

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016372.D
 Acq On : 26 Aug 2020 17:10
 Operator : SY/VA
 Sample : L3807-18
 Misc : 6.97G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFW56

Quant Time: Aug 27 02:44:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	282265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265157	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118399	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	41986	13.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.72%
7) Chloroethane-d5	2.89	69	37805	16.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.12%
10) 1,1-Dichloroethene-d2	4.02	63	83530	11.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.68%
20) 2-Butanone-d5	7.09	46	32426	37.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.66%
24) Chloroform-d	7.65	84	138958	18.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.52%
26) 1,2-Dichloroethane-d4	8.31	65	74518	19.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.60%
29) Benzene-d6	8.28	84	261753	17.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.72%
33) 1,2-Dichloropropane-d6	9.27	67	75433	18.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.64%
37) Toluene-d8	10.32	98	241101	17.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.04%
38) trans-1,3-Dichloropropene-	10.58	79	32704	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.16%
39) 2-Hexanone-d5	10.93	63	27315	41.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67647	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	89701	19.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.04%

Target Compounds

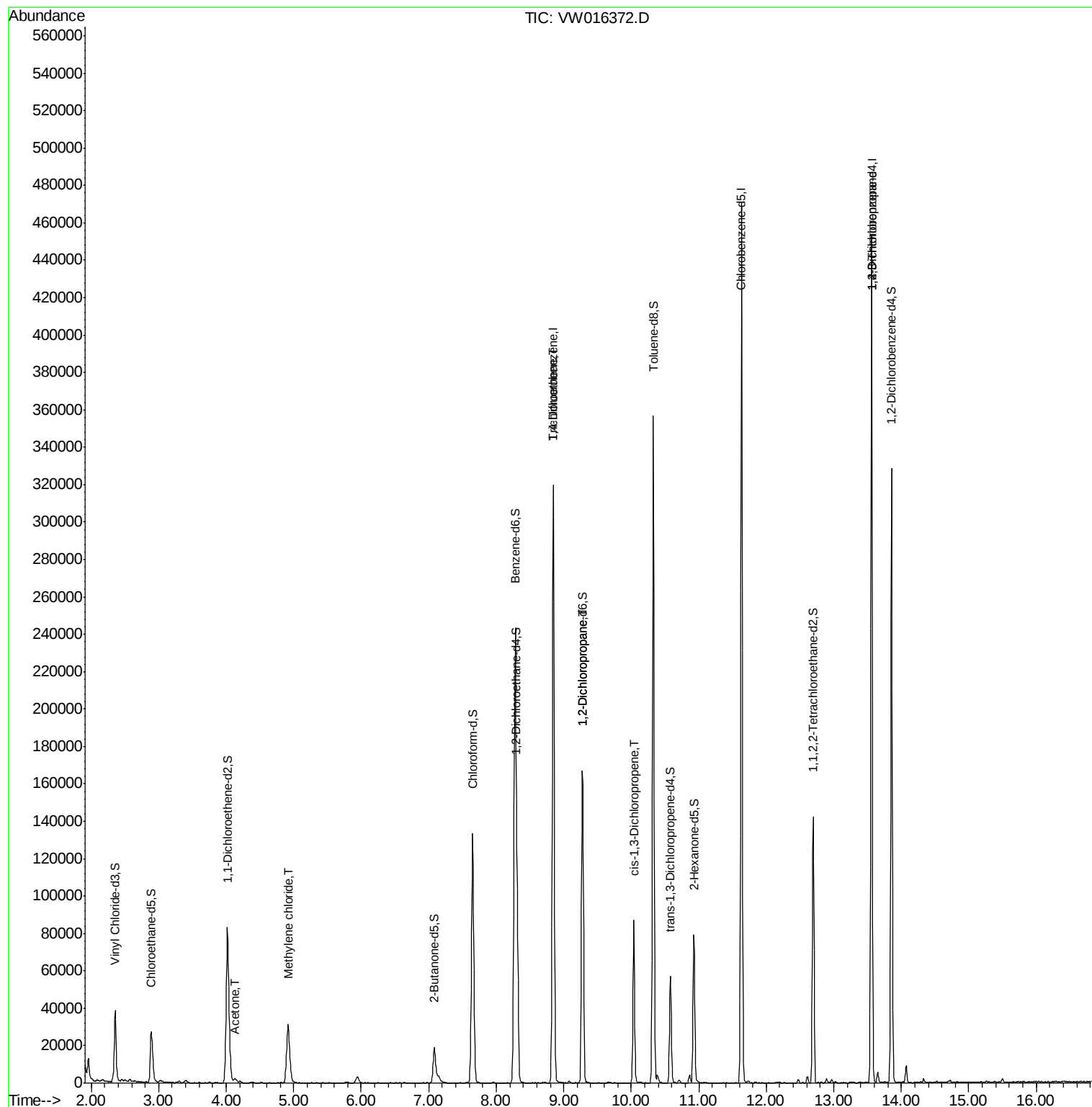
					Ovalue
13) Acetone	4.14	43	3623	5.093 ug/L	67
16) Methylene chloride	4.92	84	27049	5.184 ug/L	94
35) Trichloroethene	8.84	95	8735	2.028 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	8890	2.485 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2302	0.393 ug/L #	63
59) 1,2,3-Trichloropropane	13.56	75	12882	5.049 ug/L	90

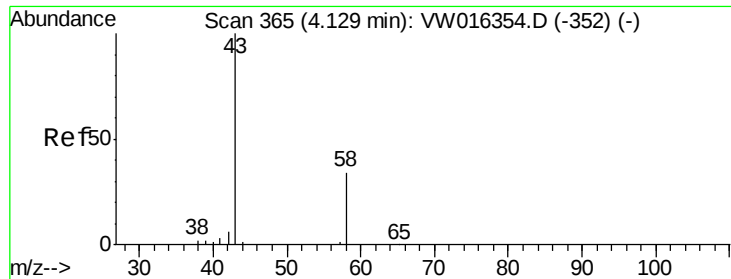
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 27 02:40:32 2020
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#13

Acetone

Concen: 5.093 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016372.D

Acq: 26 Aug 2020 17:10

Instrument :

MSVOA_W

ClientSampled :

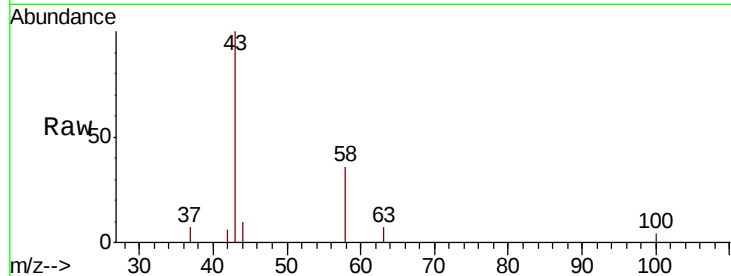
BFWS6

Tot Ion: 43 Resp: 3623

Ion Ratio Lower Upper

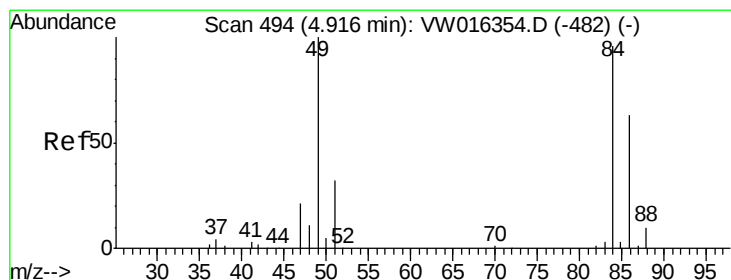
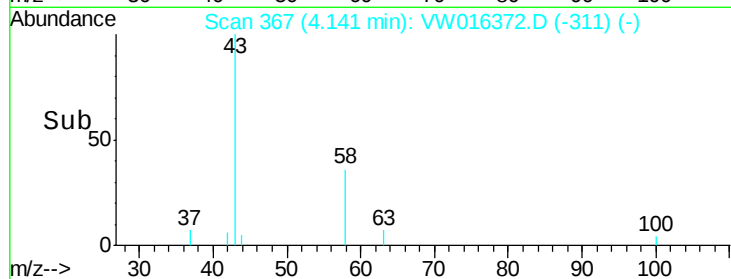
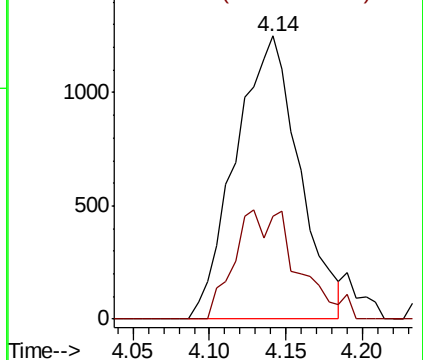
43 100

58 13.5 0.0 63.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.184 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016372.D

Acq: 26 Aug 2020 17:10

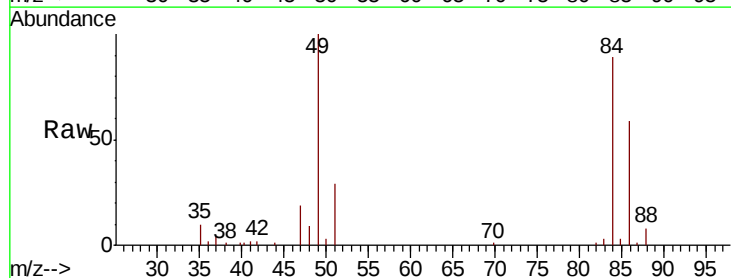
Tgt Ion: 84 Resp: 27049

Ion Ratio Lower Upper

84 100

49 112.8 75.3 139.9

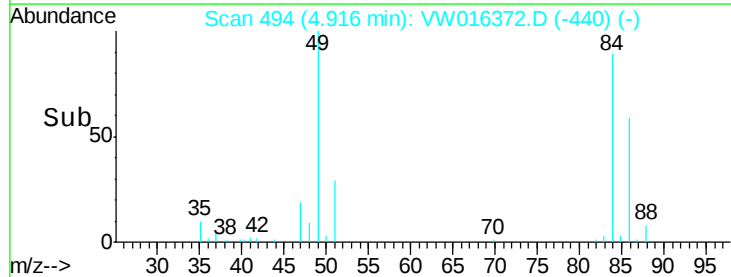
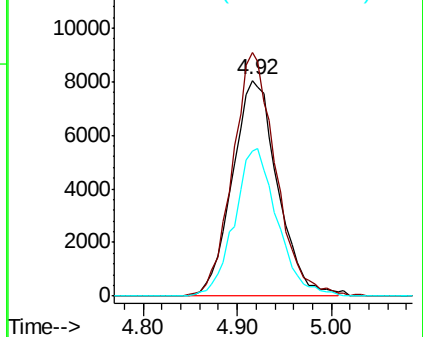
86 67.0 43.3 80.3

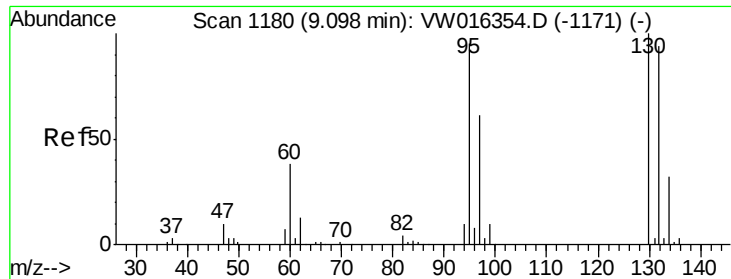


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.028 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW016372.D

Acq: 26 Aug 2020 17:10

Instrument :

MSVOA_W

ClientSampleId :

BFWS6

Tot Ion: 95 Resp: 8735

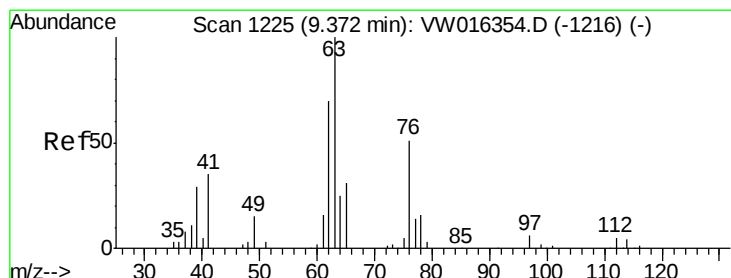
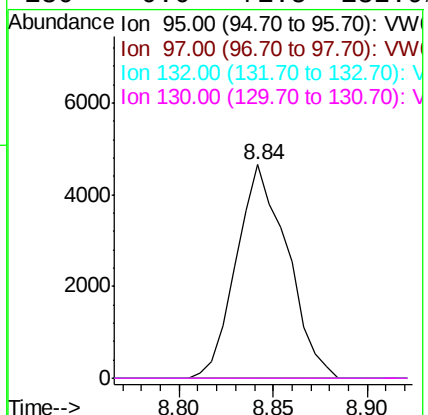
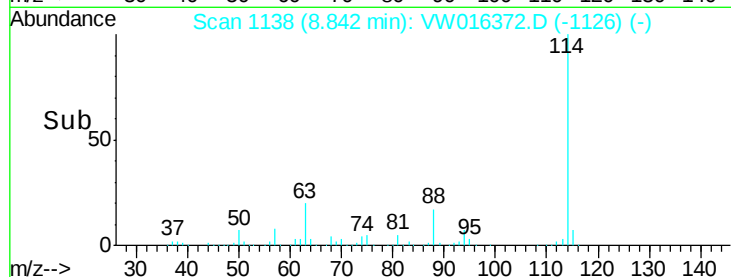
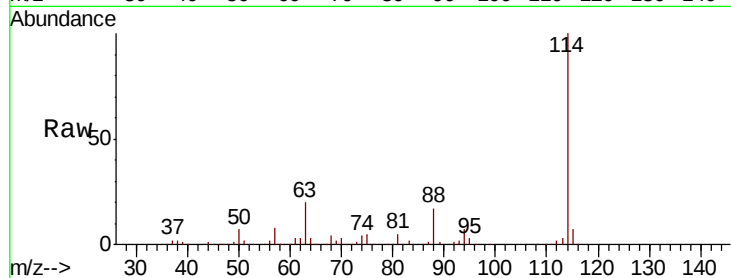
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 68.2 126.6#

130 0.0 71.5 132.9#



#40

1,2-Dichloropropane

Concen: 2.485 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016372.D

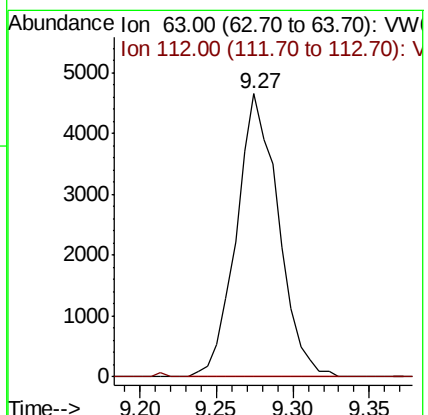
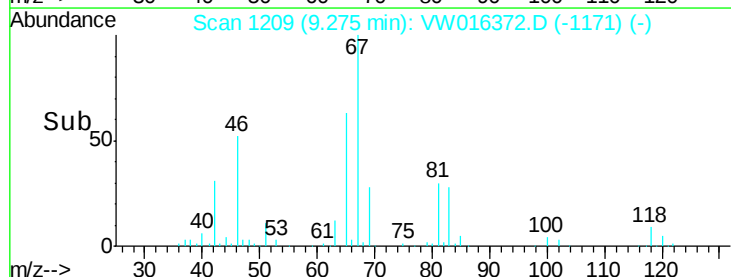
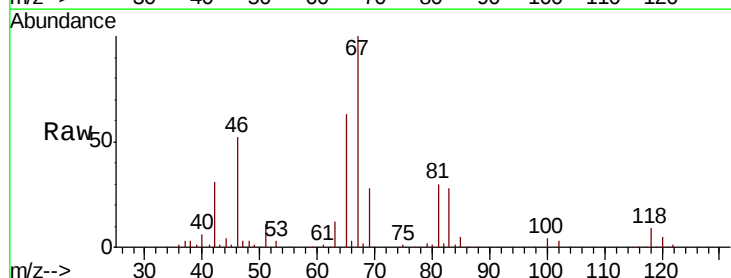
Acq: 26 Aug 2020 17:10

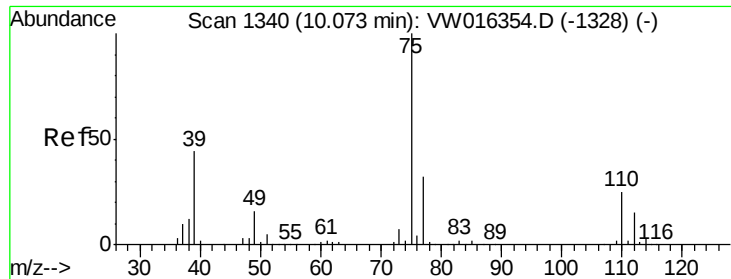
Tgt Ion: 63 Resp: 8890

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#

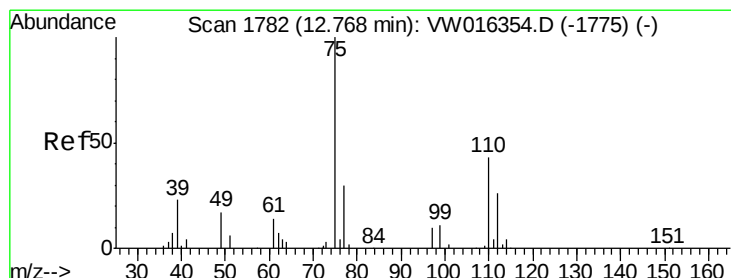
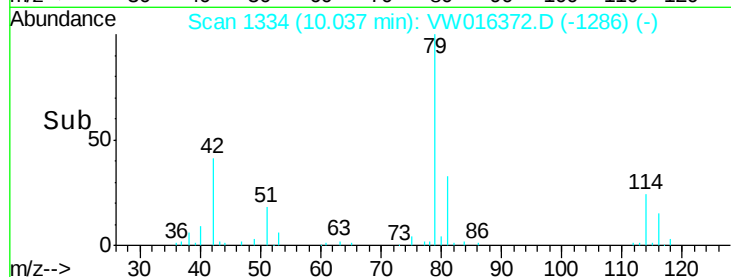
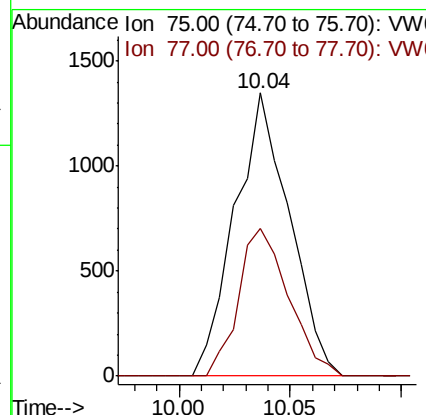
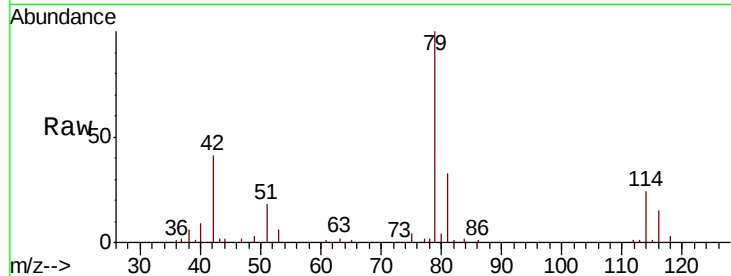




#42
 cis-1,3-Dichloropropene
 Concen: 0.393 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016372.D
 Acq: 26 Aug 2020 17:10

Instrument :
 MSVOA_W
 ClientSampled :
 BFWS6

Tot Ion: 75 Resp: 2302
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.0 40.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.049 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016372.D
 Acq: 26 Aug 2020 17:10

Tgt Ion: 75 Resp: 12882
 Ion Ratio Lower Upper
 75 100
 77 39.8 27.1 40.7

