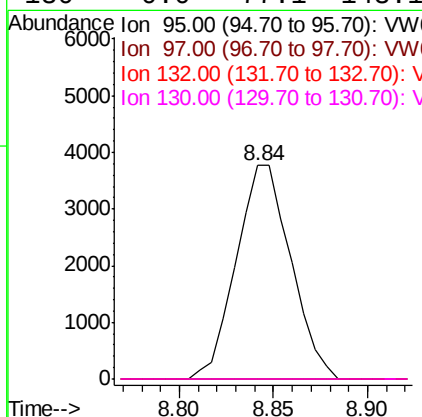
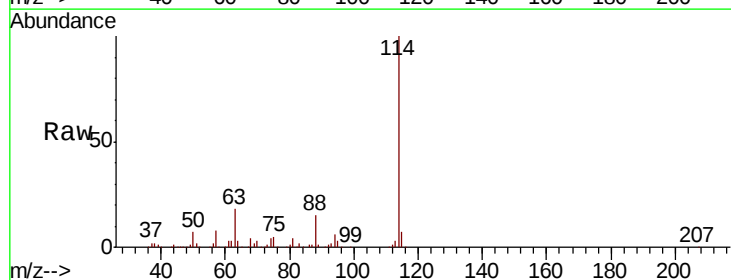
Instrument :
MSVOA_W
ClientSampleId :
C0AW7

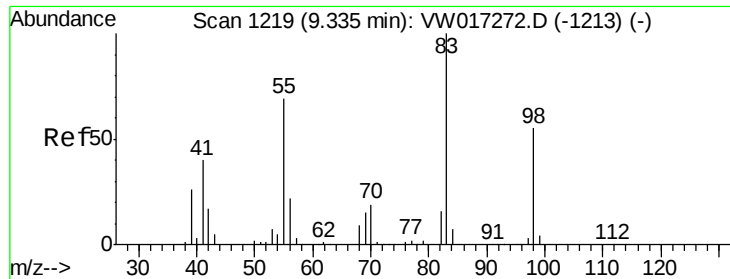
Tot Ion: 84 Resp: 15997
Ion Ratio Lower Upper
84 100
49 103.6 72.3 134.3
86 69.5 45.1 83.7



#35
Trichloroethene
Concen: 2.777 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017280.D
Acq: 17 Nov 2020 12:50

Tgt Ion: 95 Resp: 7588
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 73.7 136.9#
130 0.0 77.1 143.1#

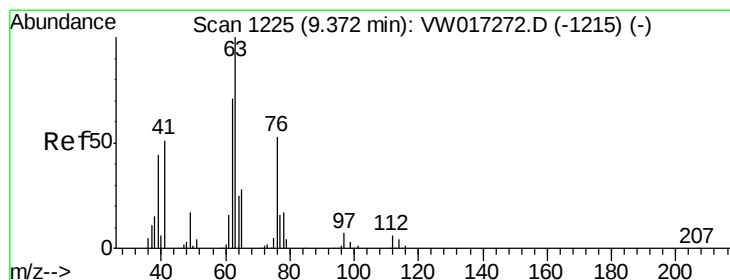
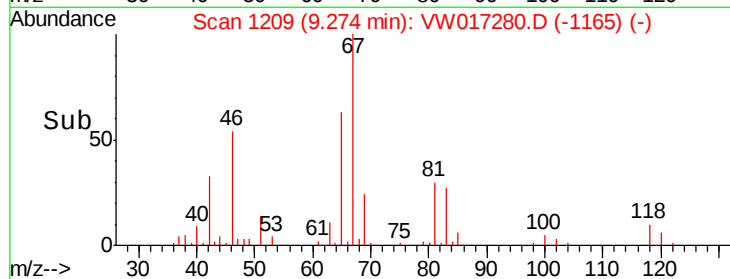
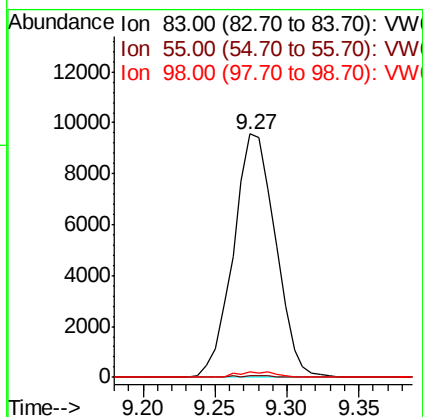
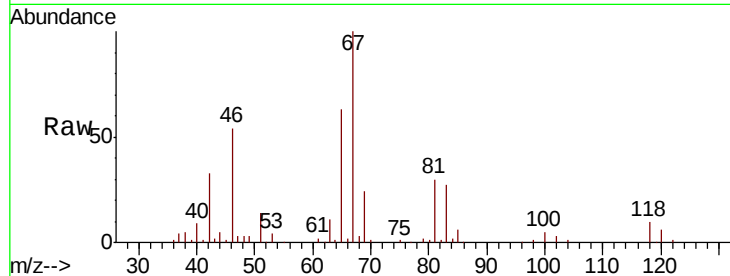




#36
Methvlcvclohexane
Concen: 4.424 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017280.D
Acq: 17 Nov 2020 12:50

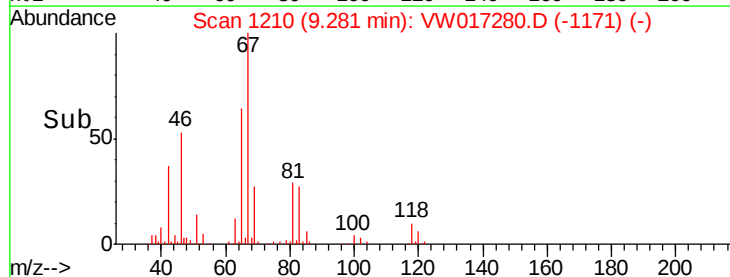
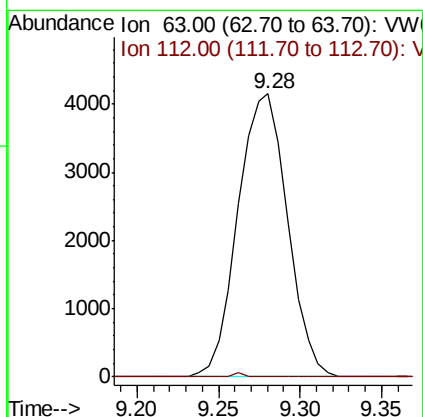
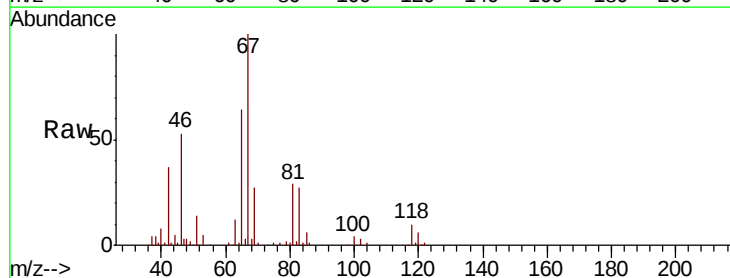
Instrument :
MSVOA_W
ClientSampled :
C0AW7

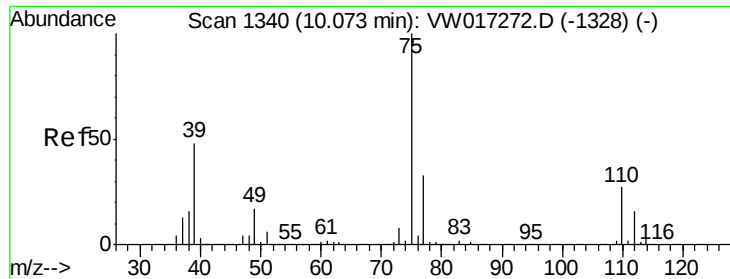
Tot Ion: 83 Resp: 19450
Ion Ratio Lower Upper
83 100
55 0.3 54.4 81.6#
98 1.9 40.5 60.7#



#40
1,2-Dichloropropane
Concen: 3.830 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017280.D
Acq: 17 Nov 2020 12:50

Tgt Ion: 63 Resp: 8733
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#

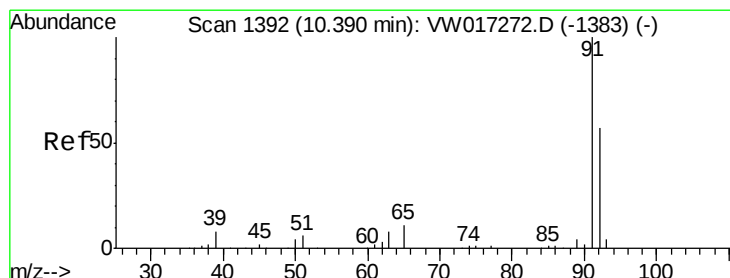
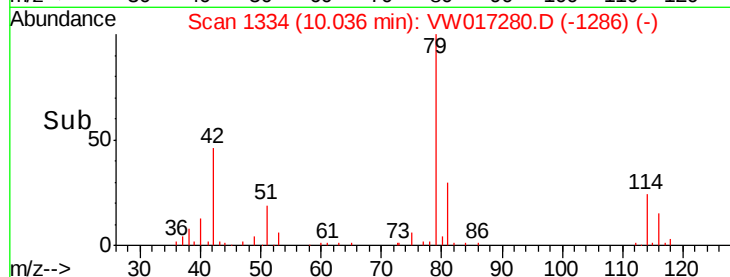
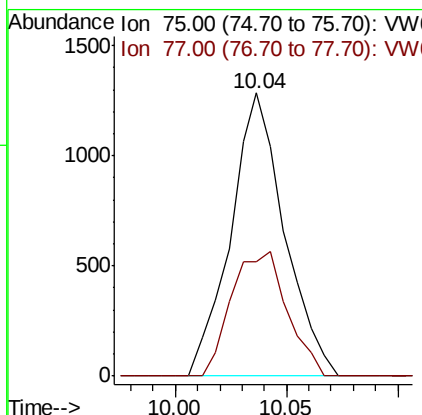
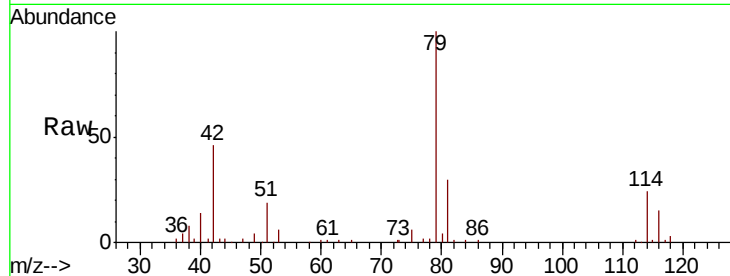




#42
 cis-1,3-Dichloropropene
 Concen: 0.596 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017280.D
 Acq: 17 Nov 2020 12:50

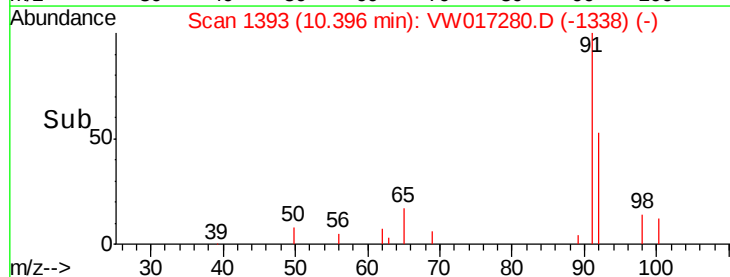
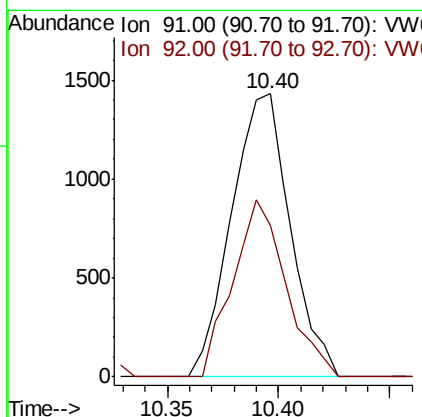
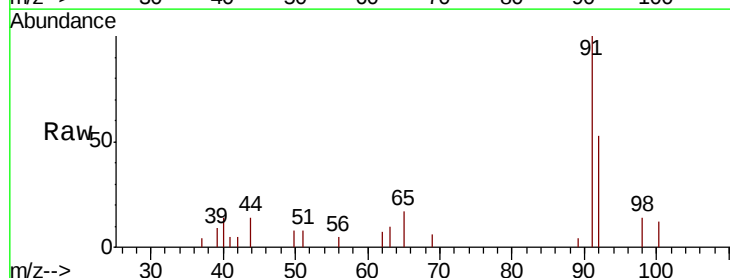
Instrument :
 MSVOA_W
 ClientSampled :
 C0AW7

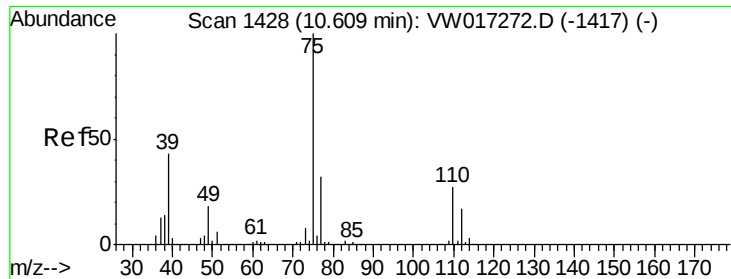
Tot Ion: 75 Resp: 2152
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.0 41.0



#44
 Toluene
 Concen: 0.245 ug/L
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VW017280.D
 Acq: 17 Nov 2020 12:50

Tgt Ion: 91 Resp: 2630
 Ion Ratio Lower Upper
 91 100
 92 53.5 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.377 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.04 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

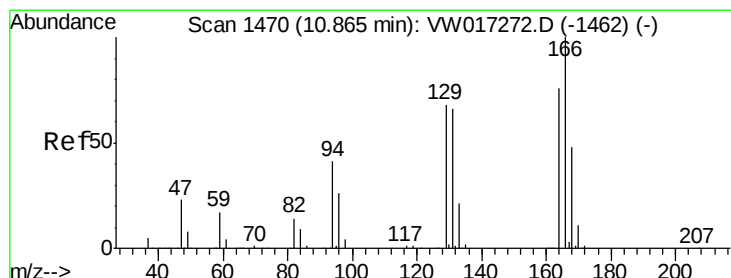
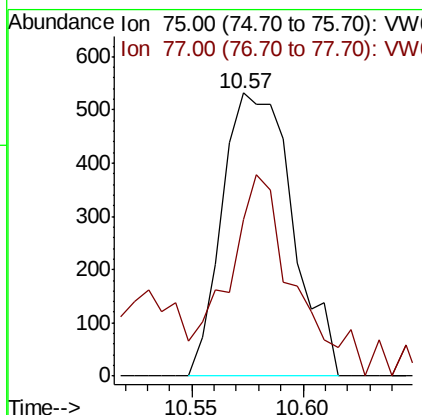
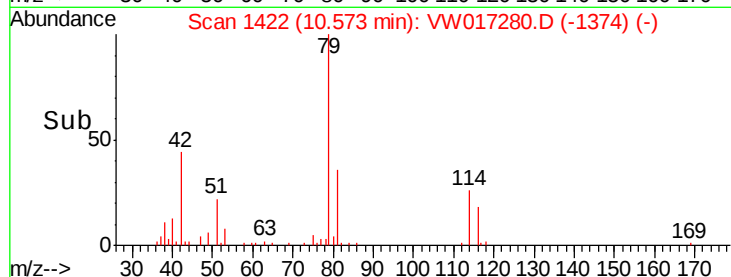
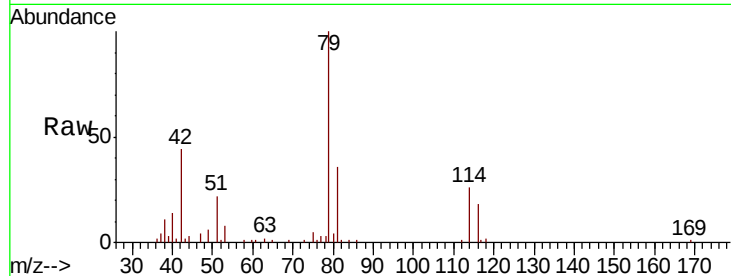
C0AW7

Tot Ion: 75 Resp: 1170

Ion Ratio Lower Upper

75 100

77 55.3 22.1 41.1#



#47

Tetrachloroethene

Concen: 0.413 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

Tgt Ion: 164 Resp: 1019

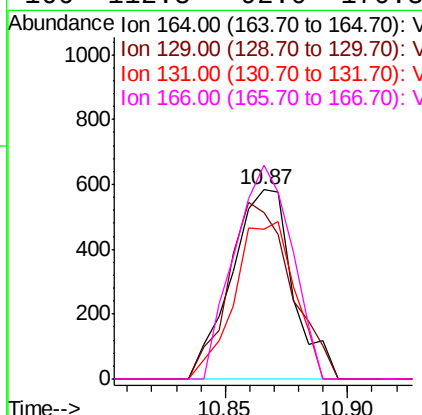
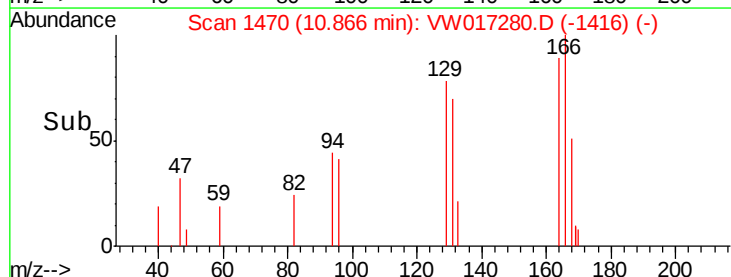
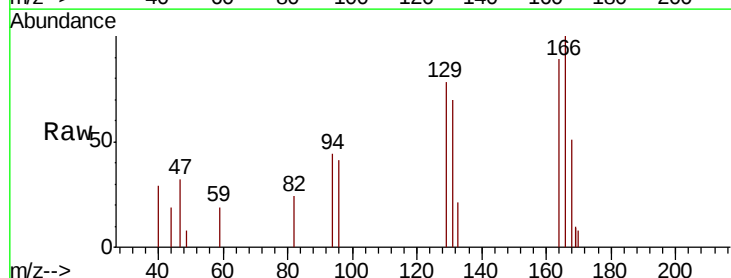
Ion Ratio Lower Upper

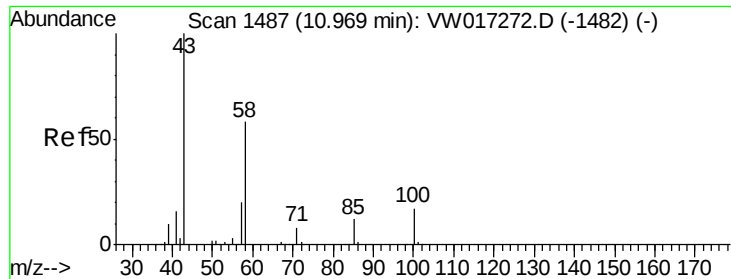
164 100

129 87.8 62.9 116.7

131 78.9 63.3 117.5

166 112.8 92.0 170.8





#49

2-Hexanone

Concen: 2.371 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

C0AW7

Tot Ion: 43 Resp: 2011

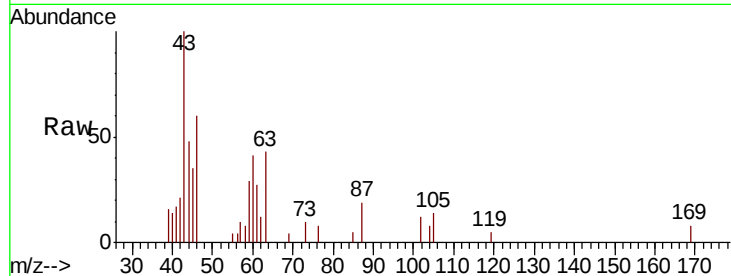
Ion Ratio Lower Upper

43 100

58 9.2 50.6 75.8#

57 0.0 17.8 26.6#

100 0.0 13.9 20.9#

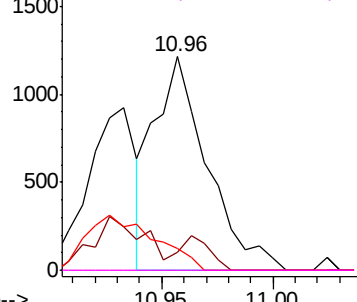


Abundance Ion 43.00 (42.70 to 43.70): VW

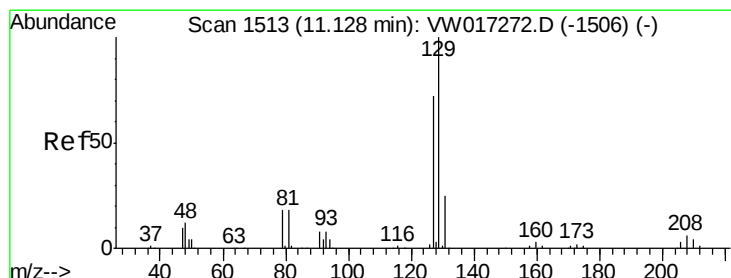
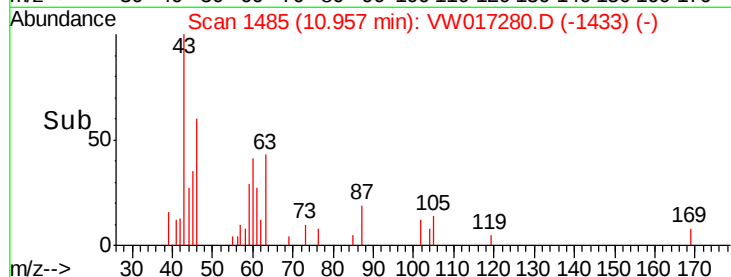
Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#50

Dibromochloromethane

Concen: 0.406 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW017280.D

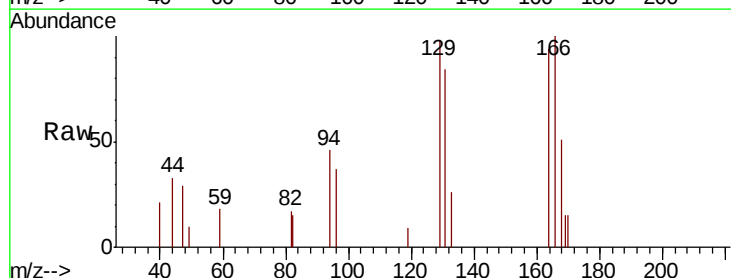
Acq: 17 Nov 2020 12:50

Tgt Ion: 129 Resp: 973

Ion Ratio Lower Upper

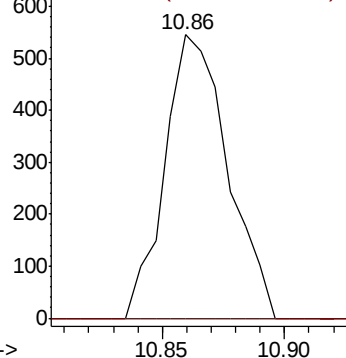
129 100

127 0.0 54.3 100.9#

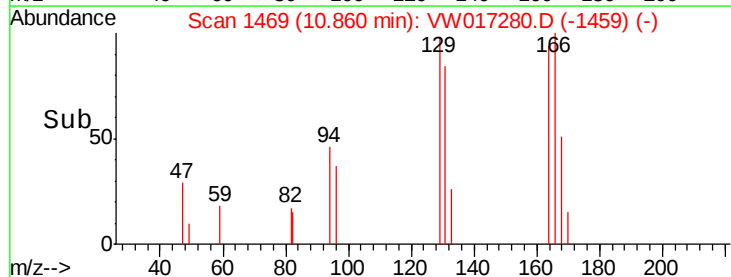


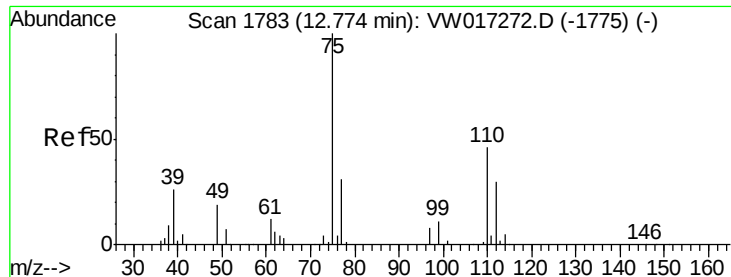
Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->





#59

1,2,3-Trichloropropane

Concen: 3.516 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

Instrument :

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ClientSampleId :

C0AW7

Tot Ion: 75 Resp: 5739

Ion Ratio Lower Upper

75 100

77 38.1 26.4 39.6

