

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120820\
 Data File : VW017590.D
 Acq On : 08 Dec 2020 16:38
 Operator : SY/VA
 Sample : L4955-12
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 06:20:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 06:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383407	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346543	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172114	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116094	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.08%
7) Chloroethane-d5	2.90	69	99148	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.03	63	197180	17.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.24%
20) 2-Butanone-d5	7.08	46	60687	57.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.12%
24) Chloroform-d	7.65	84	272473	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.47	65	105	0.02	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.28	84	516721	24.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.00%
33) 1,2-Dichloropropane-d6	9.27	67	149923	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.72%
37) Toluene-d8	10.32	98	469046	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	10.58	79	64554	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
39) 2-Hexanone-d5	10.93	63	38740	53.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113716	26.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	165787	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

Target Compounds

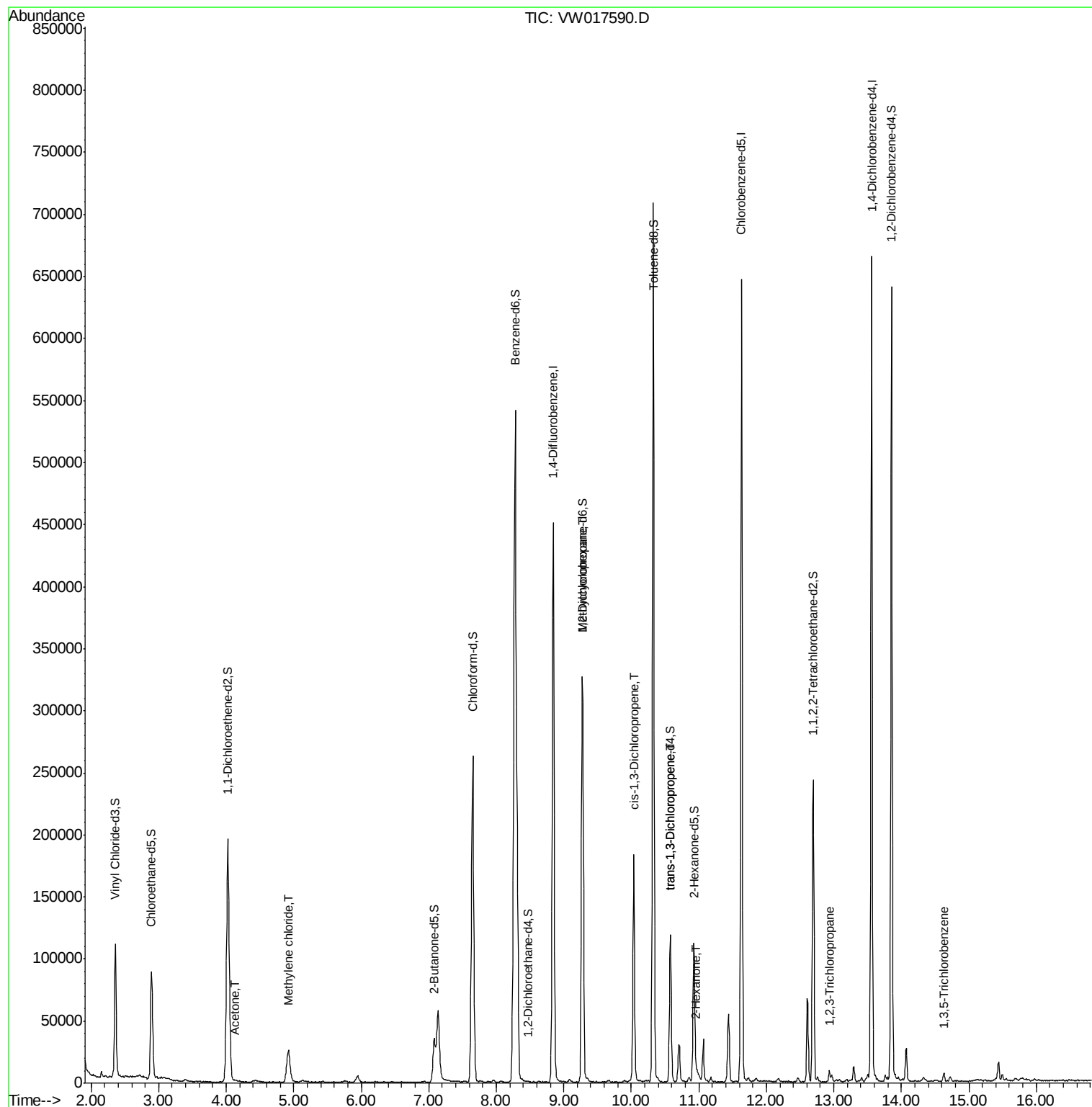
					Ovalue
13) Acetone	4.14	43	2012	1.966 ug/L	64
16) Methylene chloride	4.92	84	22040	3.829 ug/L	86
36) Methylcyclohexane	9.27	83	38033	3.983 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	5141	0.678 ug/L #	81
45) trans-1,3-Dichloropropene	10.58	75	3734	0.575 ug/L	96
49) 2-Hexanone	10.96	43	2161	1.359 ug/L #	91
59) 1,2,3-Trichloropropane	12.93	75	768	0.264 ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	1953	0.246 ug/L #	95

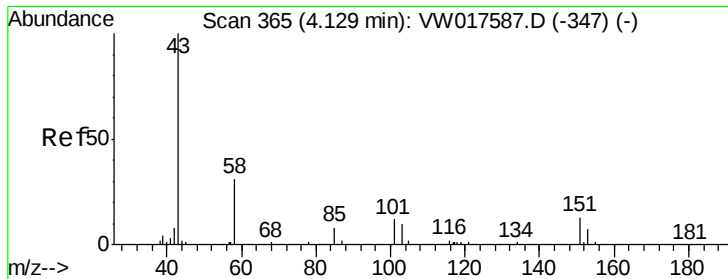
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 20 06:19:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.966 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017590.D

Acq: 08 Dec 2020 16:38

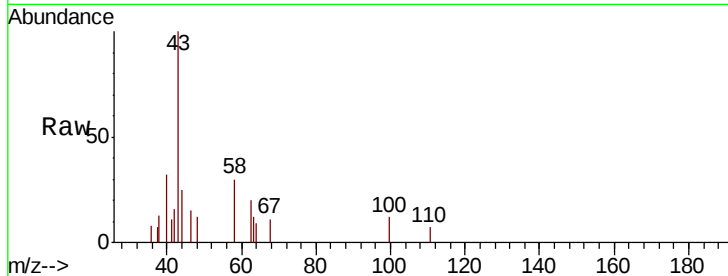
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2012

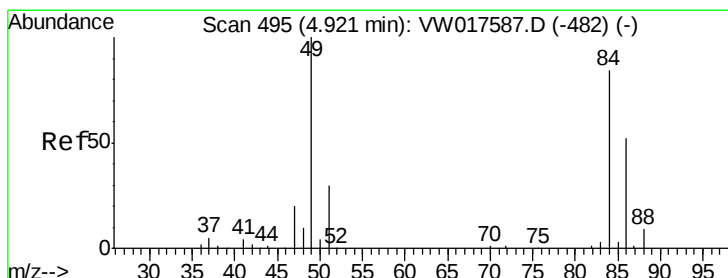
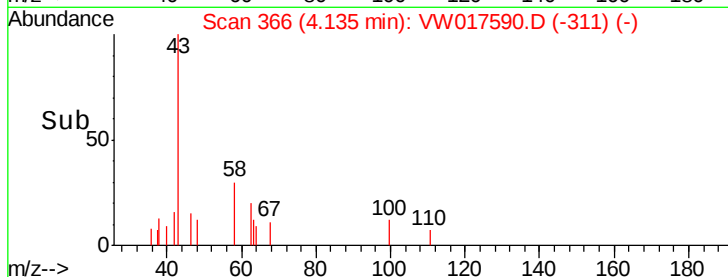
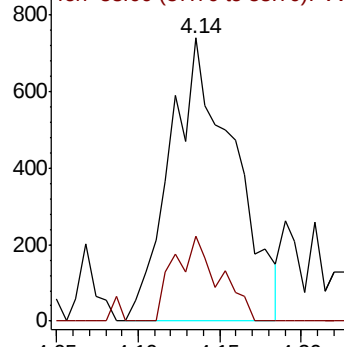
Ion Ratio Lower Upper

43 100

58 13.6 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.829 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017590.D

Acq: 08 Dec 2020 16:38

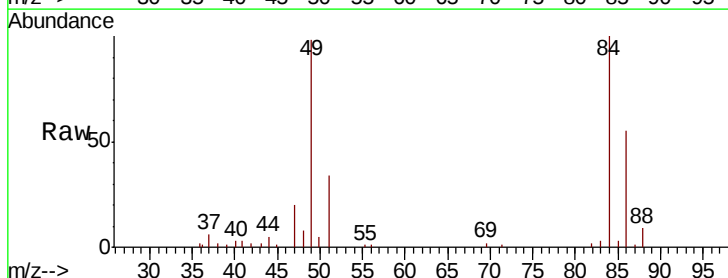
Tgt Ion: 84 Resp: 22040

Ion Ratio Lower Upper

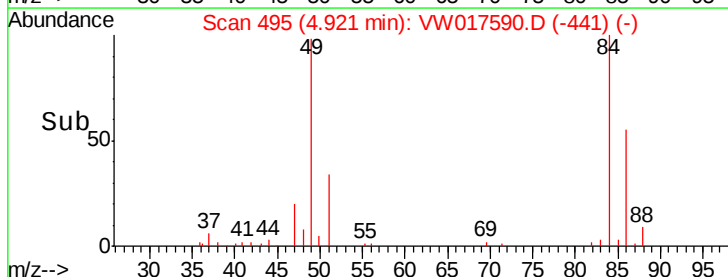
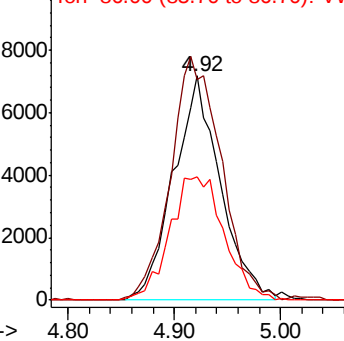
84 100

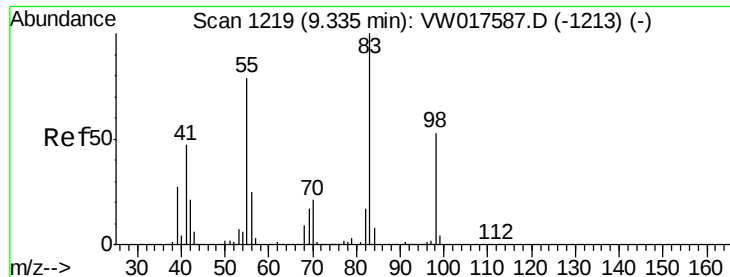
49 98.4 81.2 150.8

86 55.0 44.5 82.7



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

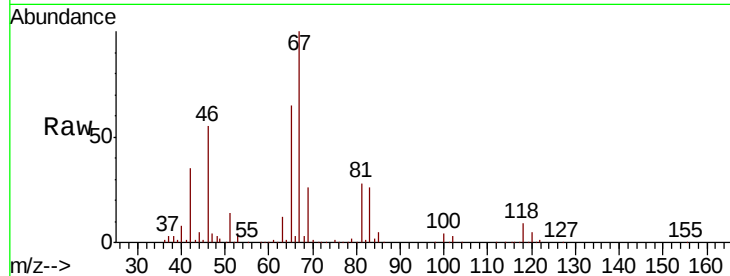




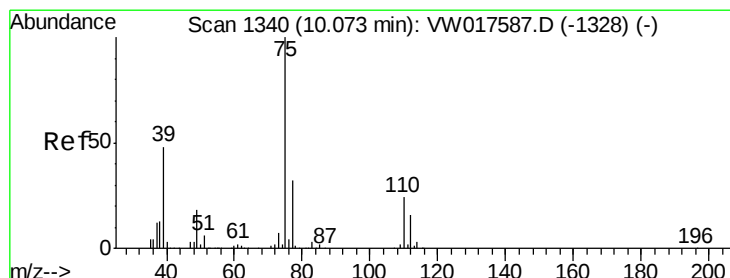
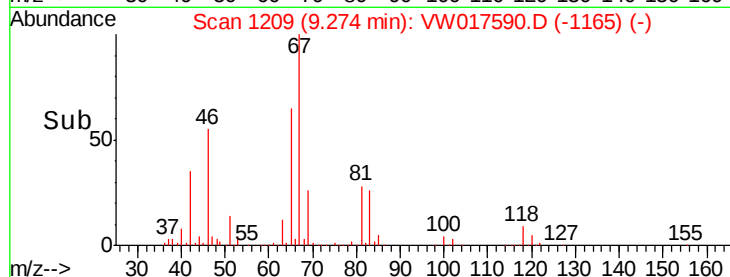
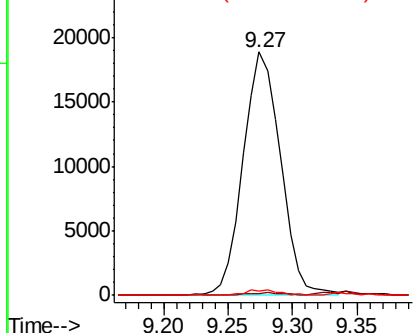
#36
Methylcyclohexane
Concen: 3.983 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017590.D
Acq: 08 Dec 2020 16:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 38033
Ion Ratio Lower Upper
83 100
55 1.0 59.4 89.0#
98 2.0 40.7 61.1#

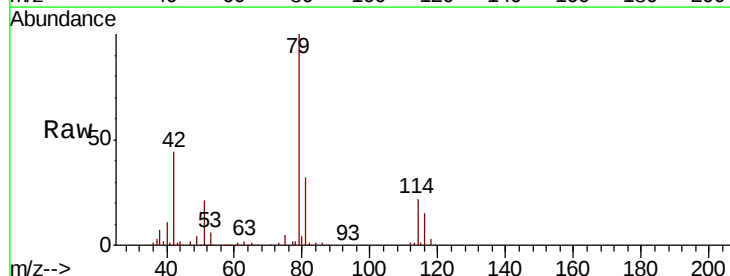


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

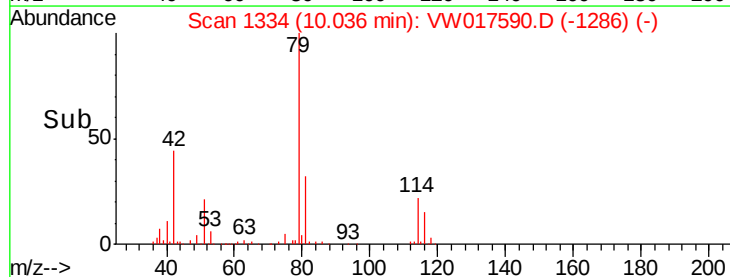
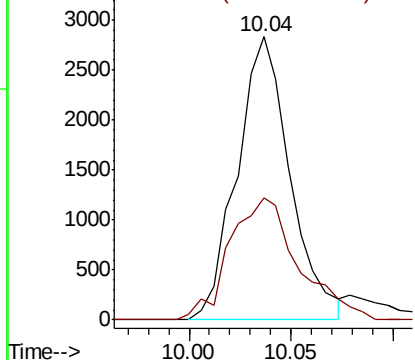


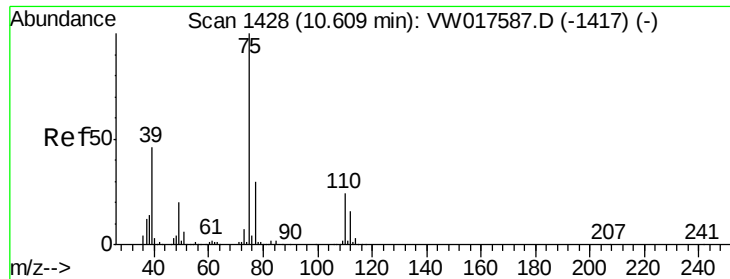
#42
cis-1,3-Dichloropropene
Concen: 0.678 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017590.D
Acq: 08 Dec 2020 16:38

Tgt Ion: 75 Resp: 5141
Ion Ratio Lower Upper
75 100
77 43.0 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017590.D

Acq: 08 Dec 2020 16:38

Instrument :

MSVOA_W

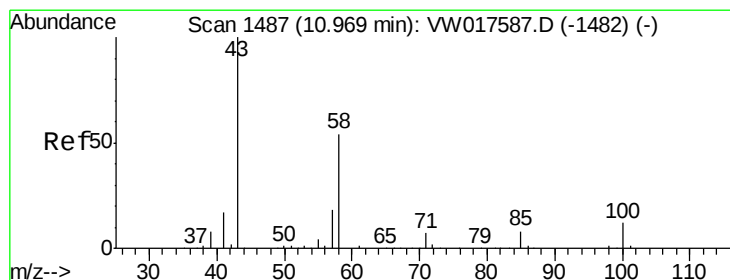
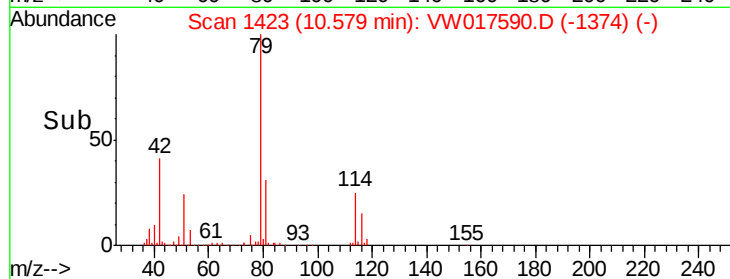
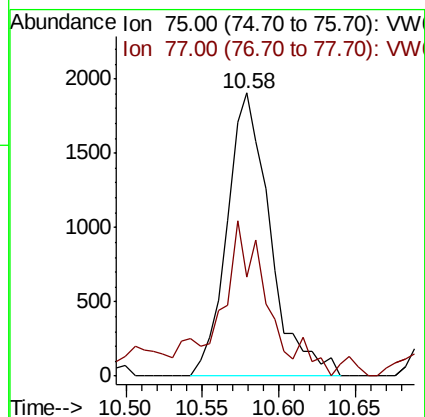
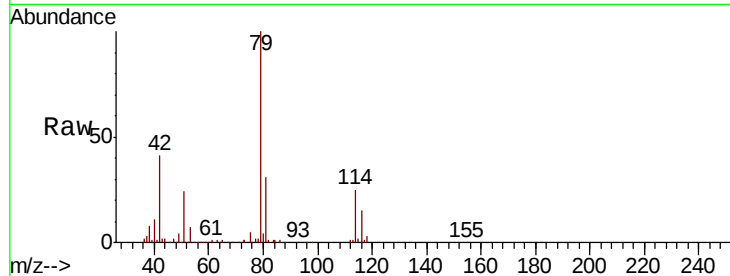
ClientSampleId :

Tot Ion: 75 Resp: 3734

Ion Ratio Lower Upper

75 100

77 34.8 22.6 42.0



#49

2-Hexanone

Concen: 1.359 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017590.D

Acq: 08 Dec 2020 16:38

Tgt Ion: 43 Resp: 2161

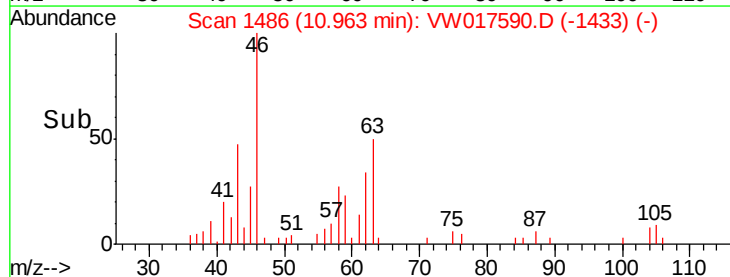
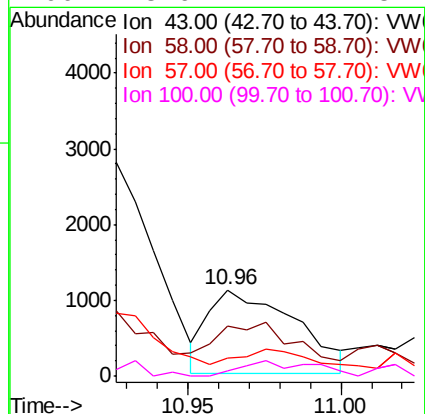
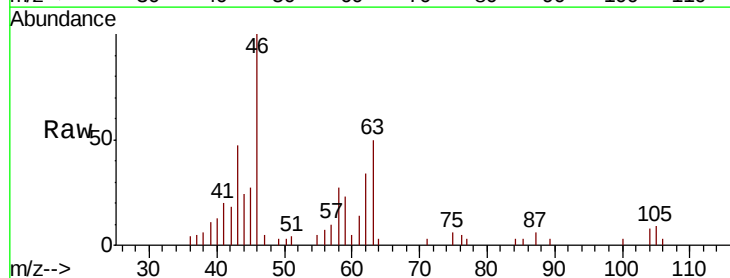
Ion Ratio Lower Upper

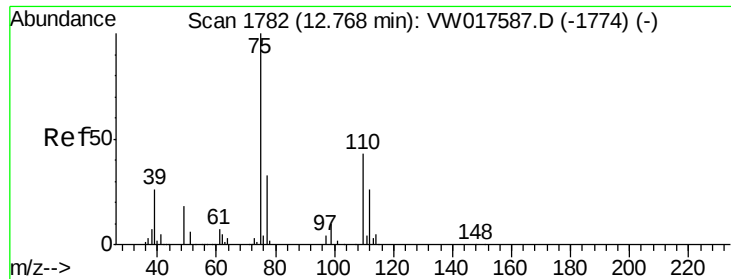
43 100

58 60.7 51.3 76.9

57 28.6 15.0 22.6#

100 8.6 12.2 18.2#

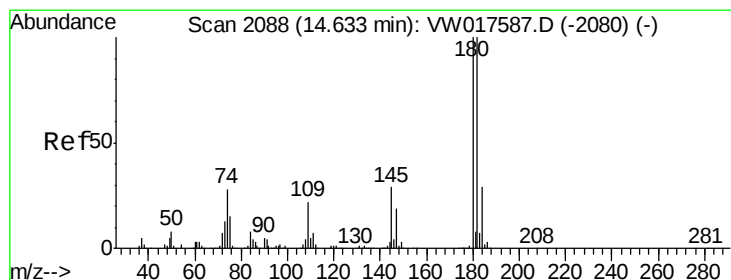
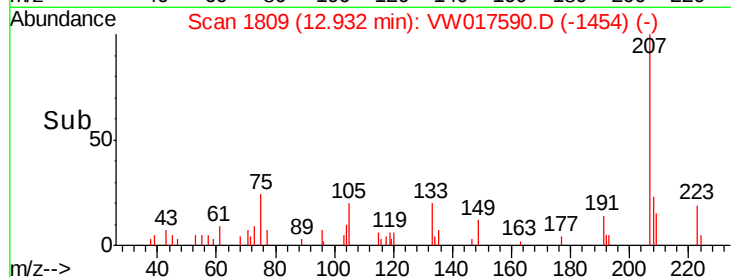
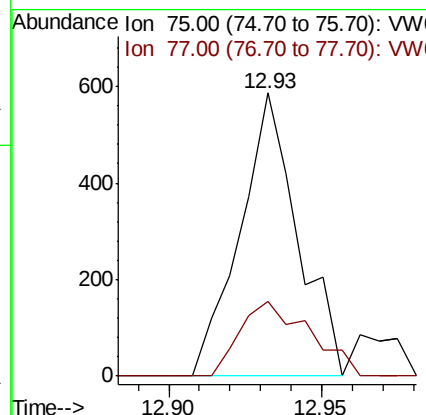
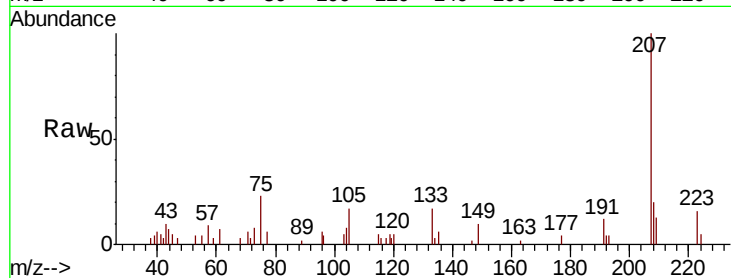




#59
 1,2,3-Trichloropropane
 Concen: 0.264 ug/L
 RT: 12.93 min Scan# 1809
 Delta R.T. 0.16 min
 Lab File: VW017590.D
 Acq: 08 Dec 2020 16:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 768
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.6 39.8



#67
 1,3,5-Trichlorobenzene
 Concen: 0.246 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VW017590.D
 Acq: 08 Dec 2020 16:38

Tgt Ion: 180 Resp: 1953
 Ion Ratio Lower Upper
 180 100
 182 93.2 77.0 115.6
 184 31.4 24.2 36.4
 145 35.8 23.5 35.3#

