

Data File : VW017398.D
Acq On : 20 Nov 2020 02:41
Operator : SY/VA
Sample : L4794-18
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH1

Quant Time: Nov 20 04:40:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	257186	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116921	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	74973	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
7) Chloroethane-d5	2.89	69	67435	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	4.02	63	100149	15.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.16%
20) 2-Butanone-d5	7.09	46	36356	58.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.28%
24) Chloroform-d	7.65	84	169006	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	91515	28.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.12%
29) Benzene-d6	8.27	84	320185	22.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.48%
33) 1,2-Dichloropropane-d6	9.27	67	93564	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.32%
37) Toluene-d8	10.32	98	294661	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.40%
38) trans-1,3-Dichloropropene-	10.58	79	38166	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.00%
39) 2-Hexanone-d5	10.93	63	27729	55.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81067	28.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	105275	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

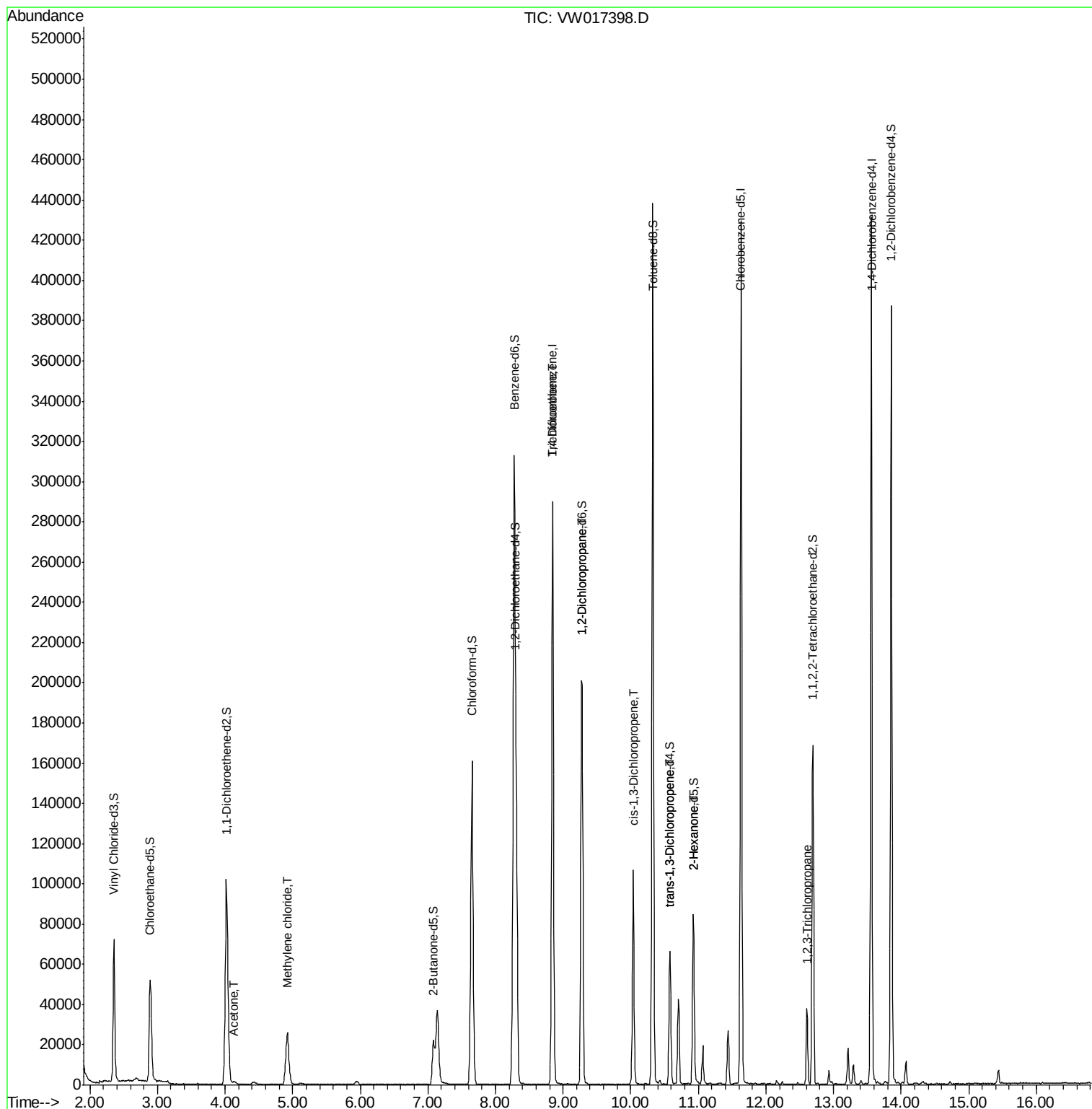
					Qvalue
13) Acetone	4.13	43	1619	3.549 ug/L	92
16) Methylene chloride	4.92	84	22107	5.025 ug/L	99
35) Trichloroethene	8.84	95	7573	1.908 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	11242	3.542 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2957	0.600 ug/L #	49
45) trans-1,3-Dichloropropene	10.58	75	1859	0.445 ug/L	87
49) 2-Hexanone	10.93	43	3983	4.201 ug/L #	35
59) 1,2,3-Trichloropropane	12.61	75	394	0.201 ug/L	95

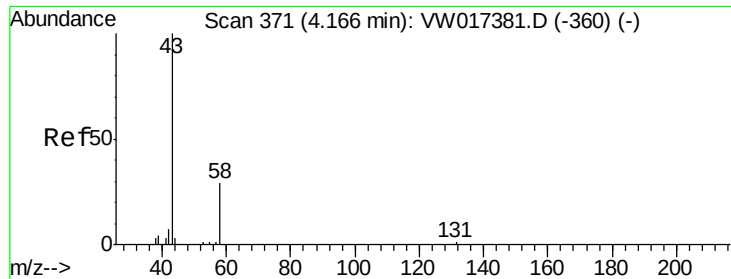
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.549 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

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Acq: 20 Nov 2020 02:41

Instrument :

MSVOA_W

ClientSampleId :

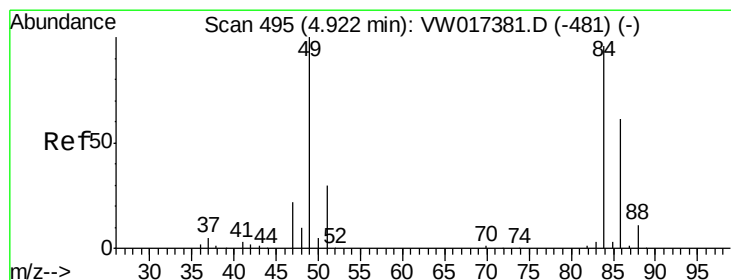
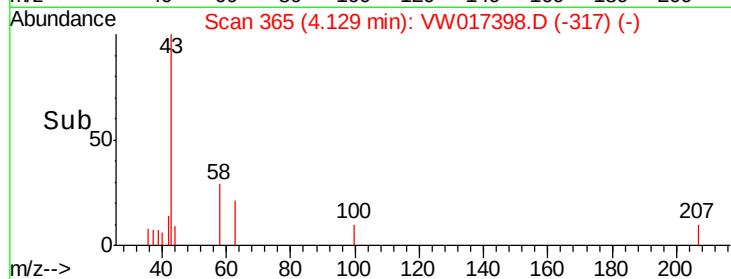
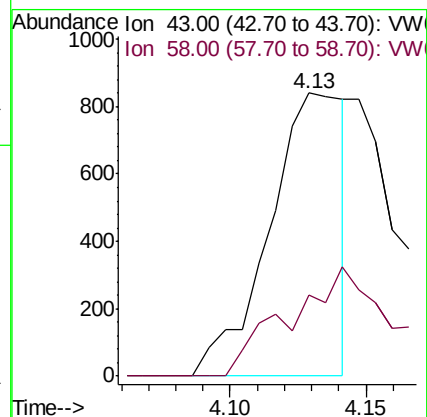
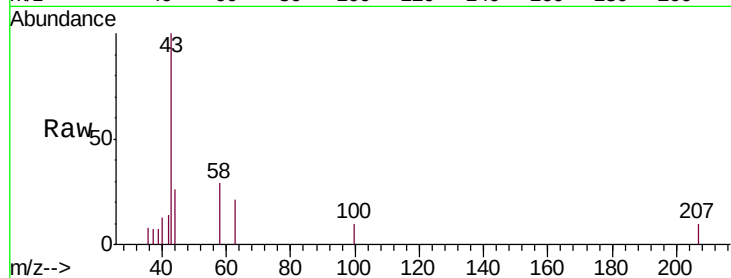
C0BH1

Tgt Ion: 43 Resp: 1619

Ion Ratio Lower Upper

43 100

58 38.0 0.0 67.0



#16

Methylene chloride

Concen: 5.025 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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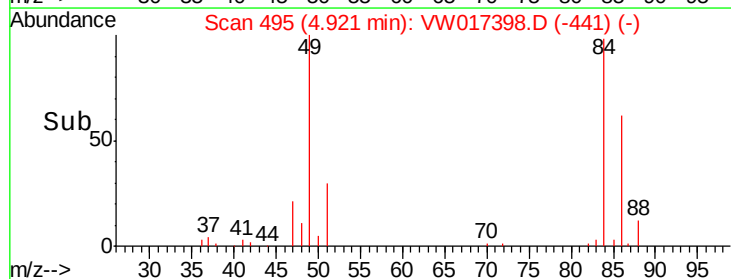
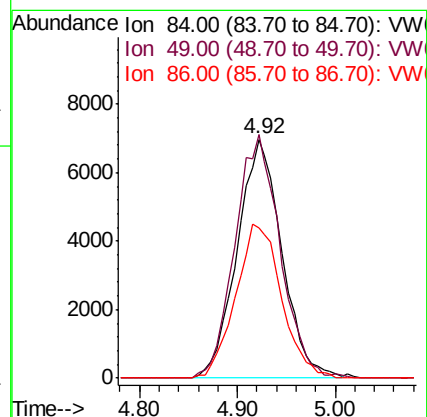
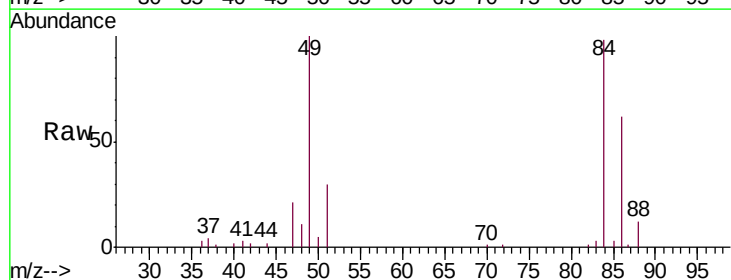
Tgt Ion: 84 Resp: 22107

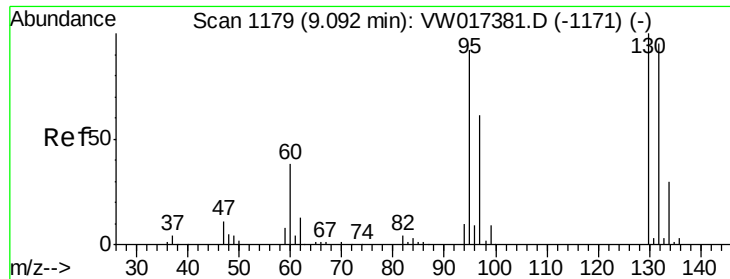
Ion Ratio Lower Upper

84 100

49 101.9 71.5 132.9

86 62.9 42.8 79.4





#35

Trichloroethene

Concen: 1.908 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017398.D

Acq: 20 Nov 2020 02:41

Instrument :

MSVOA_W

ClientSampleId :

C0BH1

Tgt Ion: 95 Resp: 7573

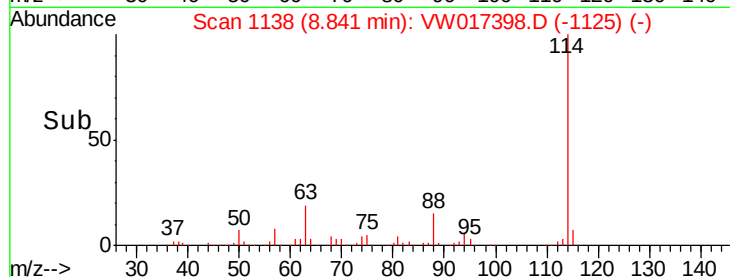
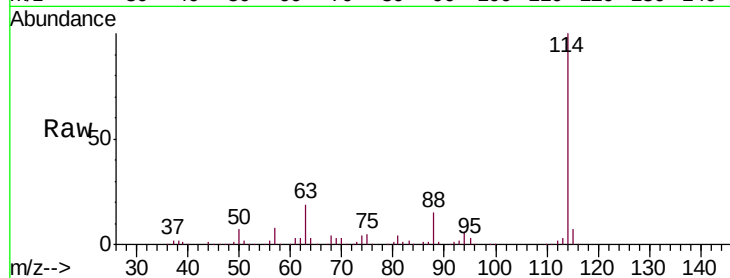
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

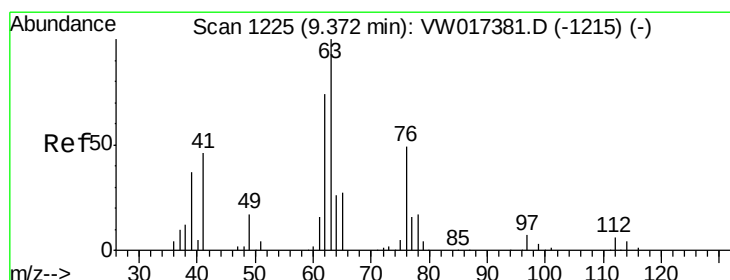
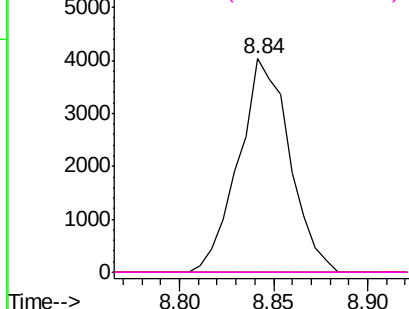


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.542 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017398.D

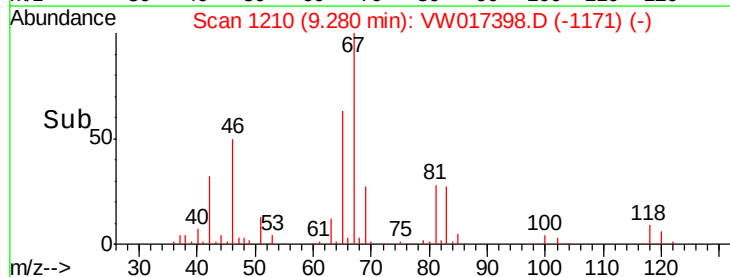
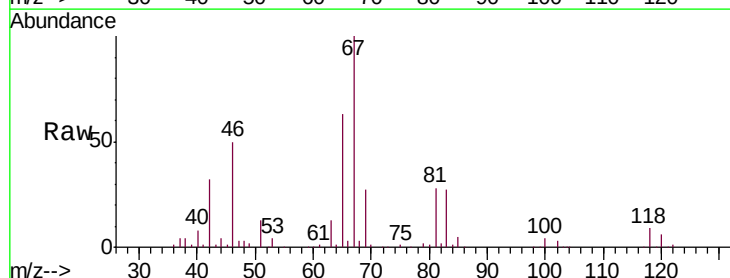
Acq: 20 Nov 2020 02:41

Tgt Ion: 63 Resp: 11242

Ion Ratio Lower Upper

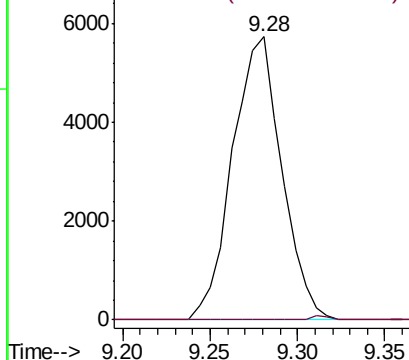
63 100

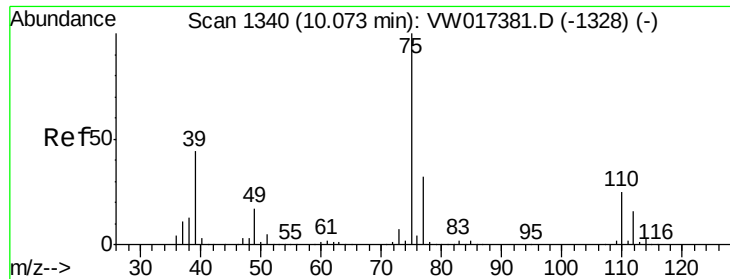
112 0.5 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017398.D

Acq: 20 Nov 2020 02:41

Instrument :

MSVOA_W

ClientSampled :

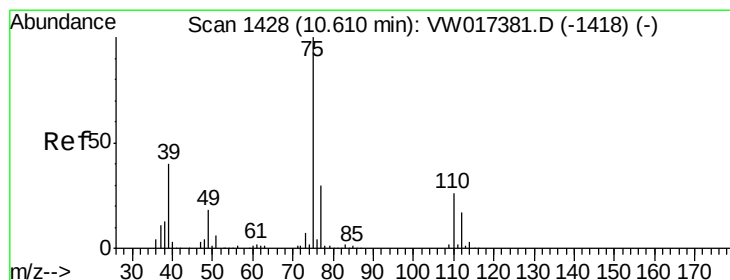
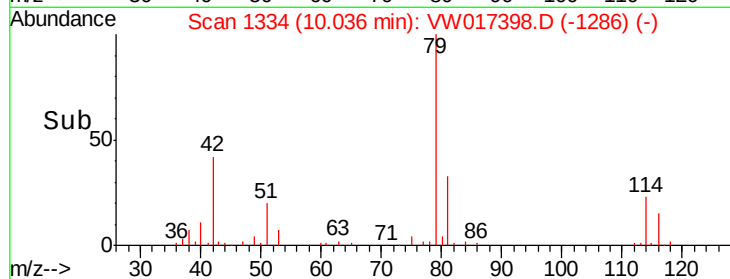
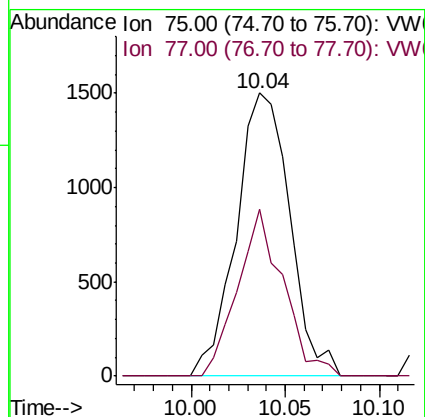
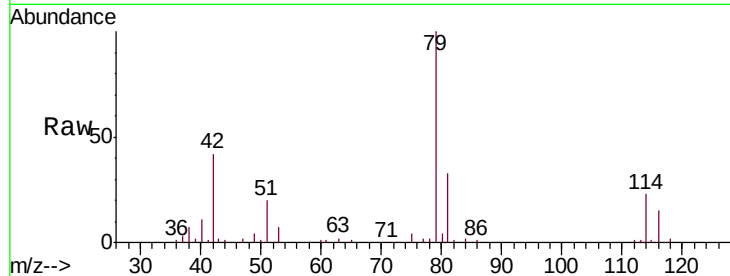
C0BH1

Tgt Ion: 75 Resp: 2957

Ion Ratio Lower Upper

75 100

77 59.1 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.445 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017398.D

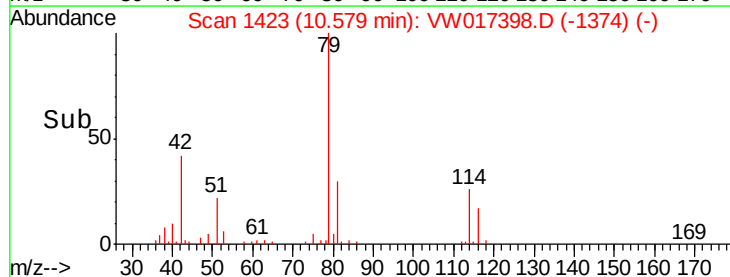
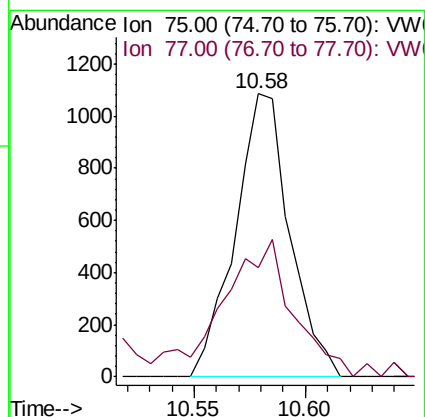
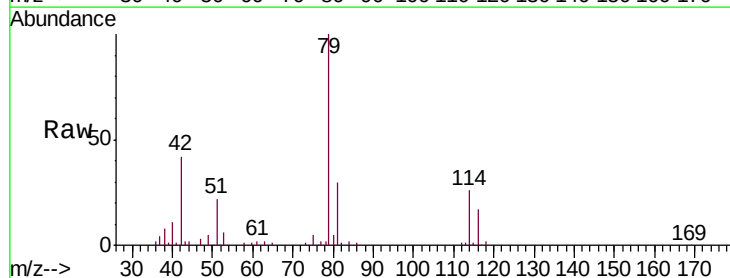
Acq: 20 Nov 2020 02:41

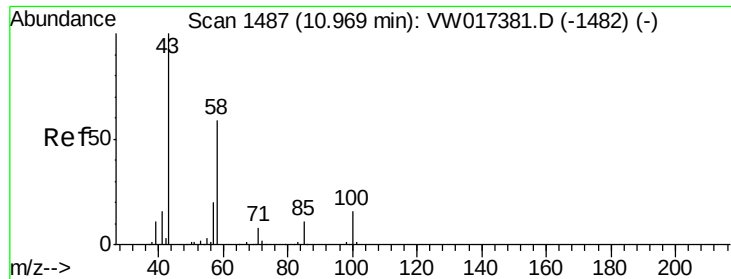
Tgt Ion: 75 Resp: 1859

Ion Ratio Lower Upper

75 100

77 38.5 22.0 40.8





#49

2-Hexanone

Concen: 4.201 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017398.D

Acq: 20 Nov 2020 02:41

Instrument :

MSVOA_W

ClientSampleId :

C0BH1

Tgt Ion: 43 Resp: 3983

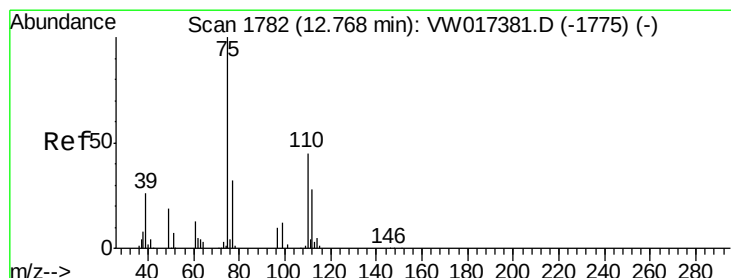
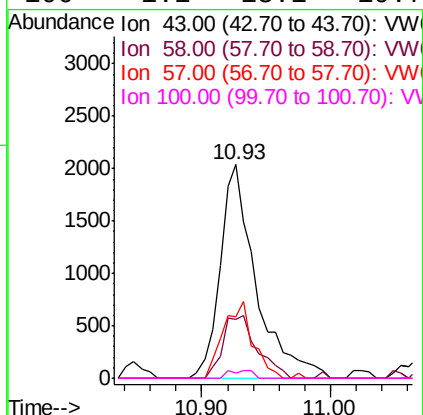
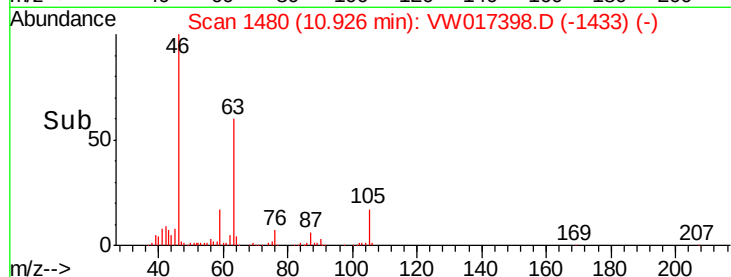
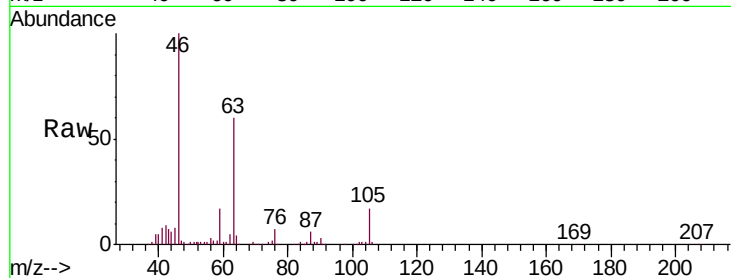
Ion Ratio Lower Upper

43 100

58 0.0 49.4 74.0#

57 0.0 17.0 25.4#

100 1.1 13.1 19.7#



#59

1,2,3-Trichloropropane

Concen: 0.201 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017398.D

Acq: 20 Nov 2020 02:41

Tgt Ion: 75 Resp: 394

Ion Ratio Lower Upper

75 100

77 30.5 26.6 40.0

