

Data File : VW017397.D
Acq On : 20 Nov 2020 02:17
Operator : SY/VA
Sample : L4794-21
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH5

Quant Time: Nov 20 04:40:21 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	250923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238893	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89885	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	71844	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
7) Chloroethane-d5	2.89	69	64809	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.84%
10) 1,1-Dichloroethene-d2	4.02	63	97892	15.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.08	46	30458	49.93	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.86%
24) Chloroform-d	7.65	84	159266	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	8.30	65	85920	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.92%
29) Benzene-d6	8.28	84	304490	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.27	67	88759	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.96%
37) Toluene-d8	10.33	98	277070	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.40%
38) trans-1,3-Dichloropropene-	10.58	79	33988	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.93	63	21795	45.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69981	25.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	87224	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%

Target Compounds

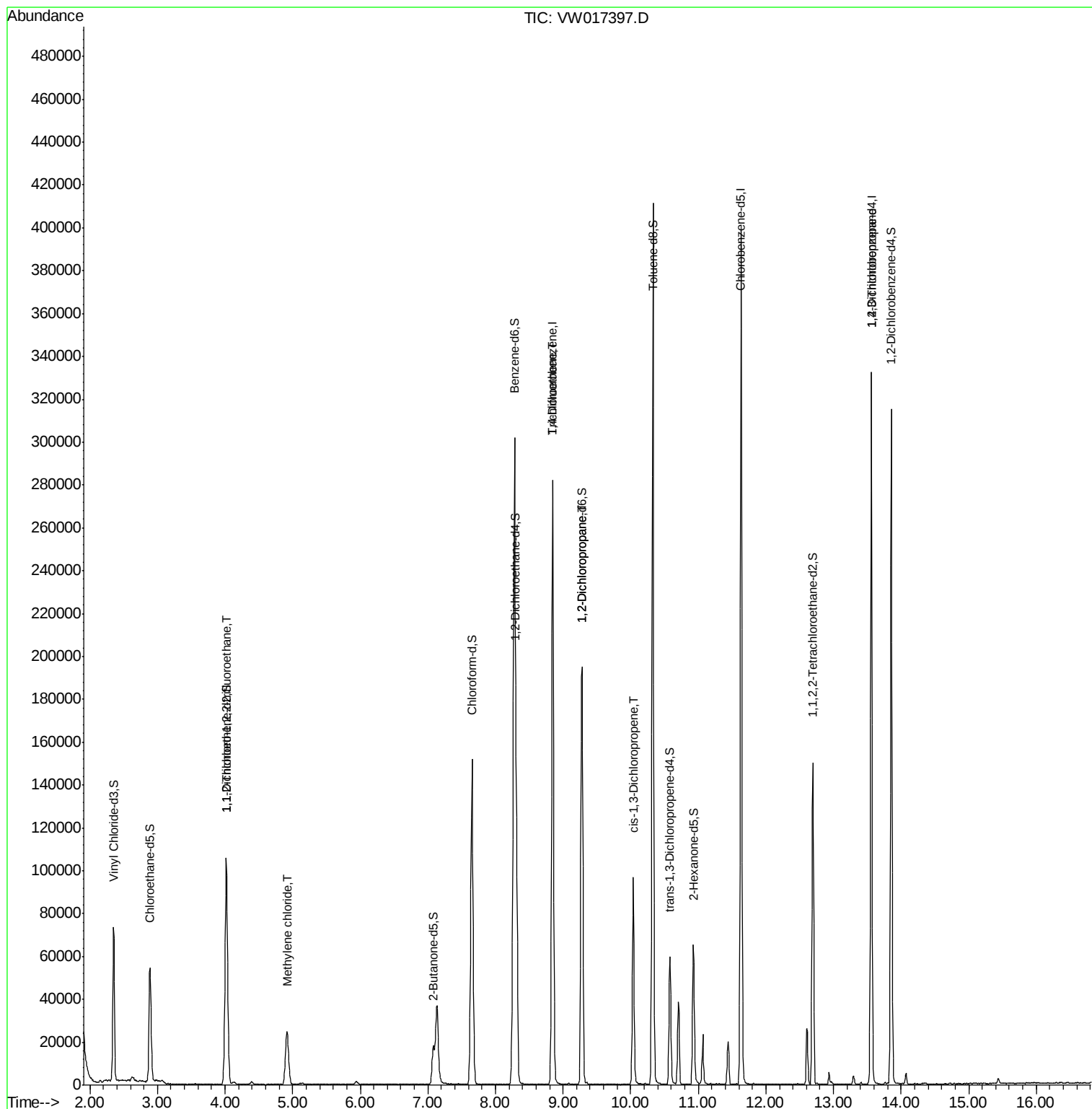
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1019	0.296 ug/L #	16
16) Methylene chloride	4.92	84	21524	5.015 ug/L	98
35) Trichloroethene	8.85	95	7399	1.938 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	10541	3.453 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2673	0.564 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	10158	5.400 ug/L	99

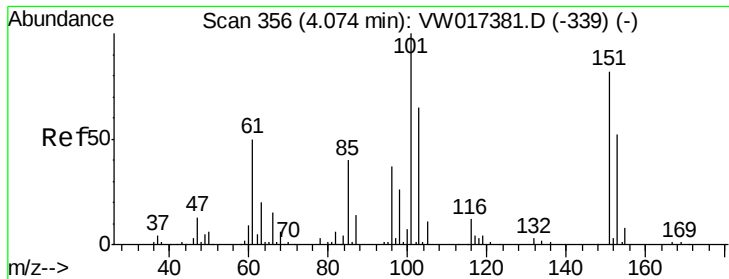
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.296 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

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MSVOA_W

ClientSampleId :

C0BH5

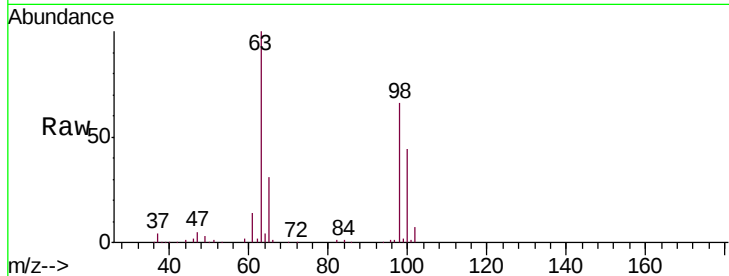
Tgt Ion: 101 Resp: 1019

Ion Ratio Lower Upper

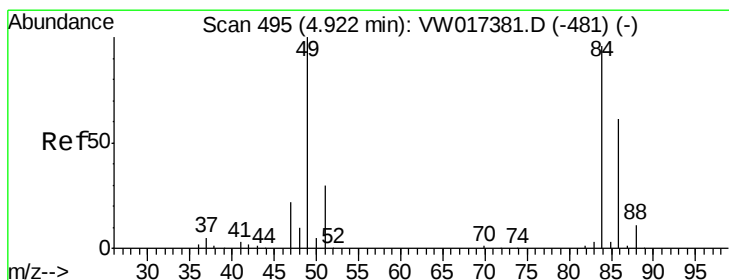
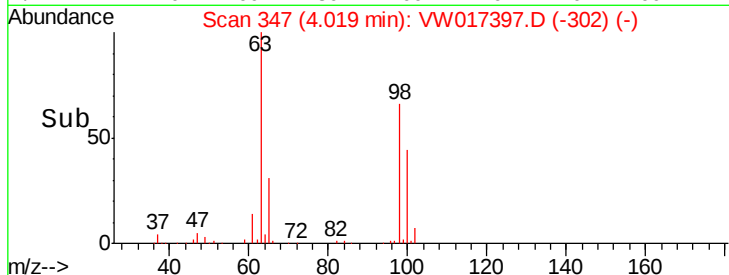
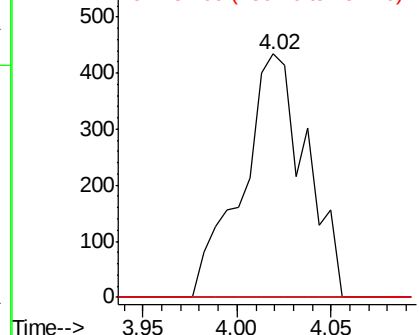
101 100

85 0.0 34.6 51.8#

151 0.0 66.3 99.5#



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



#16

Methylene chloride

Concen: 5.015 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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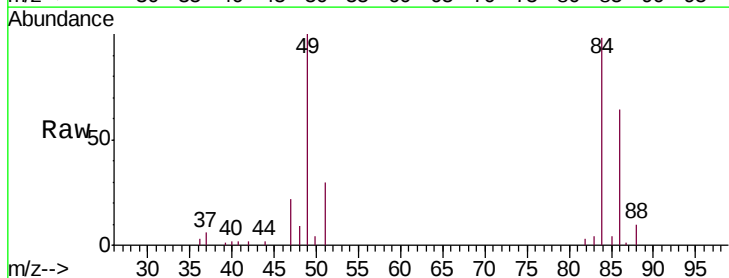
Tgt Ion: 84 Resp: 21524

Ion Ratio Lower Upper

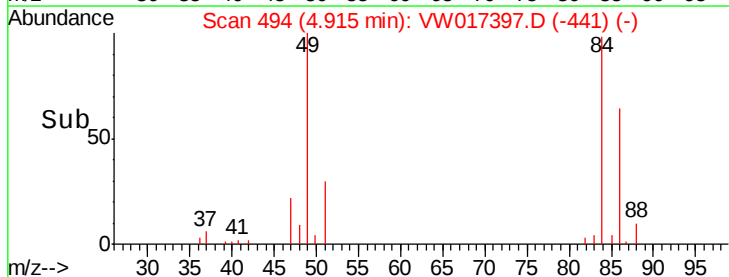
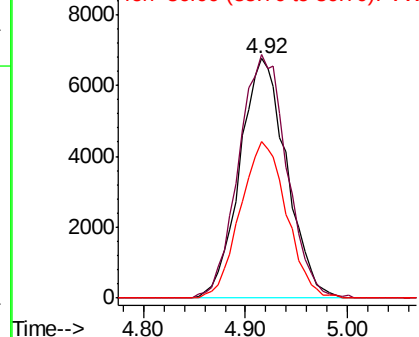
84 100

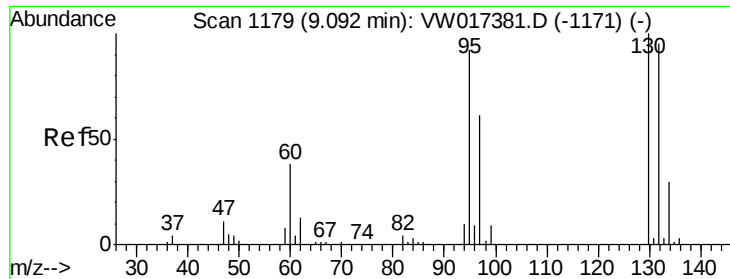
49 101.7 71.5 132.9

86 65.5 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: 1.938 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 7399

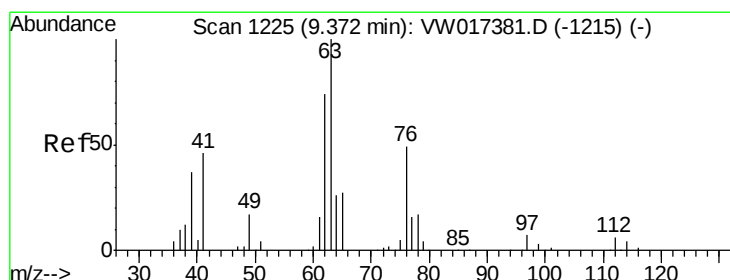
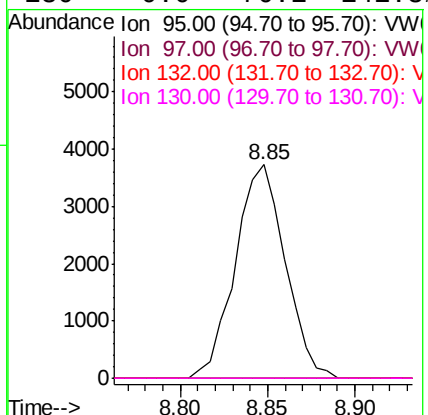
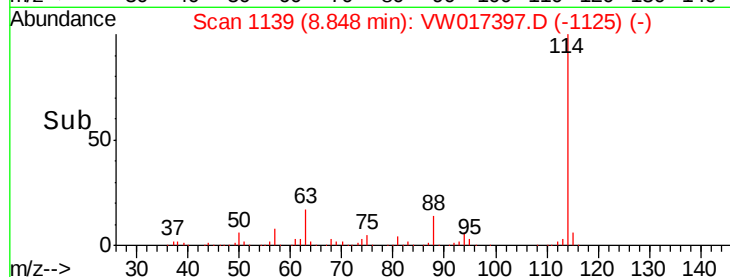
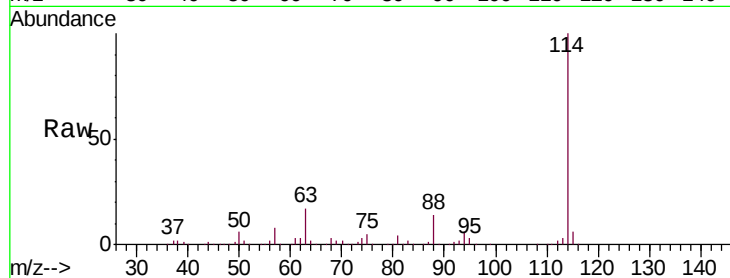
Ion Ratio Lower Upper

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: 3.453 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017397.D

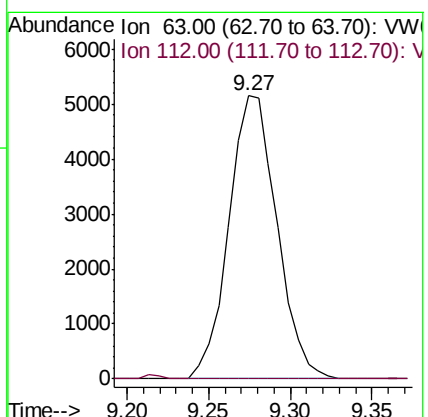
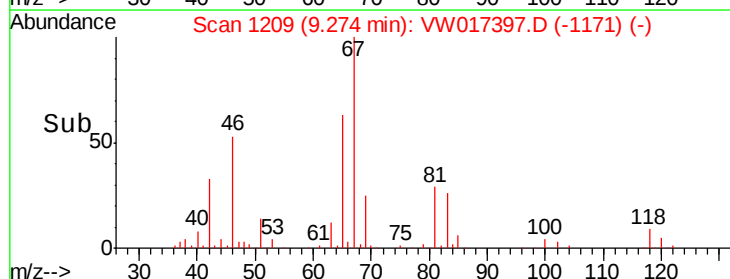
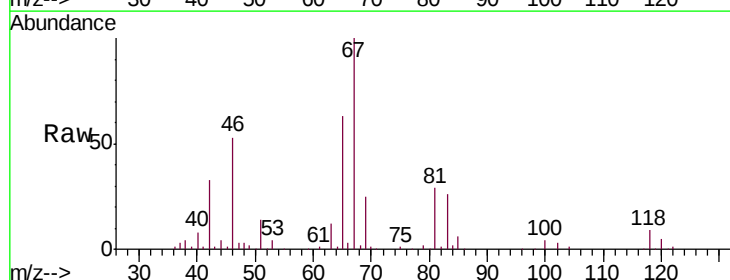
Acq: 20 Nov 2020 02:17

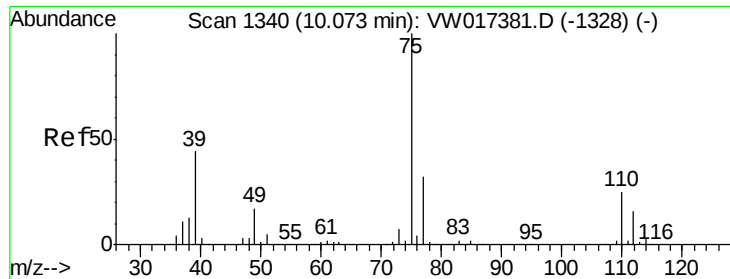
Tgt Ion: 63 Resp: 10541

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.4#





#42

cis-1,3-Dichloropropene

Concen: 0.564 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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Acq: 20 Nov 2020 02:17

Instrument :

MSVOA_W

ClientSampleId :

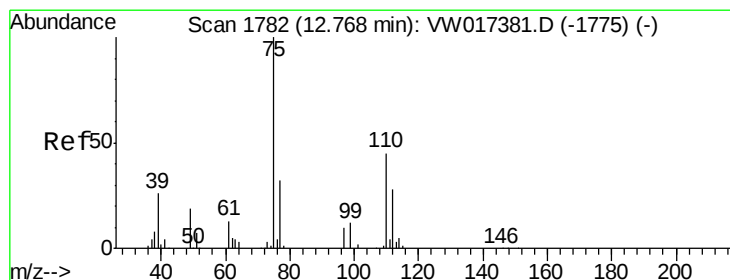
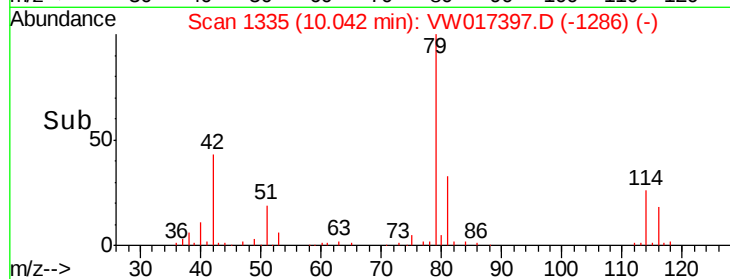
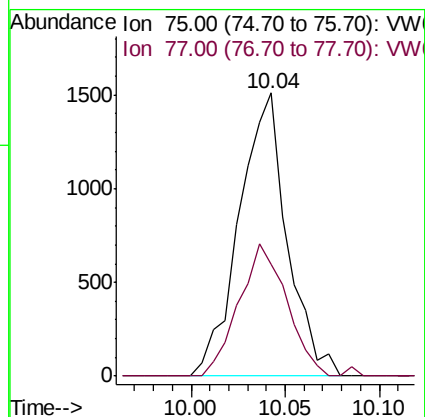
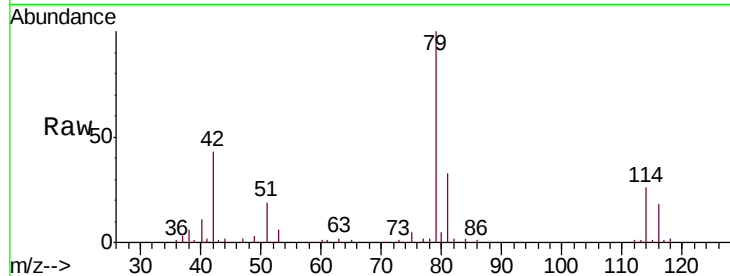
C0BH5

Tgt Ion: 75 Resp: 2673

Ion Ratio Lower Upper

75 100

77 39.5 21.8 40.4



#59

1,2,3-Trichloropropane

Concen: 5.400 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017397.D

Acq: 20 Nov 2020 02:17

Tgt Ion: 75 Resp: 10158

Ion Ratio Lower Upper

75 100

77 33.8 26.6 40.0

