

Data File : VW017364.D
Acq On : 19 Nov 2020 12:15
Operator : SY/VA
Sample : L4749-17RE
Misc : 4.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B16RE

Quant Time: Nov 20 01:20:06 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	350784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275907	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82501	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120240	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
7) Chloroethane-d5	2.89	69	96244	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
10) 1,1-Dichloroethene-d2	4.02	63	149164	16.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.68%
20) 2-Butanone-d5	7.08	46	29009	34.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.02%
24) Chloroform-d	7.65	84	204119	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	8.31	65	102951	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.48%
29) Benzene-d6	8.28	84	394911	25.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.56%
33) 1,2-Dichloropropane-d6	9.27	67	108907	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.12%
37) Toluene-d8	10.33	98	337769	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.28%
38) trans-1,3-Dichloropropene-	10.58	79	37834	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.88%
39) 2-Hexanone-d5	10.93	63	22264	40.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71202	22.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	68512	22.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.00%

Target Compounds

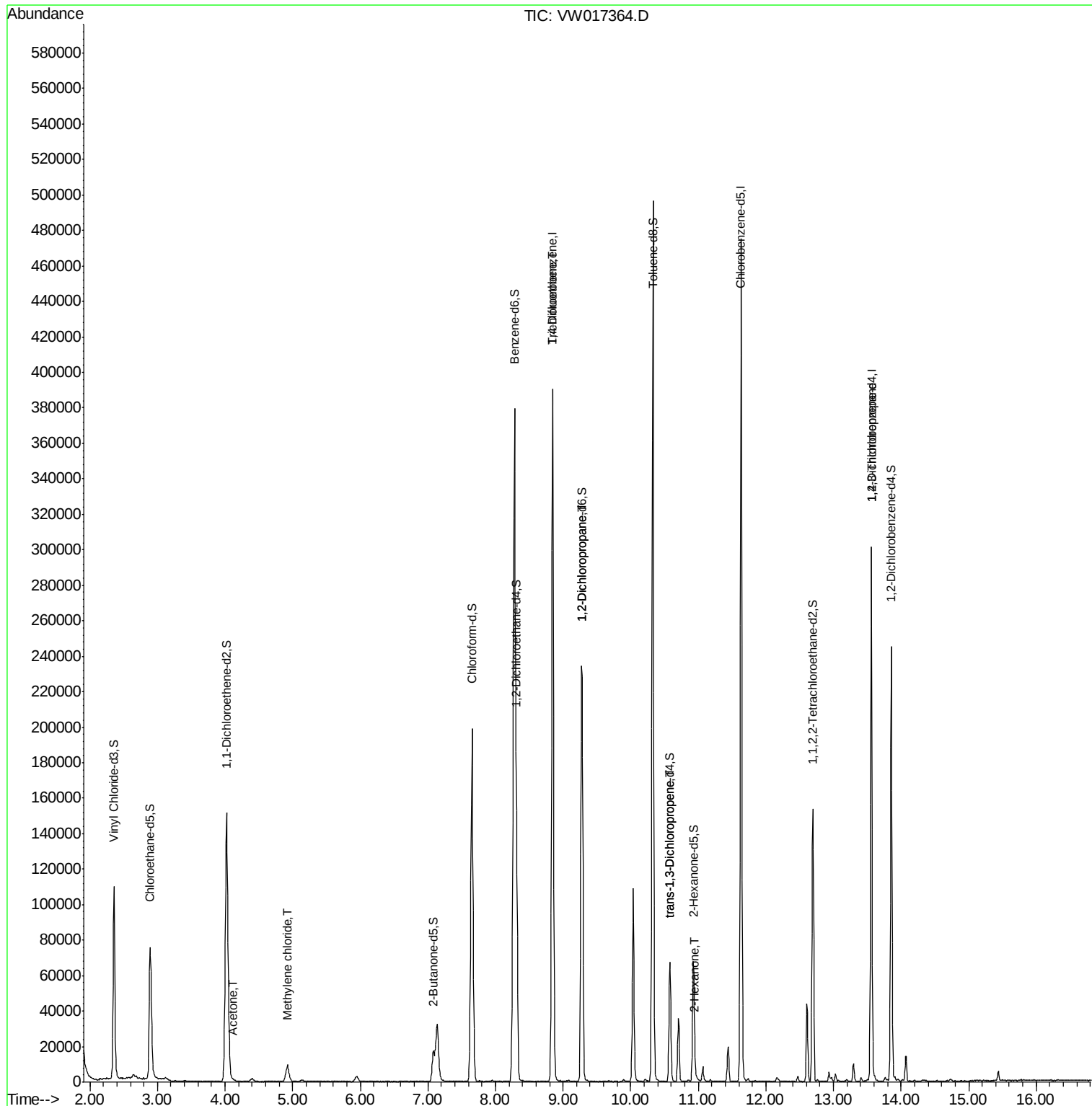
					Qvalue
13) Acetone	4.12	43	1220	1.961 ug/L	66
16) Methylene chloride	4.92	84	7516	1.253 ug/L	82
35) Trichloroethene	8.85	95	10327	2.342 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12606	3.576 ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	1839	0.397 ug/L #	78
49) 2-Hexanone	10.96	43	1881	1.786 ug/L #	38
59) 1,2,3-Trichloropropane	13.56	75	8620	3.968 ug/L	100

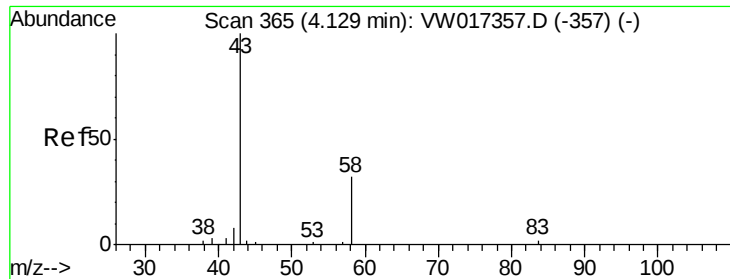
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.961 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 19 Nov 2020 12:15

Instrument :

MSVOA_W

ClientSampleId :

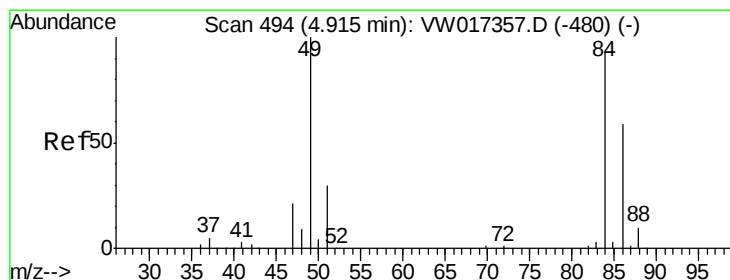
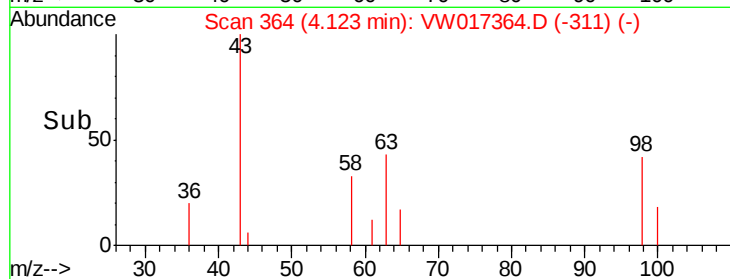
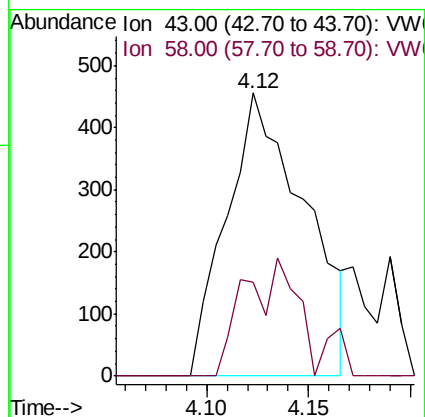
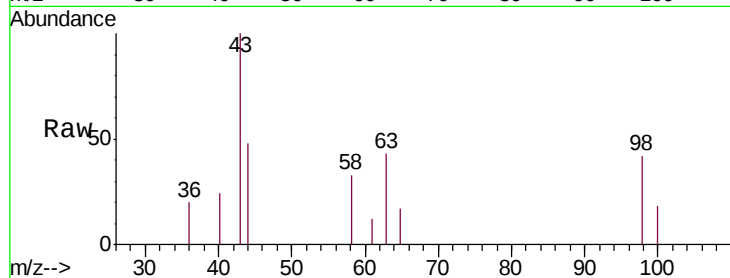
C0B16RE

Tgt Ion: 43 Resp: 1220

Ion Ratio Lower Upper

43 100

58 14.0 0.0 67.0



#16

Methylene chloride

Concen: 1.253 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017364.D

Acq: 19 Nov 2020 12:15

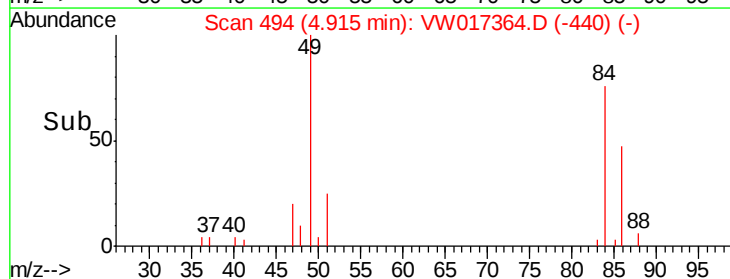
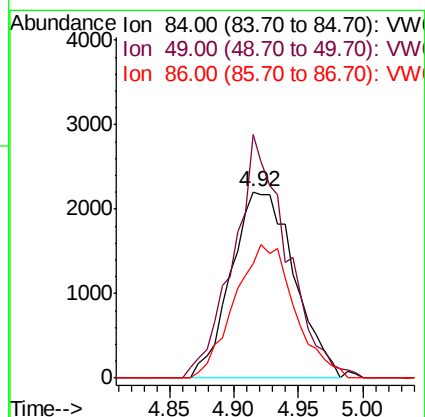
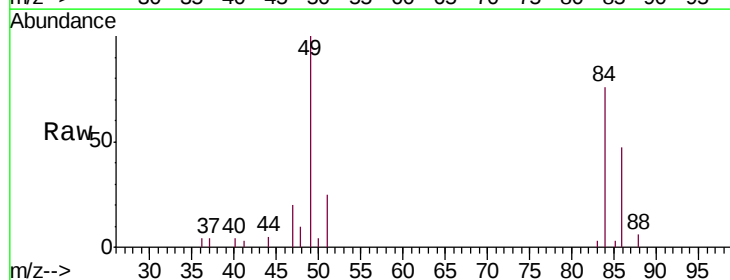
Tgt Ion: 84 Resp: 7516

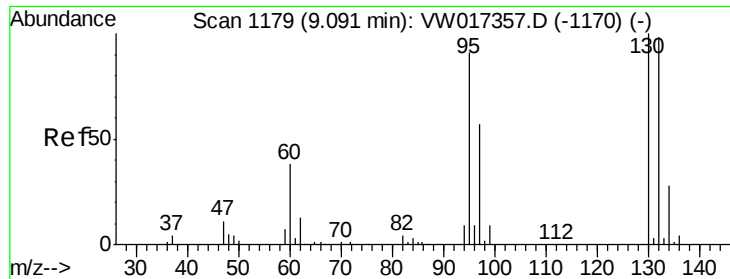
Ion Ratio Lower Upper

84 100

49 130.8 71.5 132.9

86 61.7 42.8 79.4





#35

Trichloroethene

Concen: 2.342 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 19 Nov 2020 12:15

Instrument :

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ClientSampleId :

C0B16RE

Tgt Ion: 95 Resp: 10327

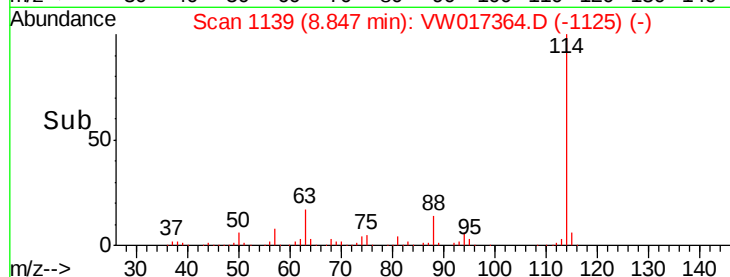
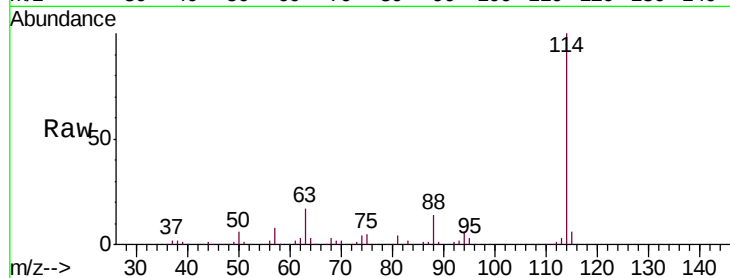
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.4 76.1 141.3#

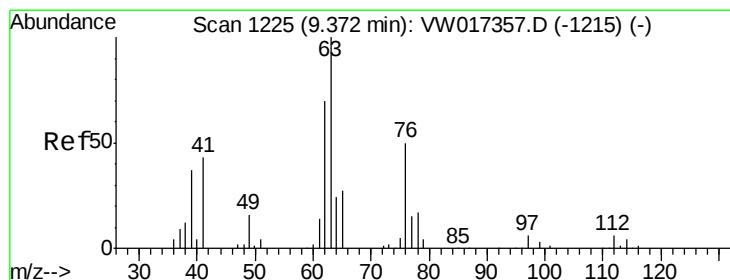
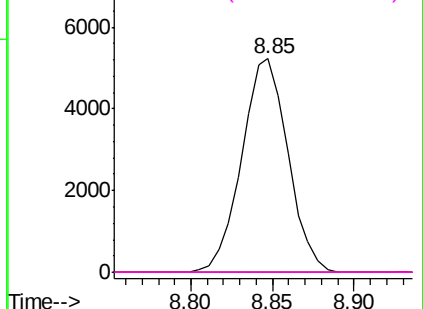


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.576 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017364.D

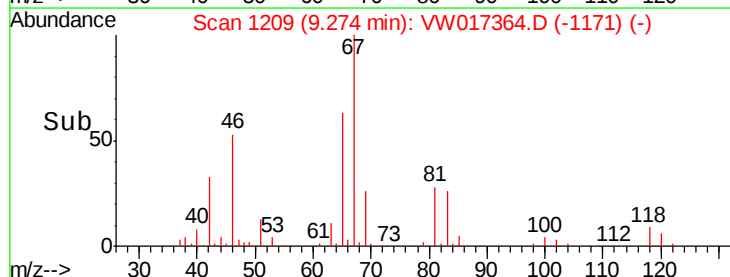
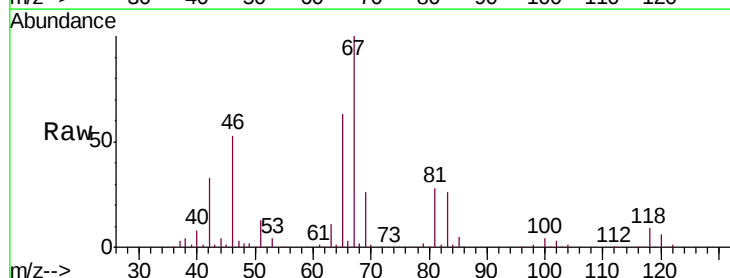
Acq: 19 Nov 2020 12:15

Tgt Ion: 63 Resp: 12606

Ion Ratio Lower Upper

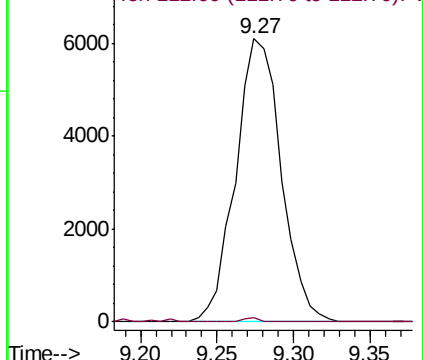
63 100

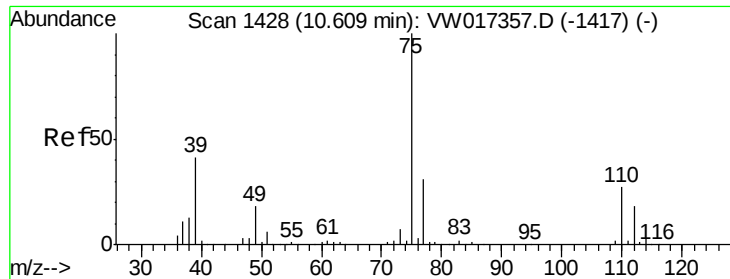
112 0.4 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.397 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017364.D

Acq: 19 Nov 2020 12:15

Instrument :

MSVOA_W

ClientSampleId :

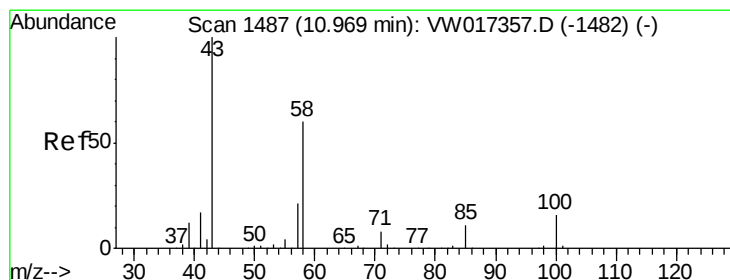
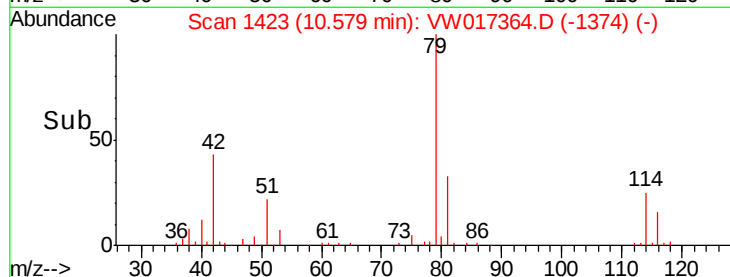
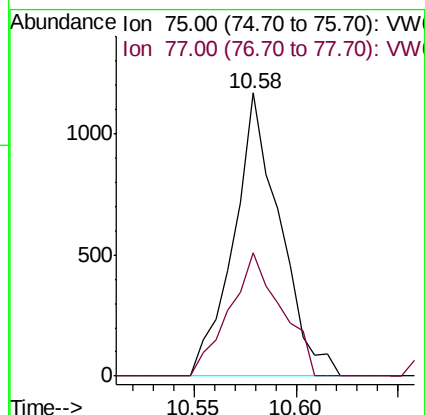
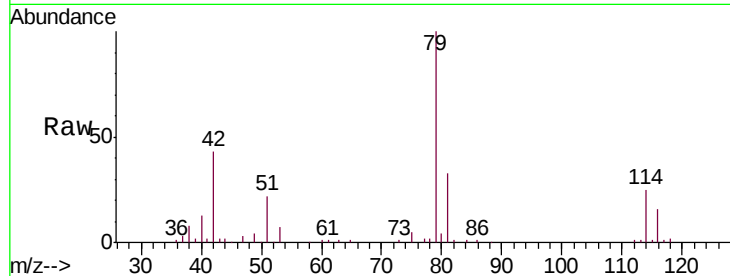
C0B16RE

Tgt Ion: 75 Resp: 1839

Ion Ratio Lower Upper

75 100

77 43.4 22.0 40.8#



#49

2-Hexanone

Concen: 1.786 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017364.D

Acq: 19 Nov 2020 12:15

Tgt Ion: 43 Resp: 1881

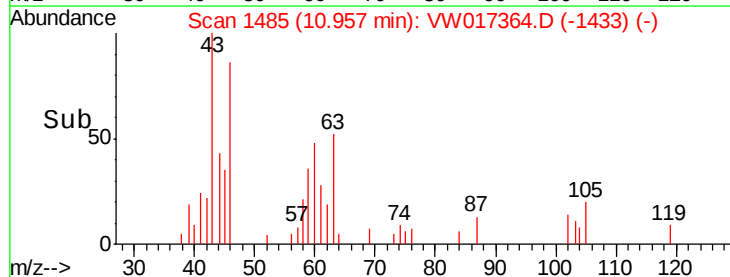
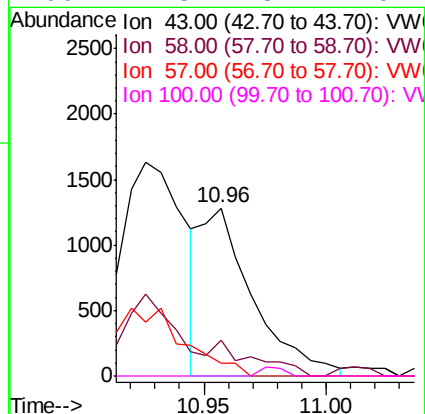
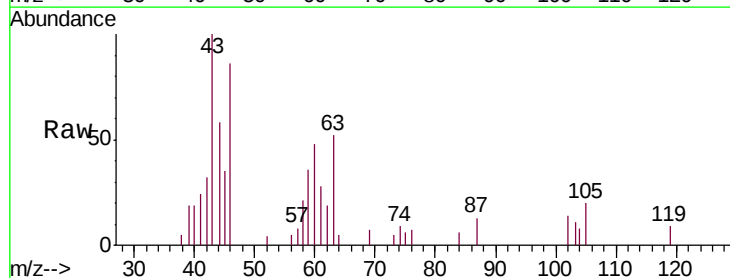
Ion Ratio Lower Upper

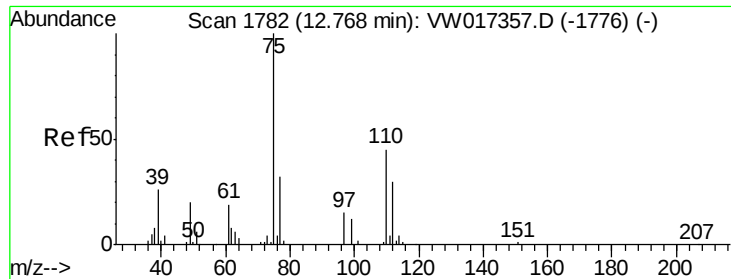
43 100

58 3.5 49.4 74.0#

57 0.0 17.0 25.4#

100 2.5 13.1 19.7#





#59

1,2,3-Trichloropropane

Concen: 3.968 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017364.D

Acq: 19 Nov 2020 12:15

Instrument :

MSVOA_W

ClientSampleId :

C0B16RE

Tgt Ion: 75 Resp: 8620

Ion Ratio Lower Upper

75 100

77 33.5 26.6 40.0

