

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017489.D
 Acq On : 24 Nov 2020 21:49
 Operator : SY/VA
 Sample : L4861-09
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	447461	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412064	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200112	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97869	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.52%
7) Chloroethane-d5	2.89	69	92224	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
10) 1,1-Dichloroethene-d2	4.03	63	189613	14.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.88%
20) 2-Butanone-d5	7.09	46	68190	54.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.86%
24) Chloroform-d	7.65	84	283447	22.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	8.31	65	165117	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.88%
29) Benzene-d6	8.28	84	520890	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.27	67	160369	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.48%
37) Toluene-d8	10.32	98	482188	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.60%
38) trans-1,3-Dichloropropene-	10.58	79	70953	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.60%
39) 2-Hexanone-d5	10.93	63	45145	52.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122225	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	176653	23.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.36%

Target Compounds

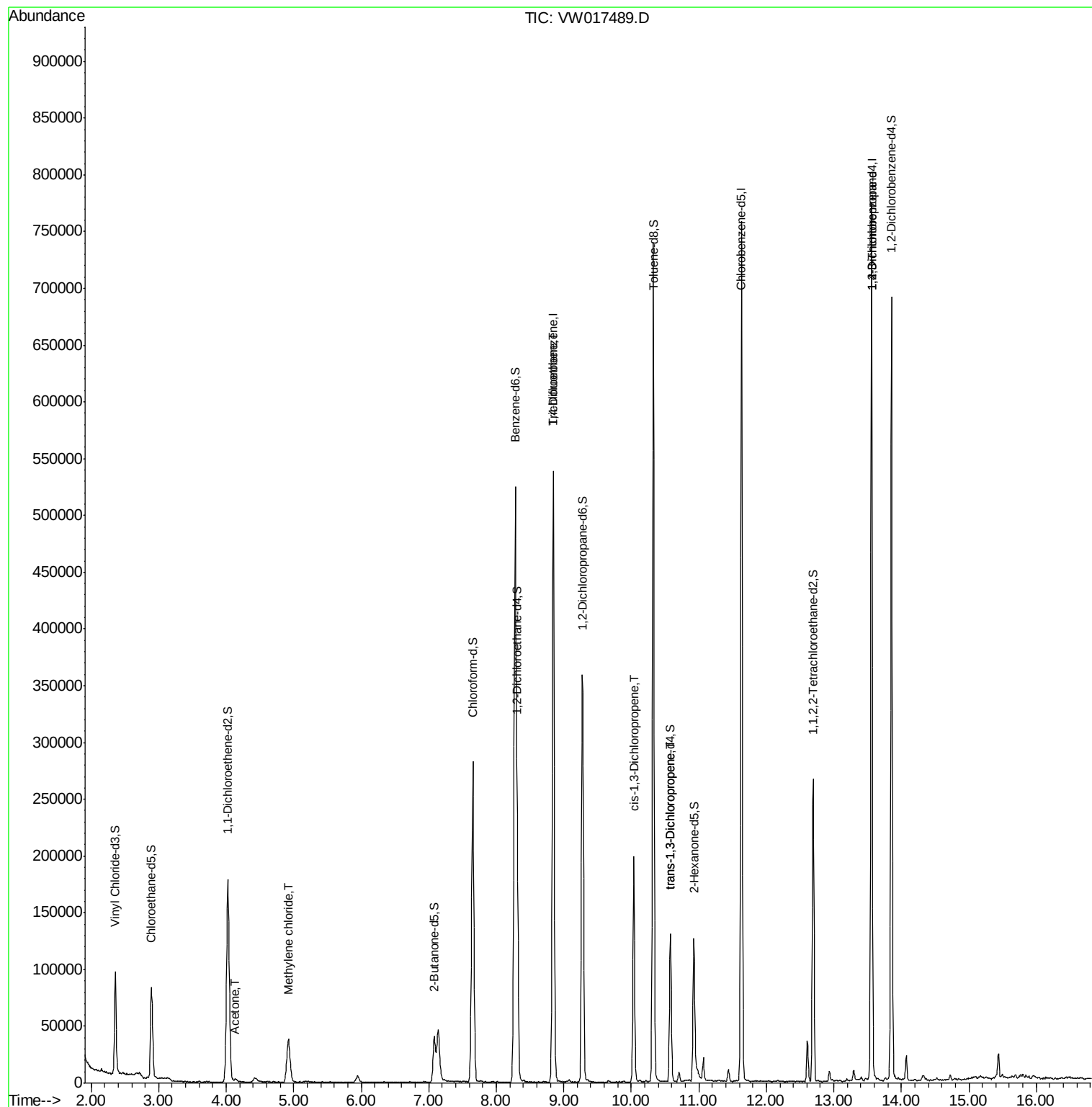
					Ovalue
13) Acetone	4.13	43	3660	3.064 ug/L	73
16) Methylene chloride	4.92	84	30712	4.571 ug/L	89
35) Trichloroethene	8.84	95	14781	2.153 ug/L #	3
42) cis-1,3-Dichloropropene	10.04	75	5954	0.661 ug/L	91
45) trans-1,3-Dichloropropene	10.58	75	3440	0.446 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	24659	7.121 ug/L	97

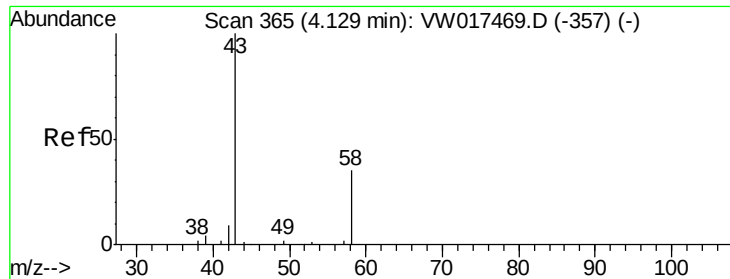
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.064 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017489.D

Acq: 24 Nov 2020 21:49

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MSVOA_W

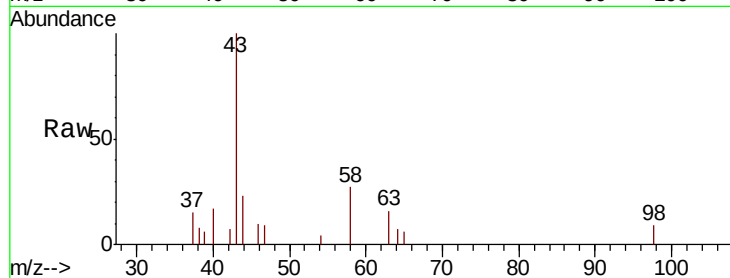
ClientSampleId :

Tot Ion: 43 Resp: 3660

Ion Ratio Lower Upper

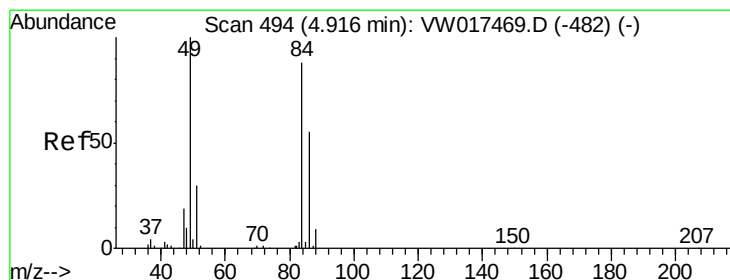
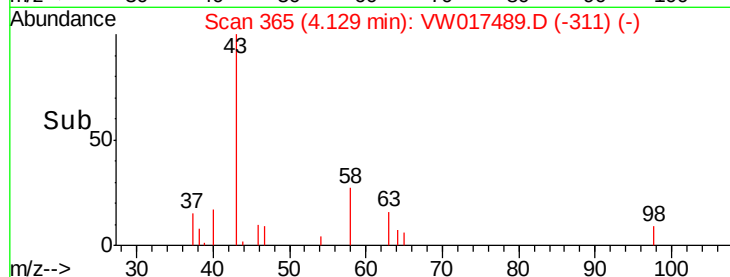
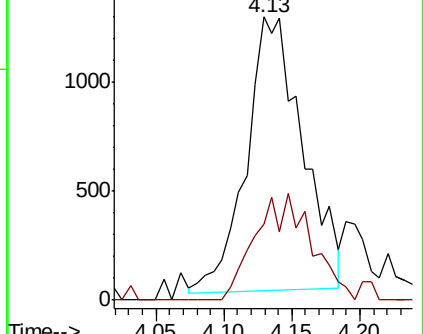
43 100

58 18.7 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.571 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017489.D

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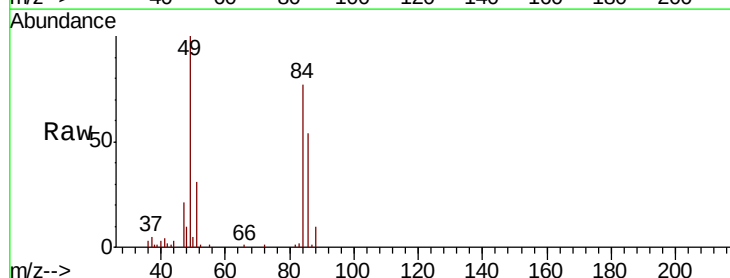
Tgt Ion: 84 Resp: 30712

Ion Ratio Lower Upper

84 100

49 129.3 81.2 150.8

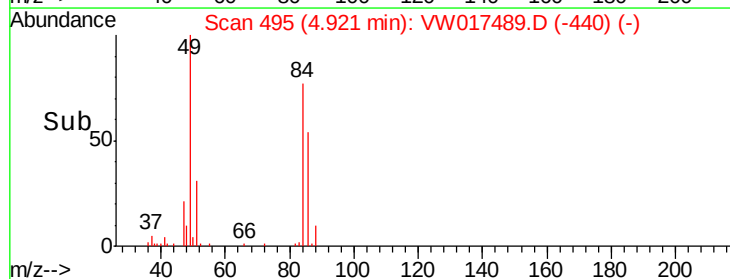
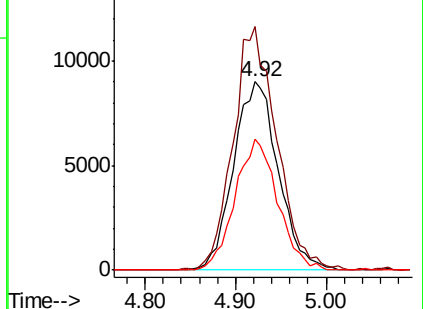
86 69.4 44.5 82.7

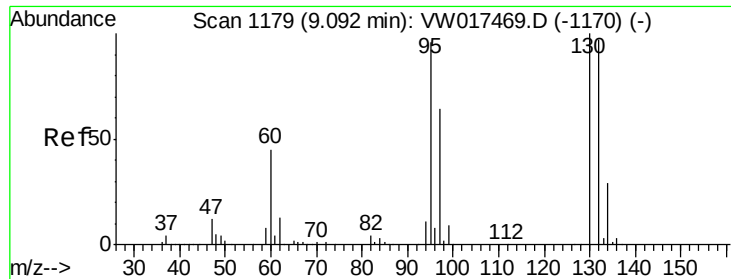


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

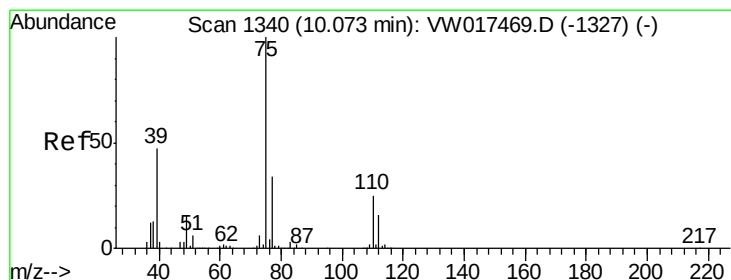
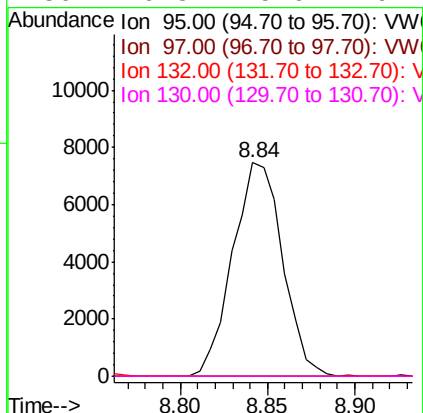
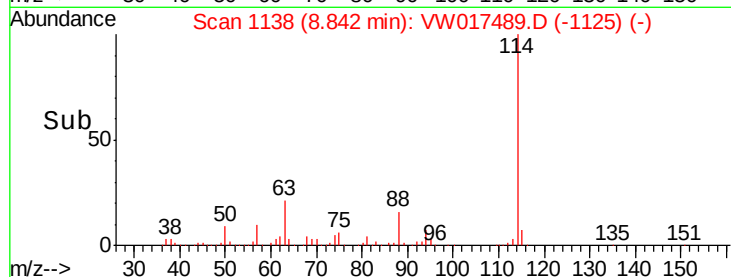
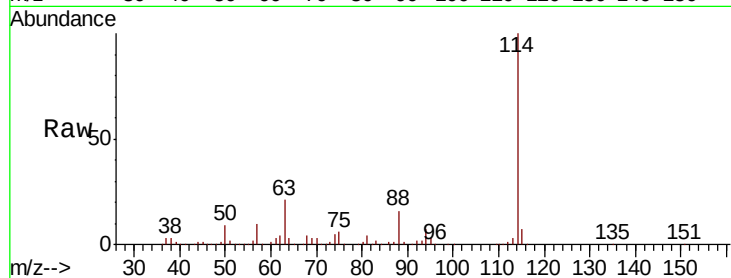




#35
 Trichloroethene
 Concen: 2.153 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW017489.D
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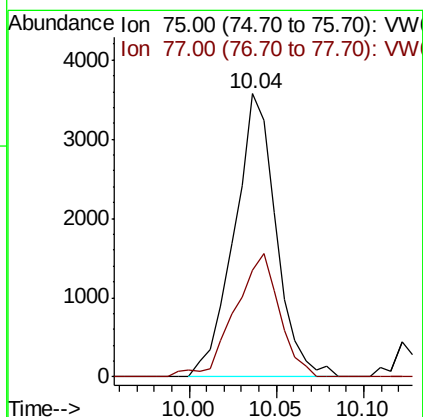
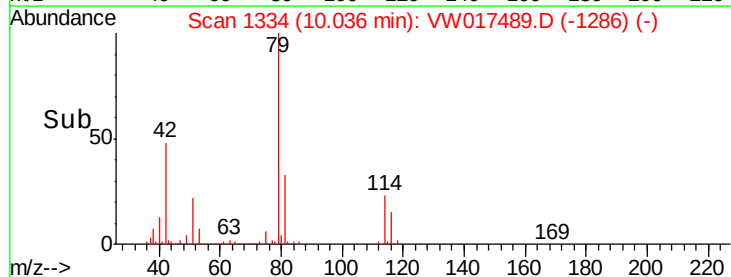
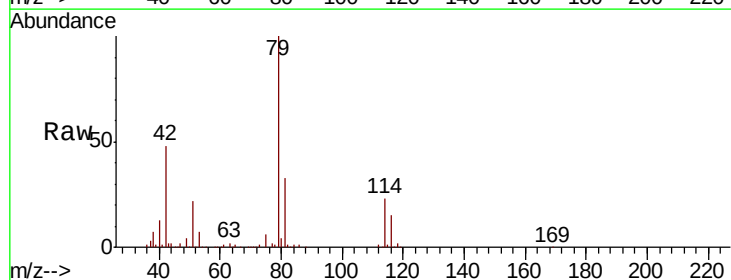
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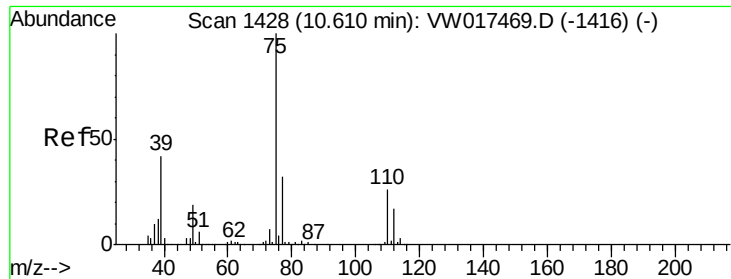
Tot Ion: 95 Resp: 14781
 Ion Ratio Lower Upper
 95 100
 97 0.3 45.0 83.6#
 132 0.3 71.0 131.8#
 130 0.3 75.6 140.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.661 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017489.D
 Acq: 24 Nov 2020 21:49

Tgt Ion: 75 Resp: 5954
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.7 42.3





#45

trans-1,3-Dichloropropene

Concen: 0.446 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017489.D

Acq: 24 Nov 2020 21:49

Instrument :

MSVOA_W

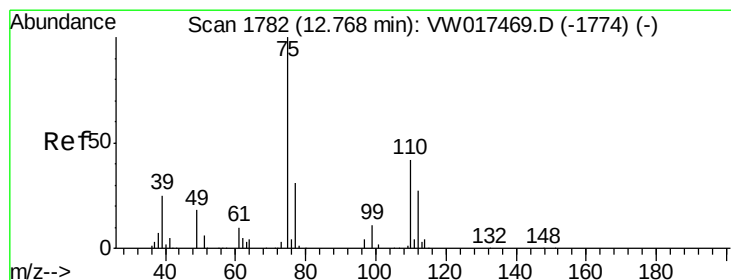
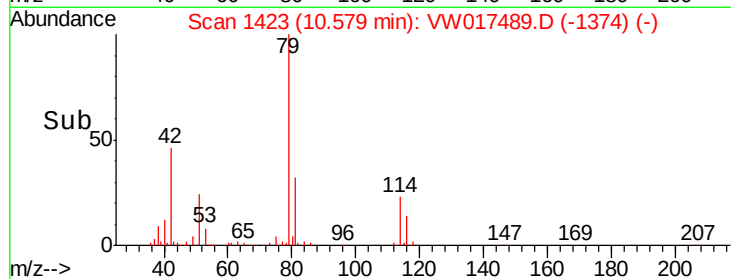
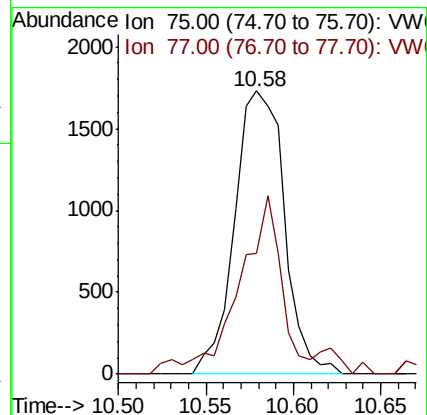
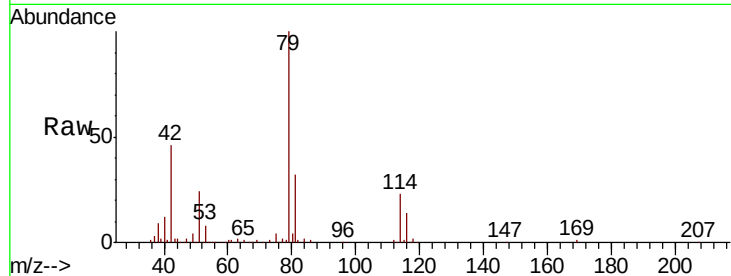
ClientSampled :

Tot Ion: 75 Resp: 3440

Ion Ratio Lower Upper

75 100

77 42.5 22.6 42.0#



#59

1,2,3-Trichloropropane

Concen: 7.121 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017489.D

Acq: 24 Nov 2020 21:49

Tgt Ion: 75 Resp: 24659

Ion Ratio Lower Upper

75 100

77 34.8 26.6 39.8

