

Data File : VW017366.D
Acq On : 19 Nov 2020 13:02
Operator : SY/VA
Sample : L4749-19RE
Misc : 4.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B18RE

Quant Time: Nov 20 01:20:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305180	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	245054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78657	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122878	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
7) Chloroethane-d5	2.90	69	97302	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.44%
10) 1,1-Dichloroethene-d2	4.02	63	145929	18.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.84%
20) 2-Butanone-d5	7.09	46	27405	36.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.86%
24) Chloroform-d	7.65	84	200641	25.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	8.31	65	100262	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.52%
29) Benzene-d6	8.27	84	385306	27.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.56%
33) 1,2-Dichloropropane-d6	9.27	67	106011	28.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.20%
37) Toluene-d8	10.32	98	336373	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.44%
38) trans-1,3-Dichloropropene-	10.58	79	35132	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
39) 2-Hexanone-d5	10.93	63	19640	39.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67981	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	71868	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds

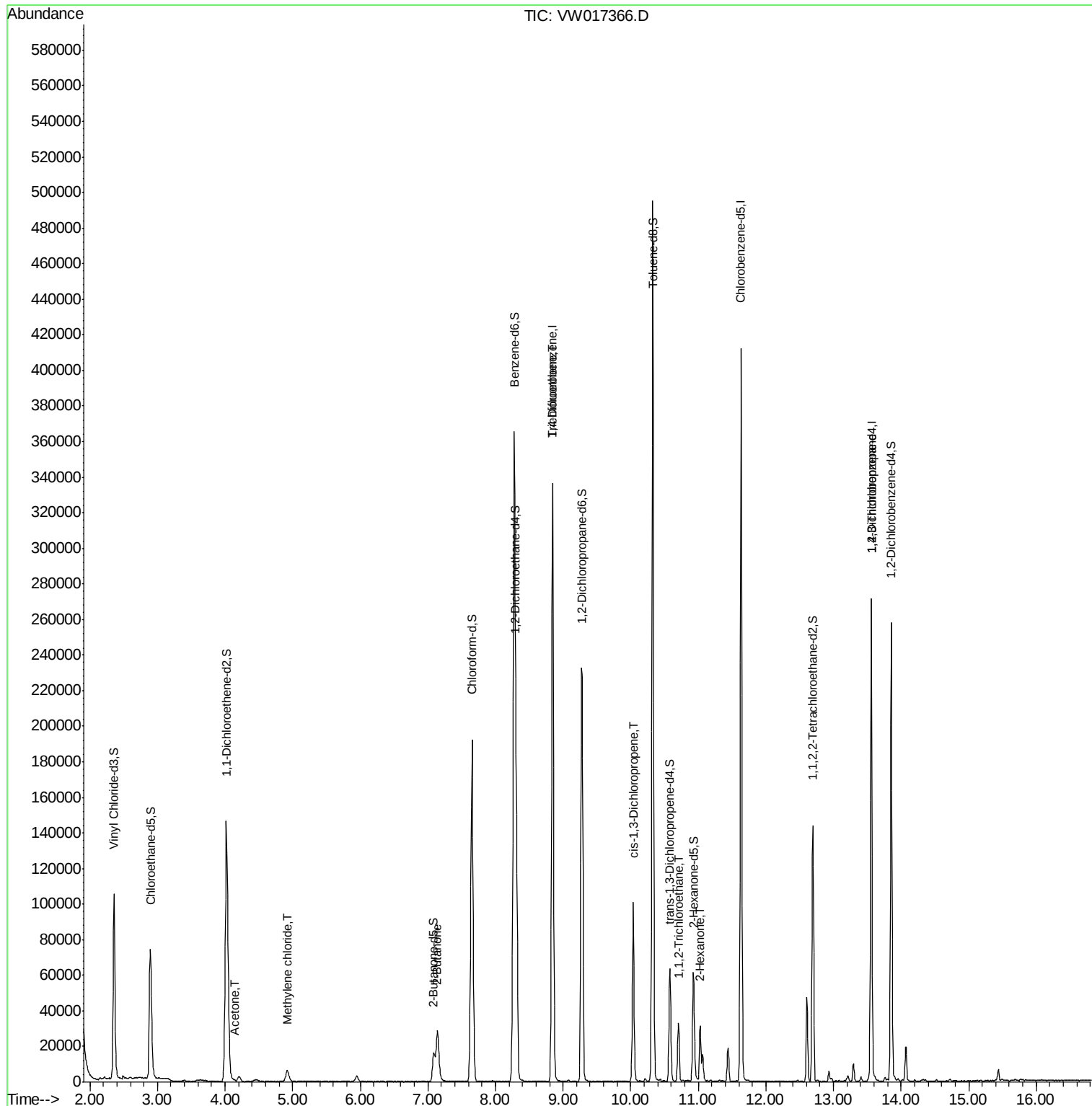
					Qvalue
13) Acetone	4.14	43	616	1.138 ug/L	82
16) Methylene chloride	4.92	84	5635	1.079 ug/L	97
21) 2-Butanone	7.14	43	2287	2.756 ug/L #	49
35) Trichloroethene	8.84	95	8687	2.218 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	2806	0.577 ug/L	88
46) 1,1,2-Trichloroethane	10.71	97	611	0.248 ug/L #	16
49) 2-Hexanone	11.02	43	783	0.837 ug/L #	41
59) 1,2,3-Trichloropropane	13.56	75	8261	4.281 ug/L	98

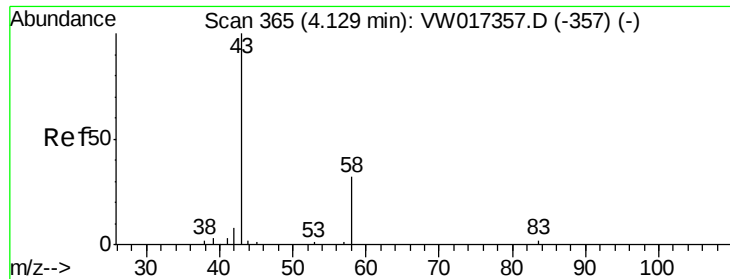
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.138 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

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Acq: 19 Nov 2020 13:02

Instrument :

MSVOA_W

ClientSampleId :

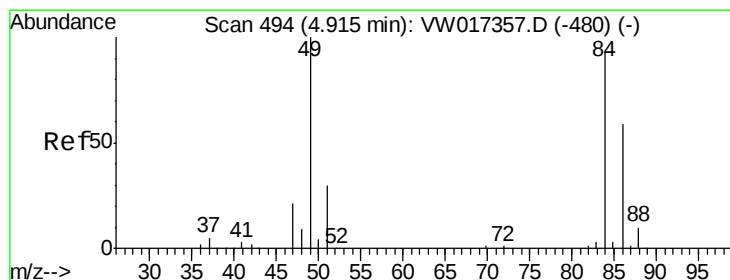
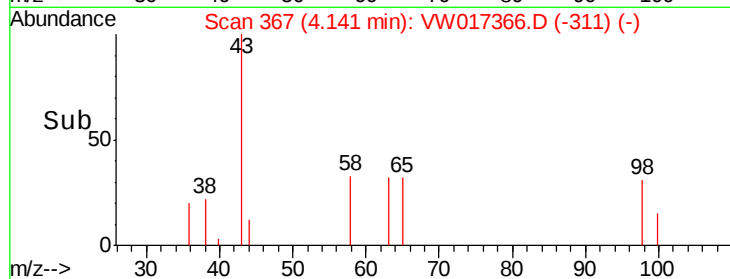
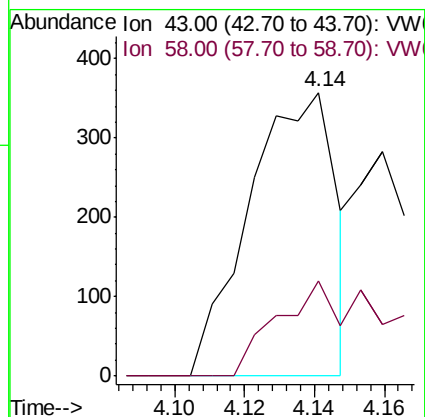
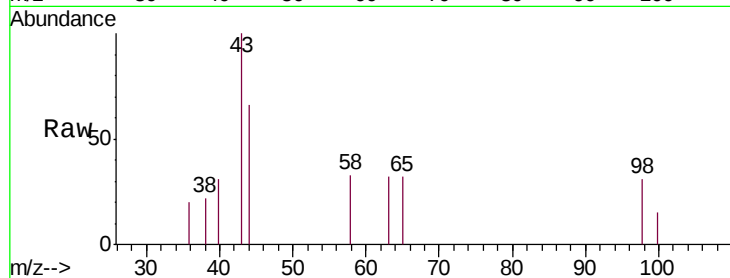
C0B18RE

Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

43 100

58 23.1 0.0 67.0



#16

Methylene chloride

Concen: 1.079 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017366.D

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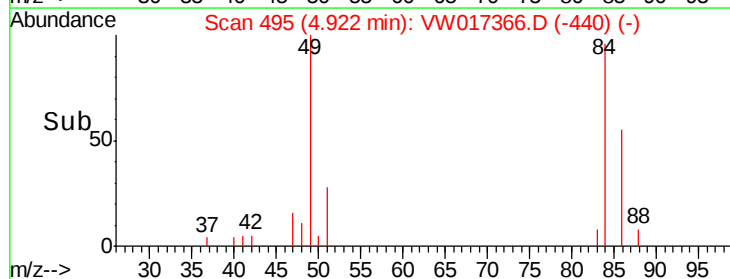
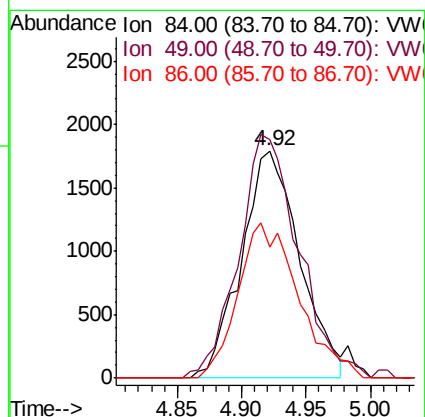
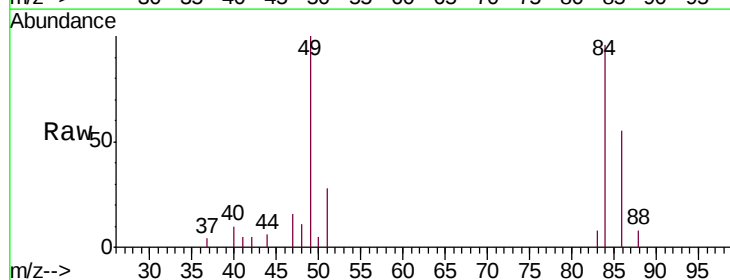
Tgt Ion: 84 Resp: 5635

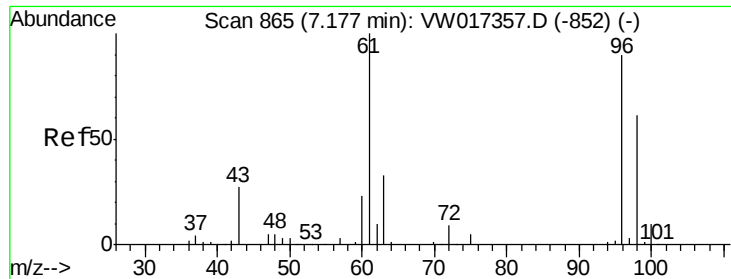
Ion Ratio Lower Upper

84 100

49 104.7 71.5 132.9

86 57.4 42.8 79.4





#21

2-Butanone

Concen: 2.756 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW017366.D

Acq: 19 Nov 2020 13:02

Instrument :

MSVOA_W

ClientSampleId :

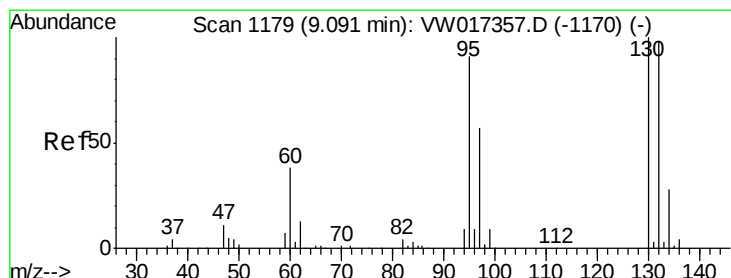
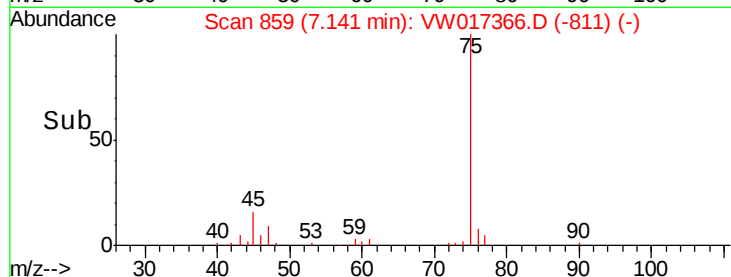
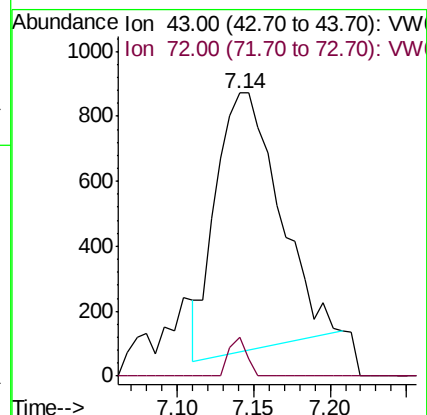
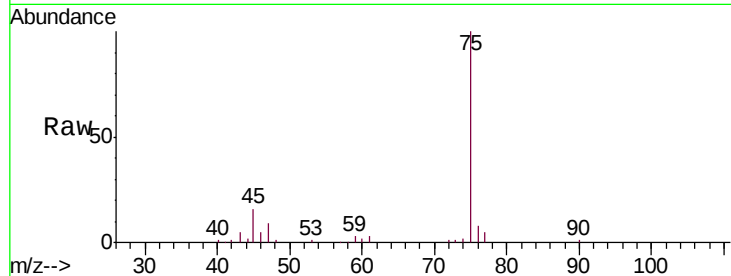
C0B18RE

Tgt Ion: 43 Resp: 2287

Ion Ratio Lower Upper

43 100

72 4.2 16.4 49.1#



#35

Trichloroethene

Concen: 2.218 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017366.D

Acq: 19 Nov 2020 13:02

Tgt Ion: 95 Resp: 8687

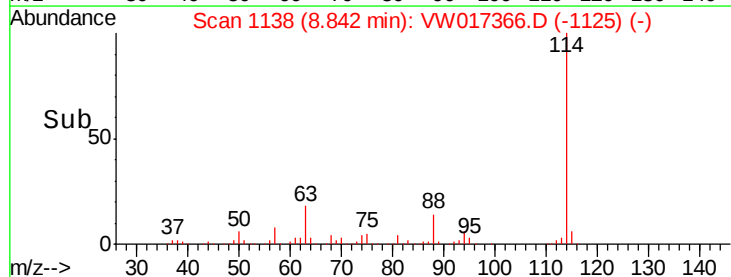
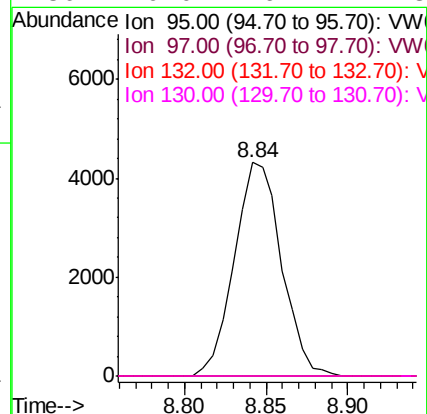
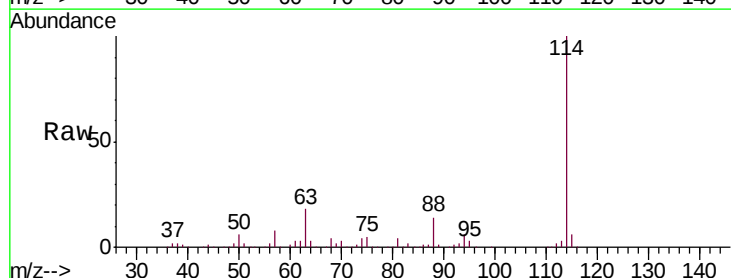
Ion Ratio Lower Upper

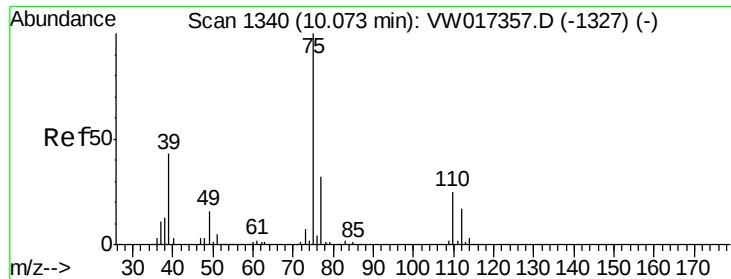
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#





#42

cis-1,3-Dichloropropene

Concen: 0.577 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017366.D

Acq: 19 Nov 2020 13:02

Instrument :

MSVOA_W

ClientSampleId :

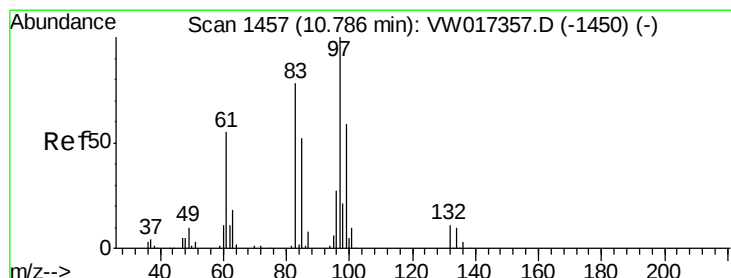
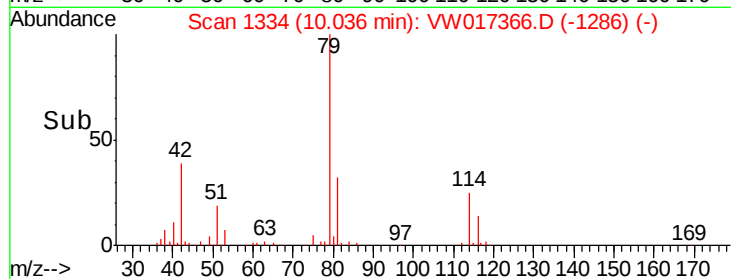
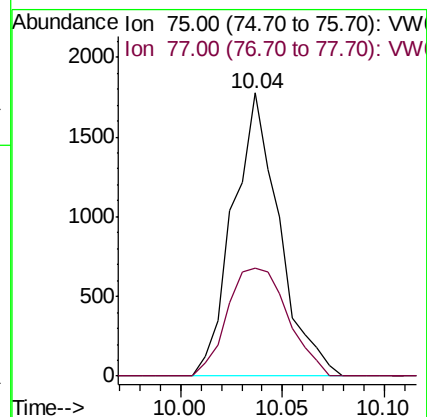
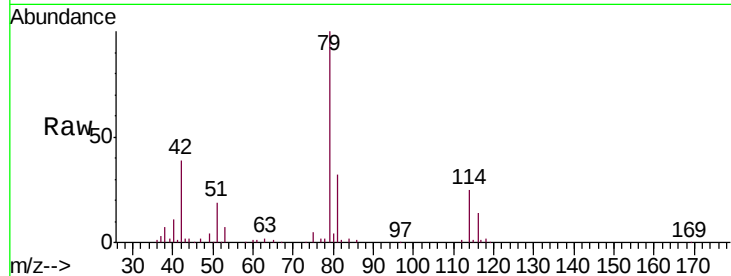
C0B18RE

Tgt Ion: 75 Resp: 2806

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.4



#46

1,1,2-Trichloroethane

Concen: 0.248 ug/L

RT: 10.71 min Scan# 1444

Delta R.T. -0.08 min

Lab File: VW017366.D

Acq: 19 Nov 2020 13:02

Tgt Ion: 97 Resp: 611

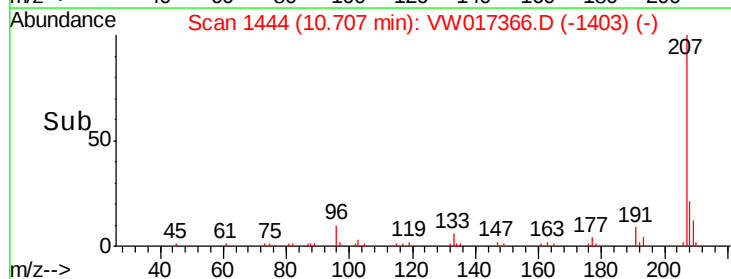
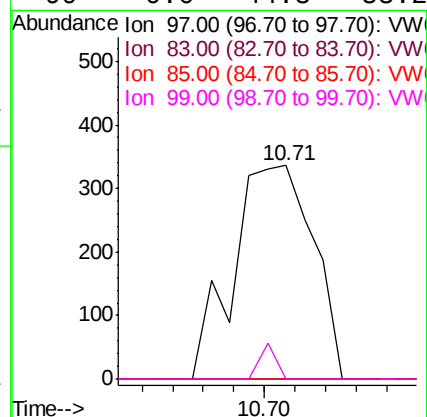
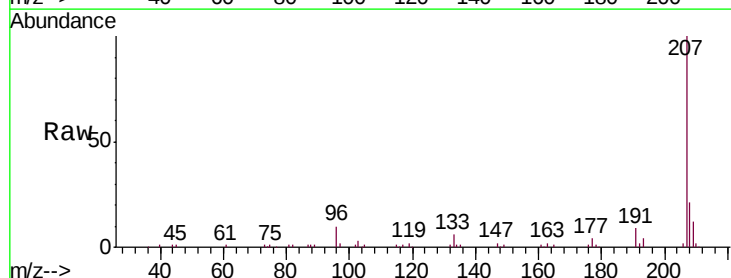
Ion Ratio Lower Upper

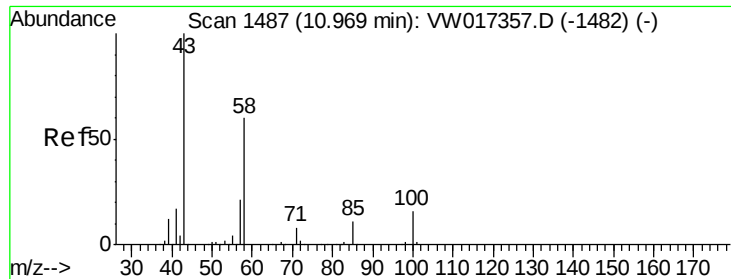
97 100

83 0.0 56.6 105.2#

85 0.0 37.7 69.9#

99 0.0 44.8 83.2#





#49

2-Hexanone

Concen: 0.837 ug/L

RT: 11.02 min Scan# 1496

Delta R.T. 0.05 min

Lab File: VW017366.D

Acq: 19 Nov 2020 13:02

Instrument :

MSVOA_W

ClientSampleId :

C0B18RE

Tgt Ion: 43 Resp: 783

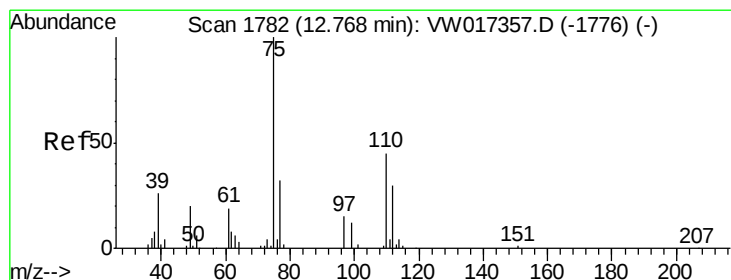
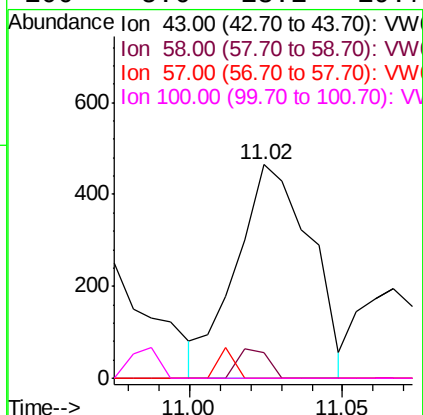
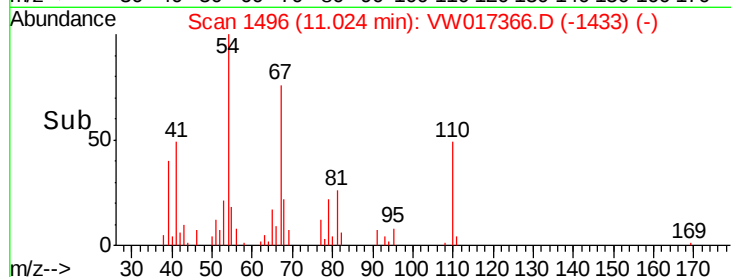
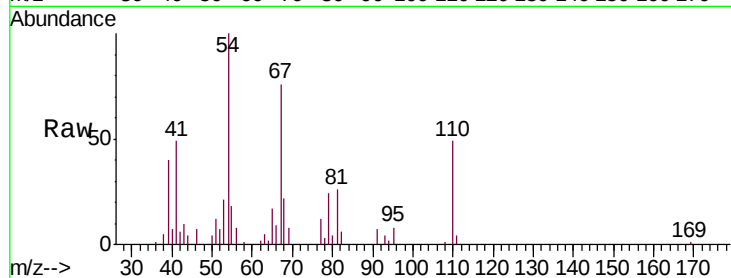
Ion Ratio Lower Upper

43 100

58 5.5 49.4 74.0#

57 0.0 17.0 25.4#

100 5.6 13.1 19.7#



#59

1,2,3-Trichloropropane

Concen: 4.281 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017366.D

Acq: 19 Nov 2020 13:02

Tgt Ion: 75 Resp: 8261

Ion Ratio Lower Upper

75 100

77 32.2 26.6 40.0

