

Data File : VW017417.D
Acq On : 20 Nov 2020 15:12
Operator : SY/VA
Sample : L4819-08
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B02

Quant Time: Nov 21 00:33:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361100	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329332	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148366	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117891	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
7) Chloroethane-d5	2.89	69	96714	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
10) 1,1-Dichloroethene-d2	4.02	63	150053	16.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.20%
20) 2-Butanone-d5	7.08	46	32308	36.80	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.60%
24) Chloroform-d	7.65	84	215847	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	8.31	65	105330	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	8.27	84	415409	22.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.52%
33) 1,2-Dichloropropane-d6	9.27	67	114594	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.68%
37) Toluene-d8	10.32	98	394536	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.28%
38) trans-1,3-Dichloropropene-	10.58	79	43890	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.52%
39) 2-Hexanone-d5	10.93	63	25016	37.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82997	22.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	134483	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

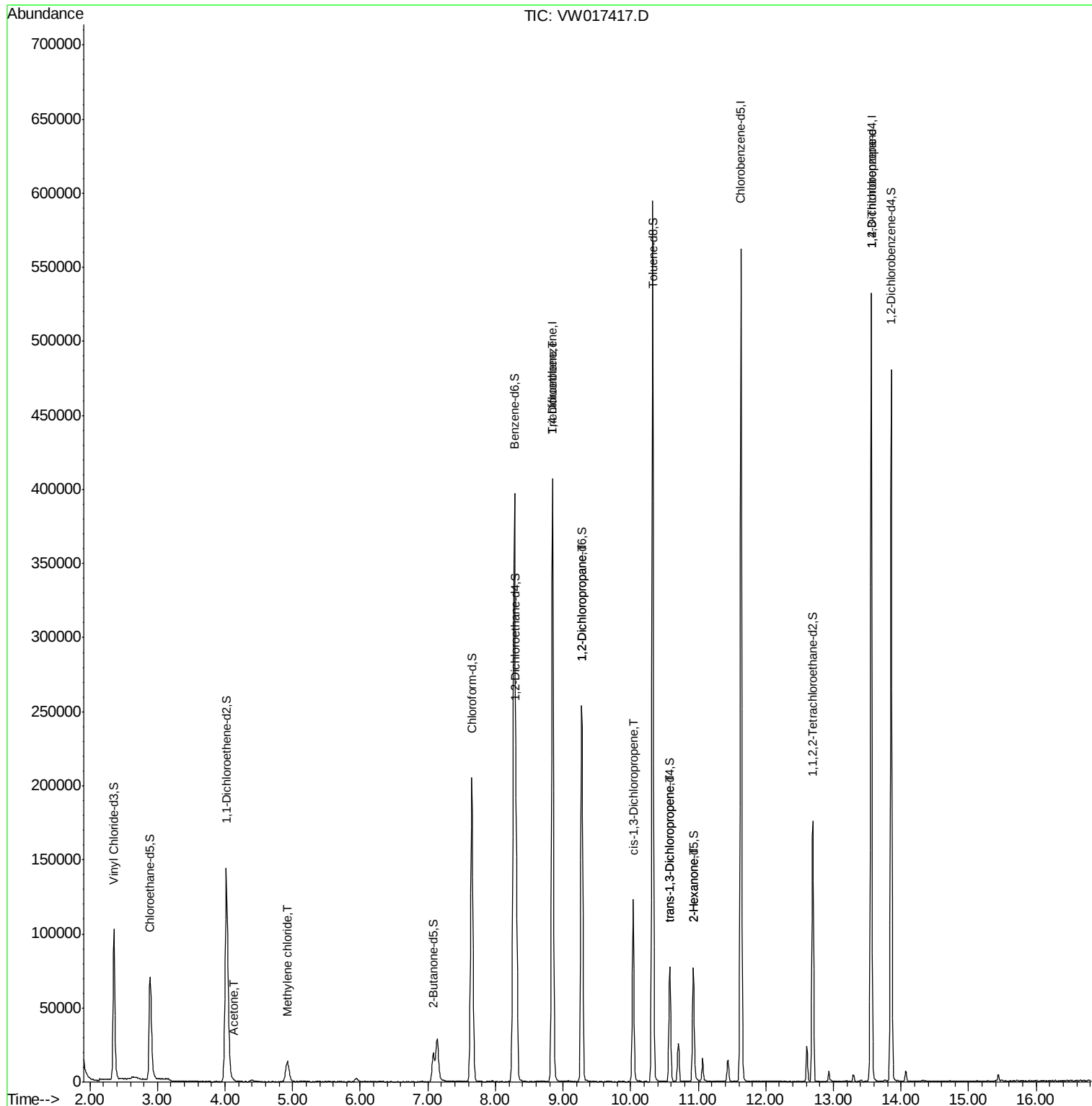
					Qvalue
13) Acetone	4.14	43	568	0.887 ug/L	83
16) Methylene chloride	4.92	84	13191	2.136 ug/L	96
35) Trichloroethene	8.84	95	10623	2.019 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13426	3.190 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3630	0.556 ug/L #	82
45) trans-1,3-Dichloropropene	10.59	75	2084	0.377 ug/L #	72
49) 2-Hexanone	10.93	43	3930	3.126 ug/L #	59
59) 1,2,3-Trichloropropane	13.56	75	15725	6.064 ug/L	98

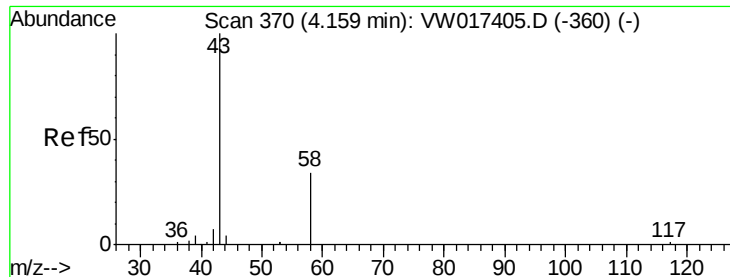
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.887 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW017417.D

Acq: 20 Nov 2020 15:12

Instrument :

MSVOA_W

ClientSampled :

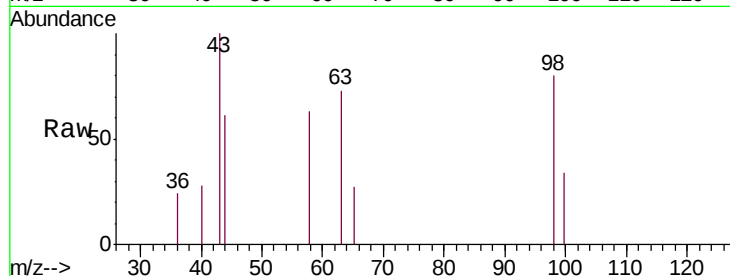
C0B02

Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

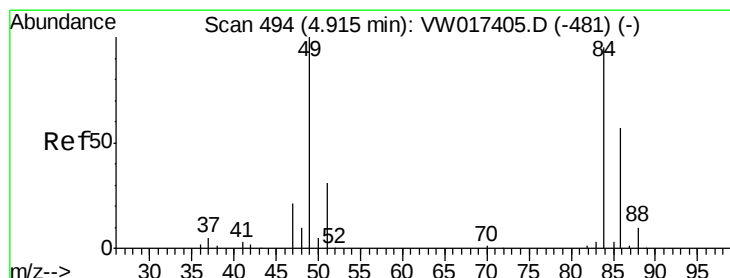
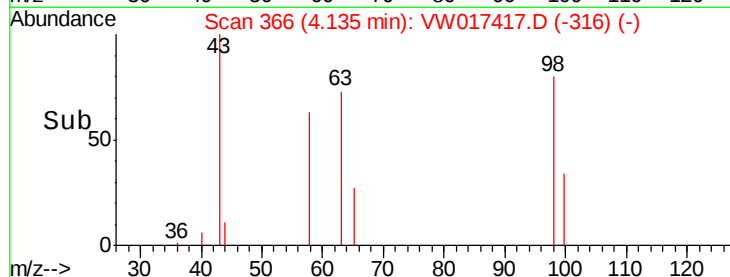
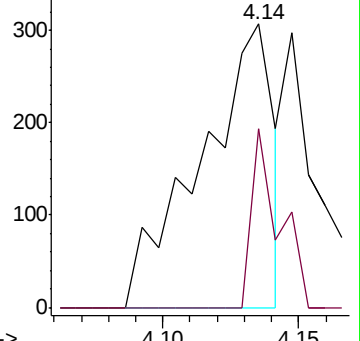
43 100

58 23.8 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.136 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017417.D

Acq: 20 Nov 2020 15:12

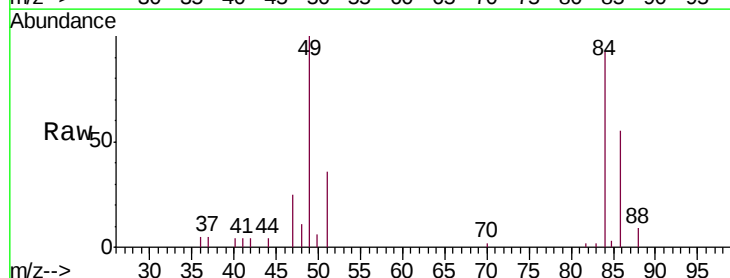
Tgt Ion: 84 Resp: 13191

Ion Ratio Lower Upper

84 100

49 107.1 71.5 132.9

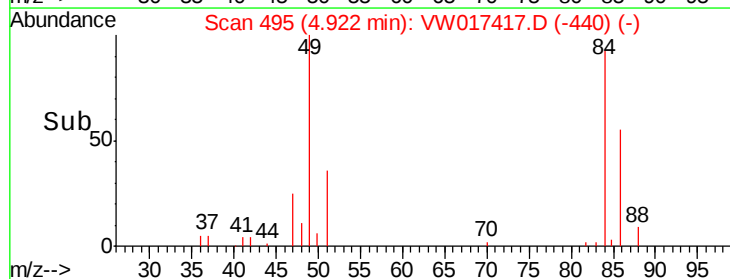
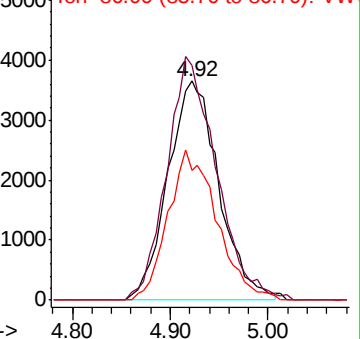
86 59.2 42.8 79.4

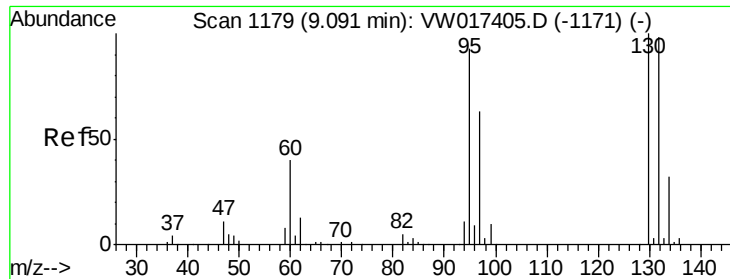


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.019 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 20 Nov 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

C0B02

Tgt Ion: 95 Resp: 10623

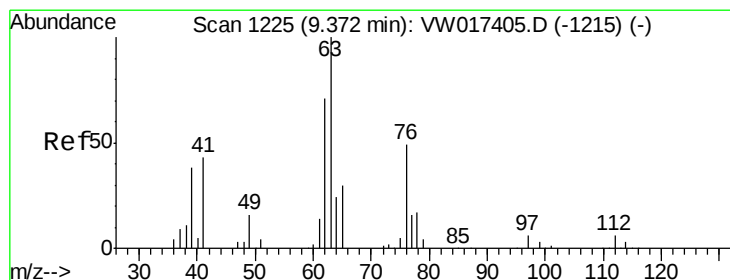
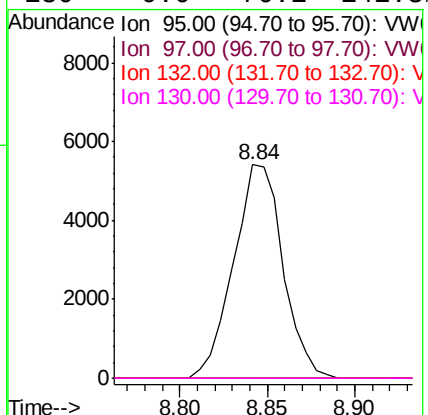
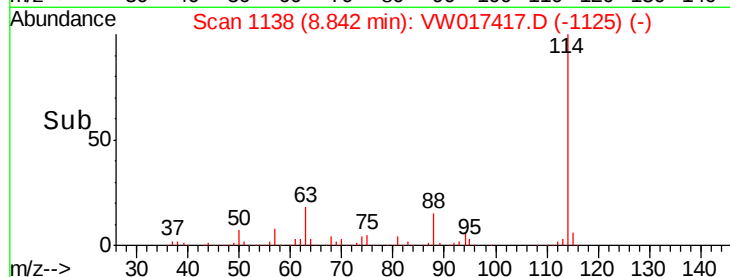
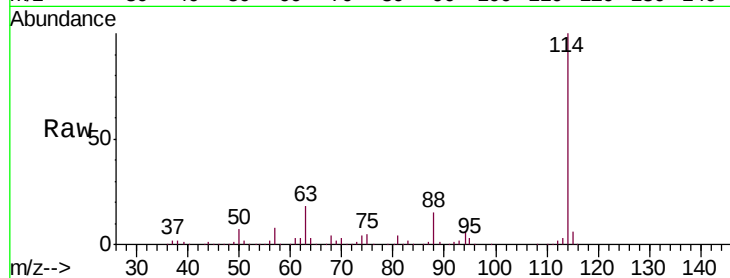
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#



#40

1,2-Dichloropropane

Concen: 3.190 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017417.D

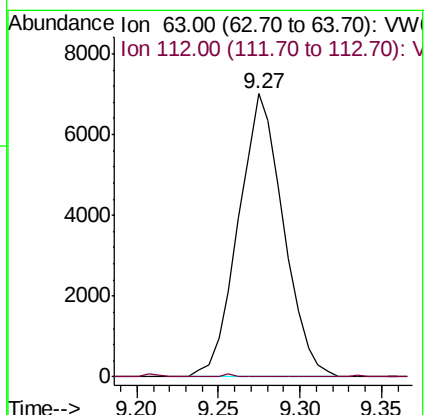
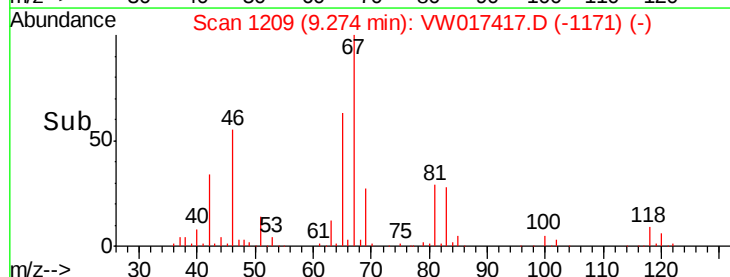
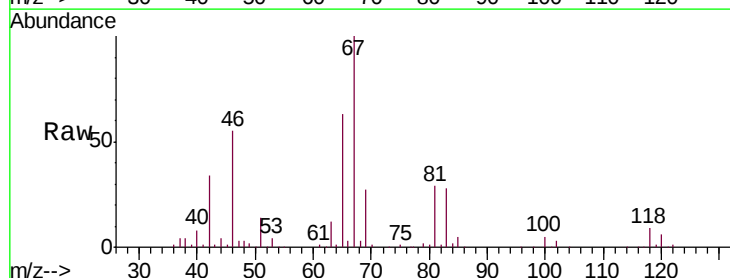
Acq: 20 Nov 2020 15:12

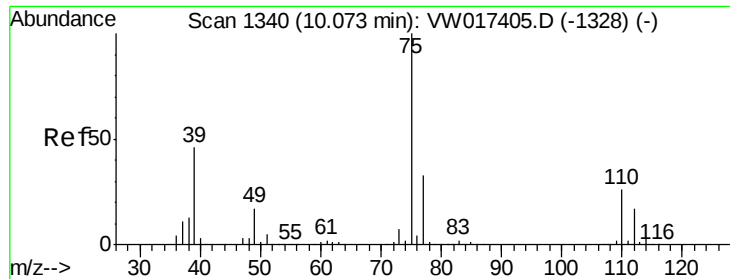
Tgt Ion: 63 Resp: 13426

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.4#





#42

cis-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017417.D

Acq: 20 Nov 2020 15:12

Instrument :

MSVOA_W

ClientSampled :

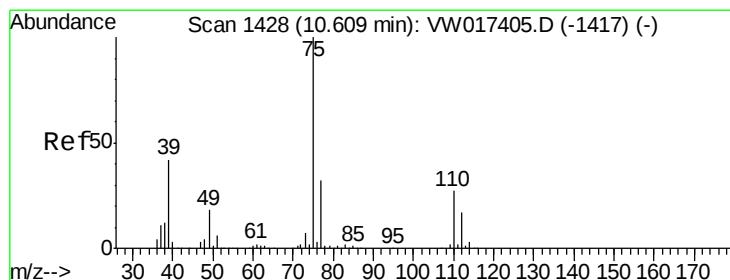
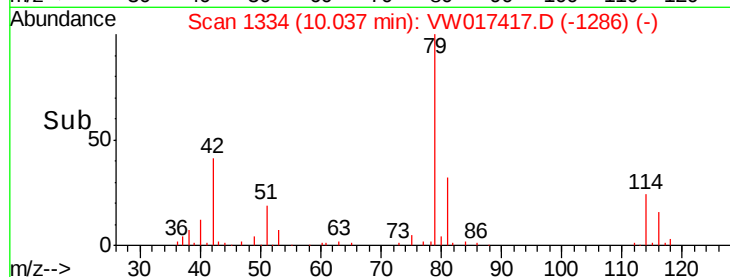
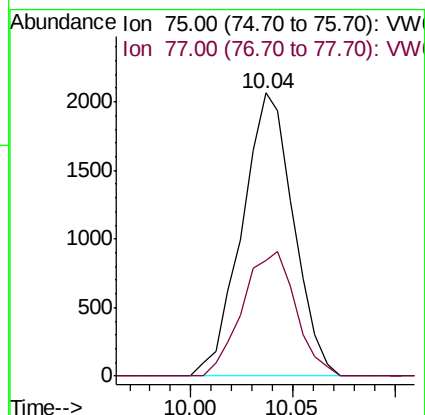
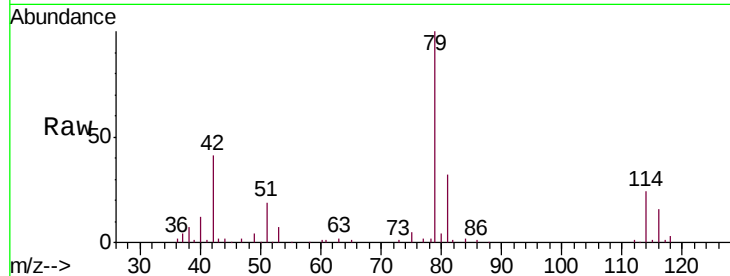
C0B02

Tgt Ion: 75 Resp: 3630

Ion Ratio Lower Upper

75 100

77 40.7 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.377 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017417.D

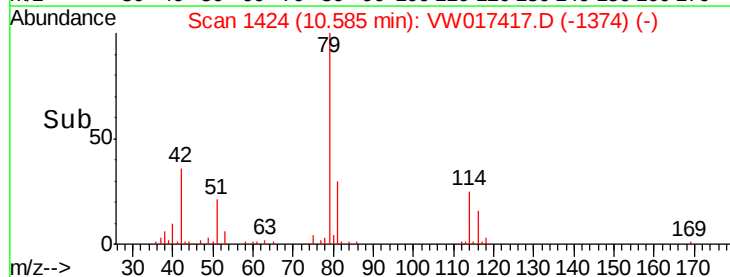
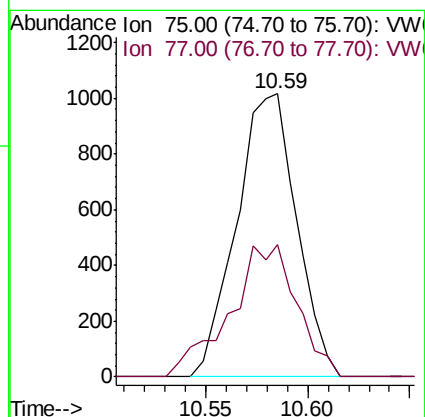
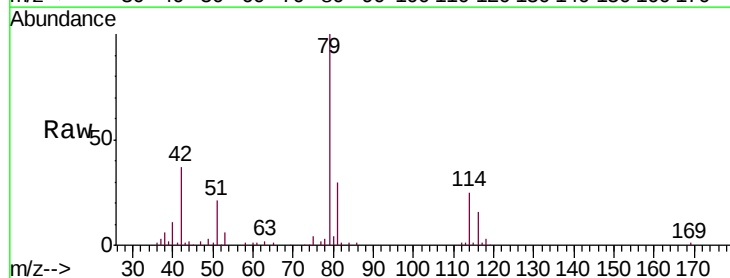
Acq: 20 Nov 2020 15:12

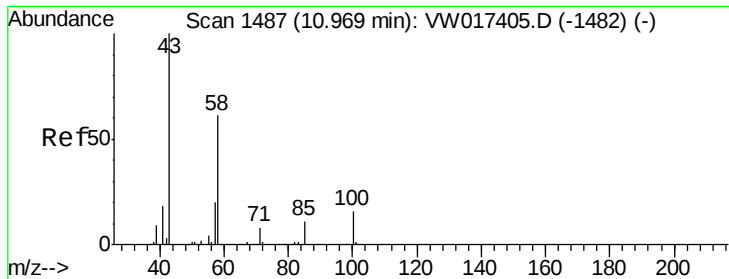
Tgt Ion: 75 Resp: 2084

Ion Ratio Lower Upper

75 100

77 46.9 22.0 40.8#





#49

2-Hexanone

Concen: 3.126 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017417.D

Acq: 20 Nov 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

C0B02

Tgt Ion: 43 Resp: 3930

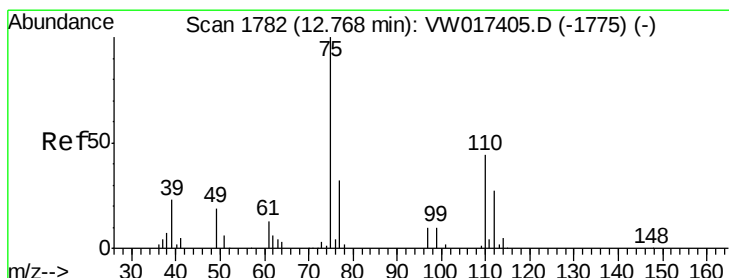
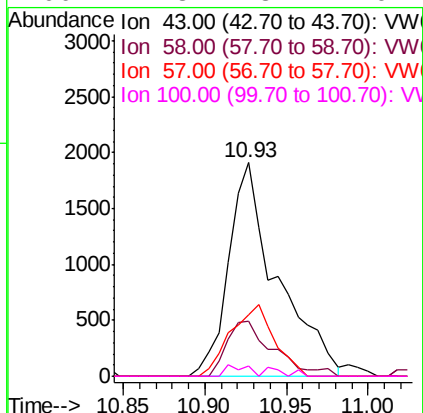
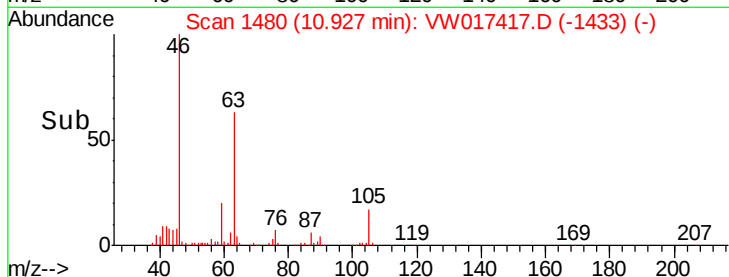
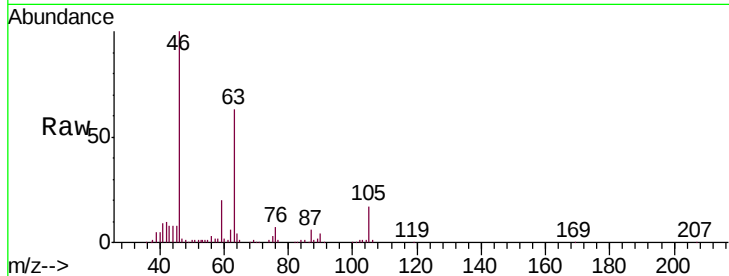
Ion Ratio Lower Upper

43 100

58 23.7 49.4 74.0#

57 30.3 17.0 25.4#

100 1.3 13.1 19.7#



#59

1,2,3-Trichloropropane

Concen: 6.064 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017417.D

Acq: 20 Nov 2020 15:12

Tgt Ion: 75 Resp: 15725

Ion Ratio Lower Upper

75 100

77 34.4 26.6 40.0

