

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017888.D
 Acq On : 14 Jan 2021 18:26
 Operator : SY/VA
 Sample : M1132-11
 Misc : 6.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:47:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	144336	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	133643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	57800	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55399	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.24%
7) Chloroethane-d5	2.89	69	45687	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.16%
10) 1,1-Dichloroethene-d2	4.01	63	76778	19.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.92%
20) 2-Butanone-d5	7.08	46	26691	73.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.48%#
24) Chloroform-d	7.65	84	100344	26.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	8.31	65	61485	31.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.00%
29) Benzene-d6	8.27	84	192149	25.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.08%
33) 1,2-Dichloropropane-d6	9.27	67	57471	27.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.80%
37) Toluene-d8	10.32	98	172563	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.58	79	21466	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.93	63	17472	67.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	47559	30.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	50836	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%

Target Compounds

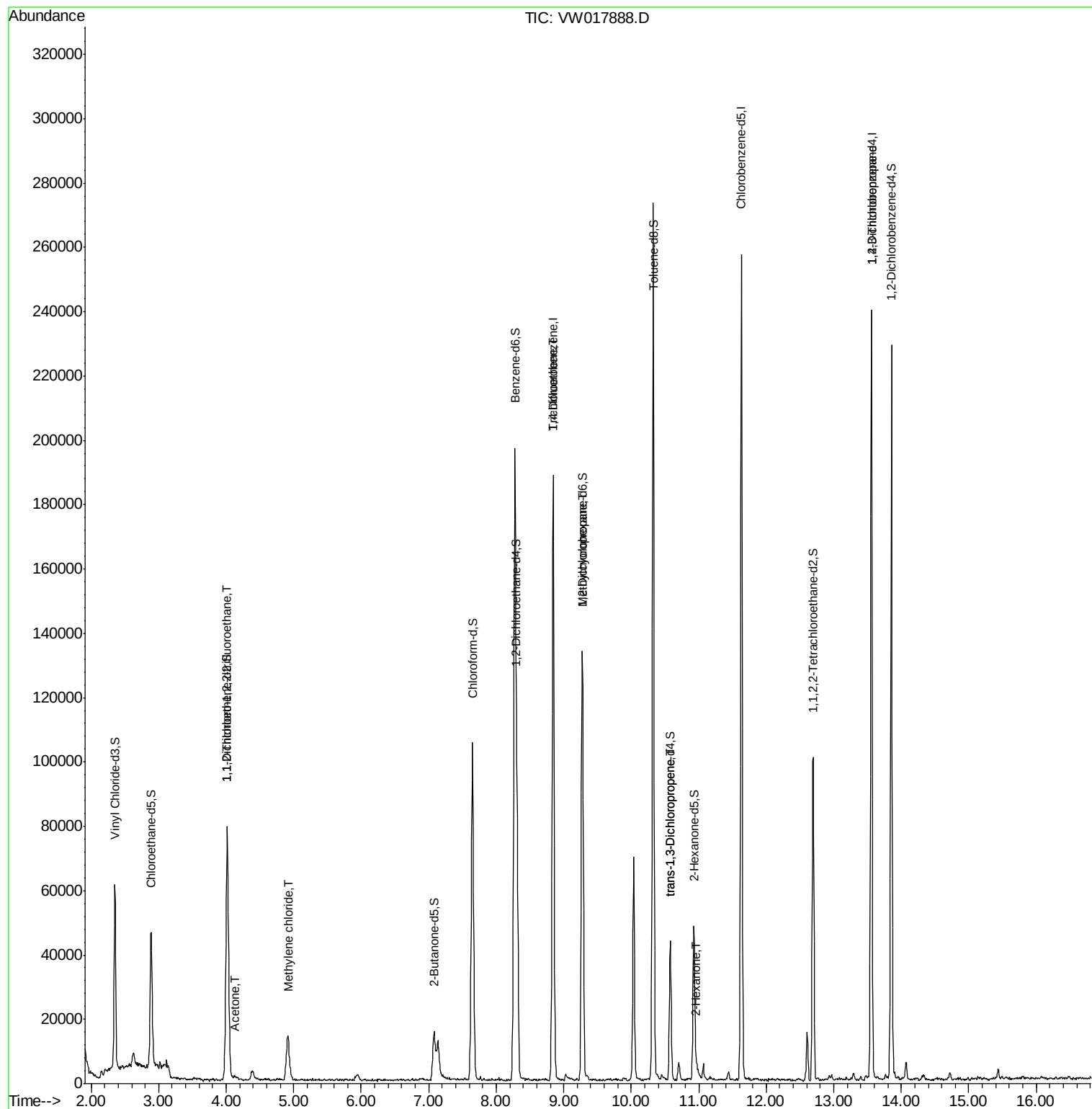
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	597	0.325	ug/L #	20
13) Acetone	4.13	43	2474	7.915	ug/L	68
16) Methylene chloride	4.91	84	5724	2.773	ug/L	98
35) Trichloroethene	8.85	95	5056	2.390	ug/L #	4
36) Methylcyclohexane	9.27	83	14335	3.877	ug/L #	20
45) trans-1,3-Dichloropropene	10.58	75	1393	0.568	ug/L #	34
49) 2-Hexanone	10.97	43	757	1.217	ug/L #	54
59) 1,2,3-Trichloropropane	13.55	75	9146	8.314	ug/L	94

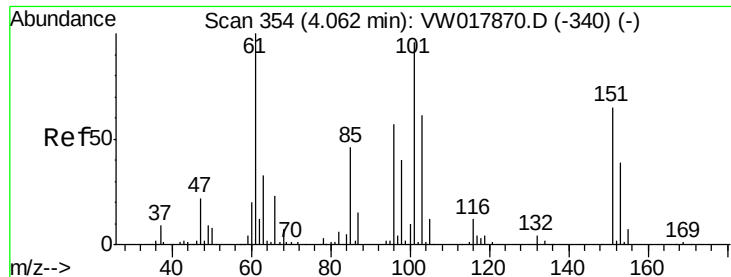
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

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

Concen: 0.325 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW017888.D

Acq: 14 Jan 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

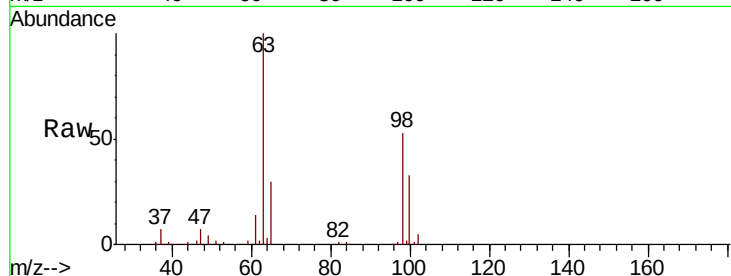
Tot Ion:101 Resp: 597

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

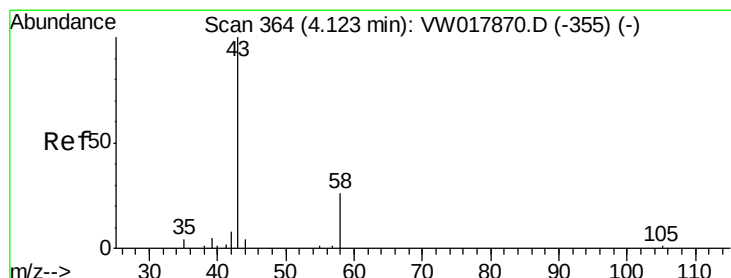
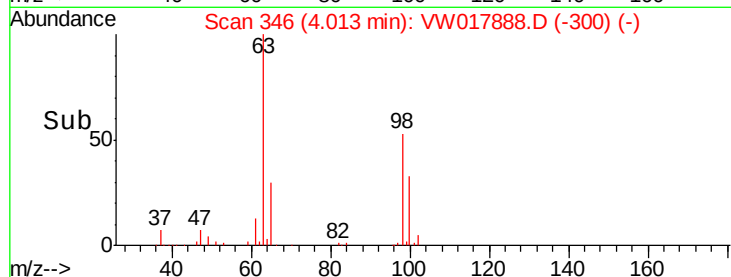
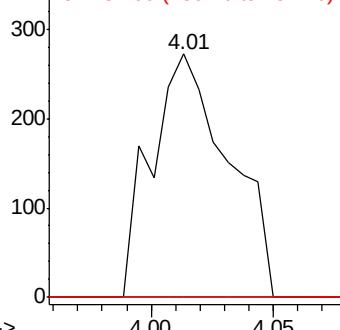
151 0.0 57.7 86.5#



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: 7.915 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017888.D

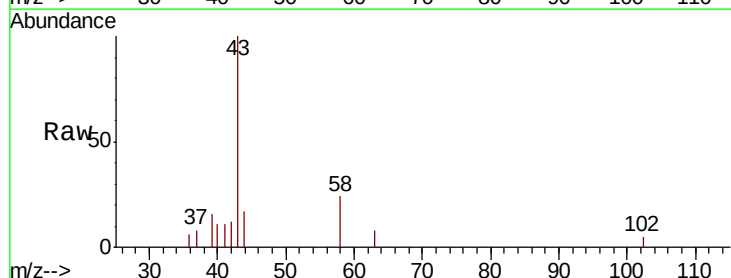
Acq: 14 Jan 2021 18:26

Tgt Ion: 43 Resp: 2474

Ion Ratio Lower Upper

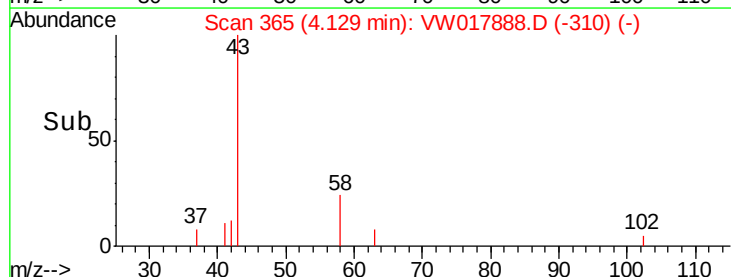
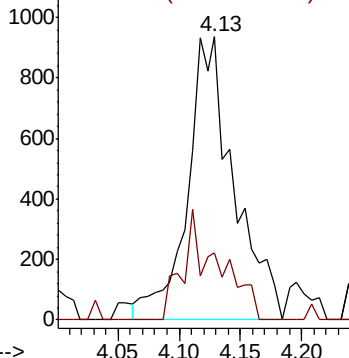
43 100

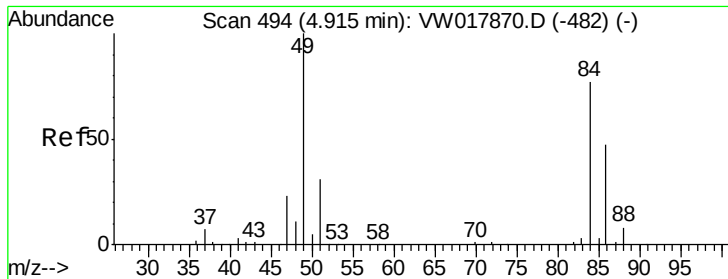
58 13.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

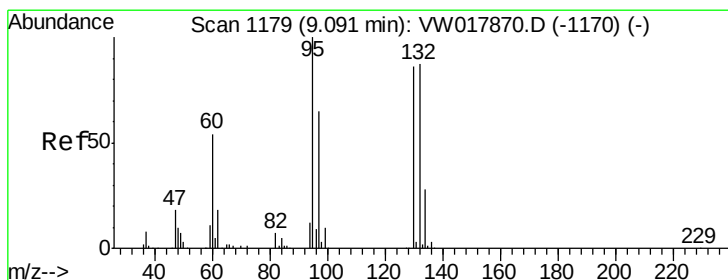
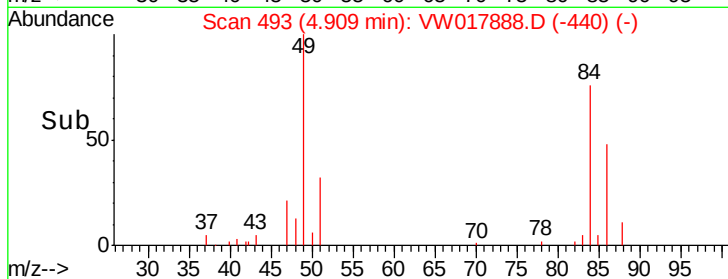
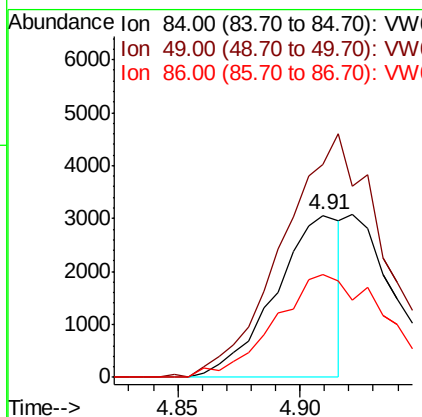
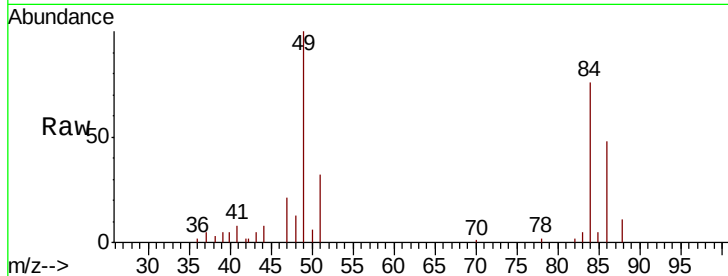




#16
Methylene chloride
Concen: 2.773 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW017888.D
Acq: 14 Jan 2021 18:26

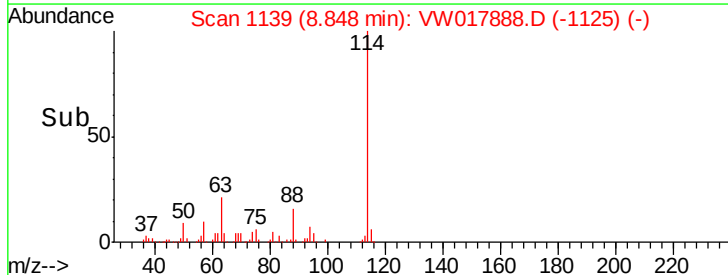
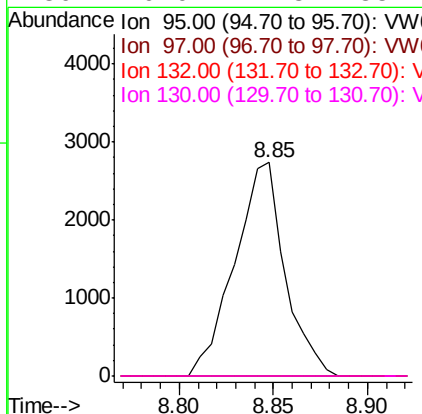
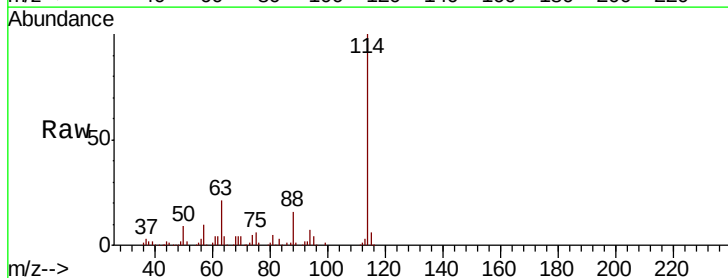
Instrument :
MSVOA_W
ClientSampleId :

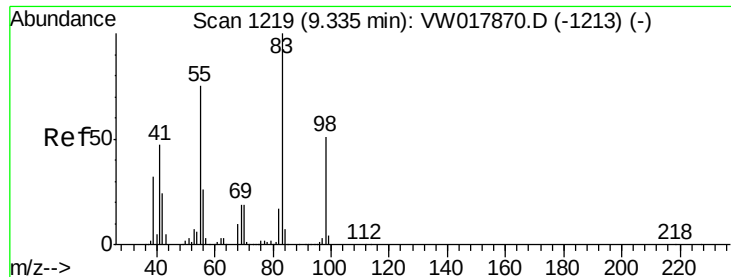
Tot Ion: 84 Resp: 5724
Ion Ratio Lower Upper
84 100
49 131.5 90.5 168.1
86 63.4 44.8 83.2



#35
Trichloroethene
Concen: 2.390 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017888.D
Acq: 14 Jan 2021 18:26

Tgt Ion: 95 Resp: 5056
Ion Ratio Lower Upper
95 100
97 0.0 46.8 87.0#
132 0.0 68.3 126.9#
130 0.0 71.8 133.4#

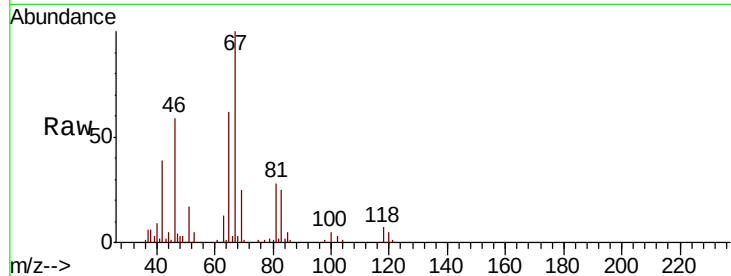




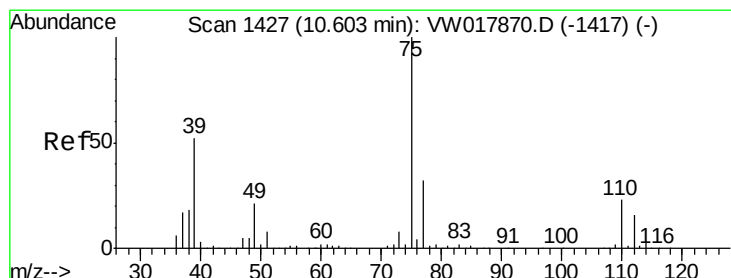
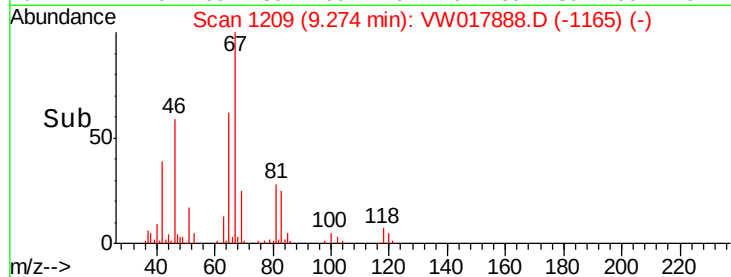
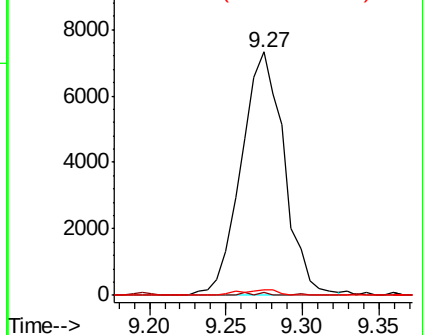
#36
Methylcyclohexane
Concen: 3.877 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017888.D
Acq: 14 Jan 2021 18:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 14335
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 1.2 39.7 59.5#

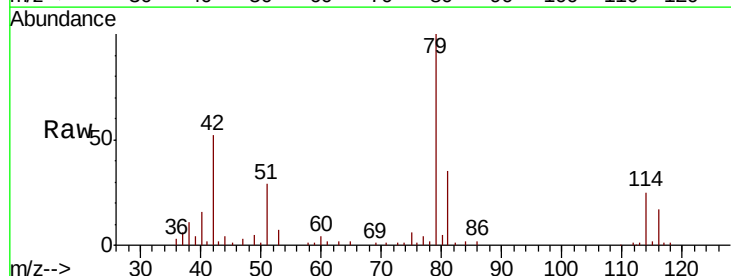


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

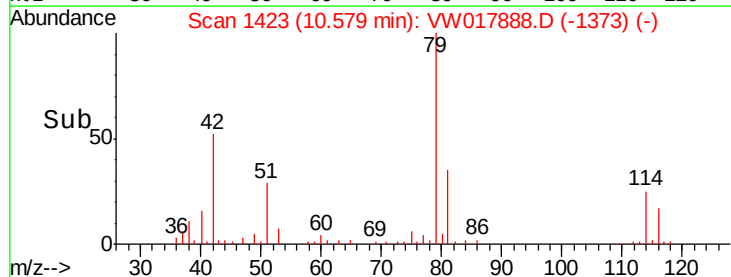
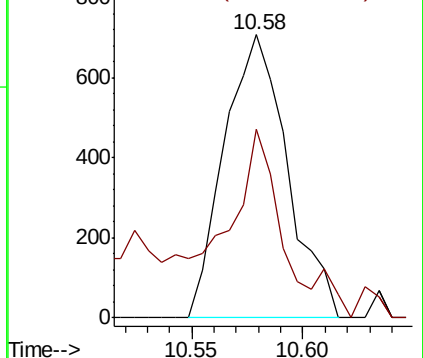


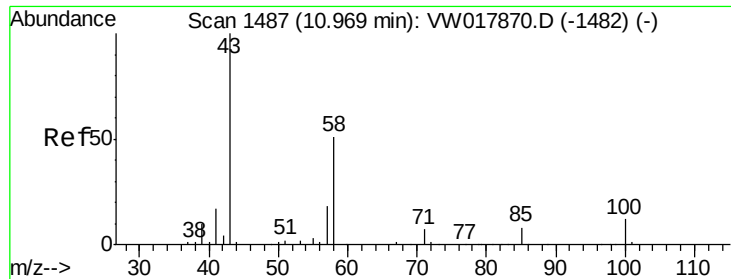
#45
trans-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017888.D
Acq: 14 Jan 2021 18:26

Tgt Ion: 75 Resp: 1393
Ion Ratio Lower Upper
75 100
77 66.8 21.6 40.0#



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





#49

2-Hexanone

Concen: 1.217 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017888.D

Acq: 14 Jan 2021 18:26

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 757

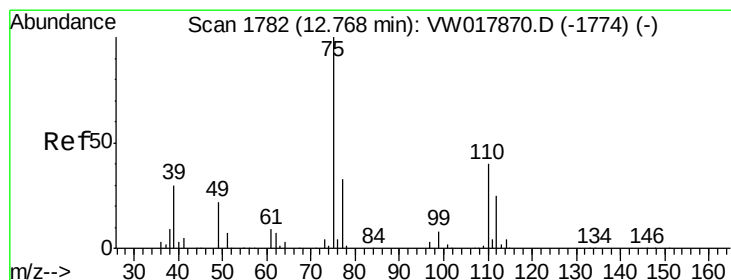
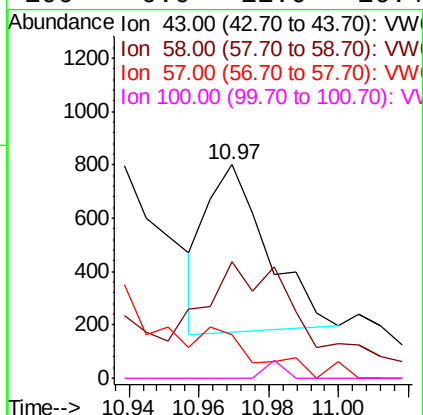
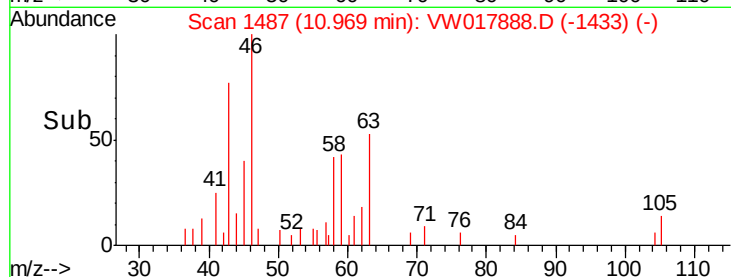
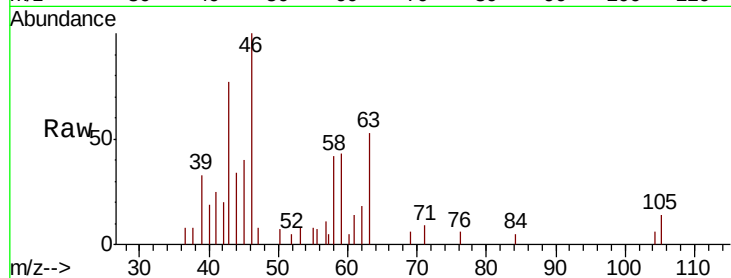
Ion Ratio Lower Upper

43 100

58 100.4 44.2 66.4#

57 15.9 16.1 24.1#

100 0.0 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 8.314 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017888.D

Acq: 14 Jan 2021 18:26

Tgt Ion: 75 Resp: 9146

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.0

