

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017554.D
 Acq On : 04 Dec 2020 14:30
 Operator : SY/VA
 Sample : L4941-05
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY4

Quant Time: Dec 05 07:37:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	386460	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126902	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89391	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.28%
7) Chloroethane-d5	2.89	69	80057	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
10) 1,1-Dichloroethene-d2	4.03	63	157065	13.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.68%
20) 2-Butanone-d5	7.08	46	48018	43.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.14%
24) Chloroform-d	7.65	84	234726	20.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.48%
26) 1,2-Dichloroethane-d4	8.31	65	123560	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.68%
29) Benzene-d6	8.27	84	430275	20.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.92%
33) 1,2-Dichloropropane-d6	9.27	67	131909	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.84%
37) Toluene-d8	10.33	98	376915	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.16%
38) trans-1,3-Dichloropropene-	10.58	79	47566	18.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.00%
39) 2-Hexanone-d5	10.93	63	29426	39.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96043	22.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	105484	22.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.12%

Target Compounds

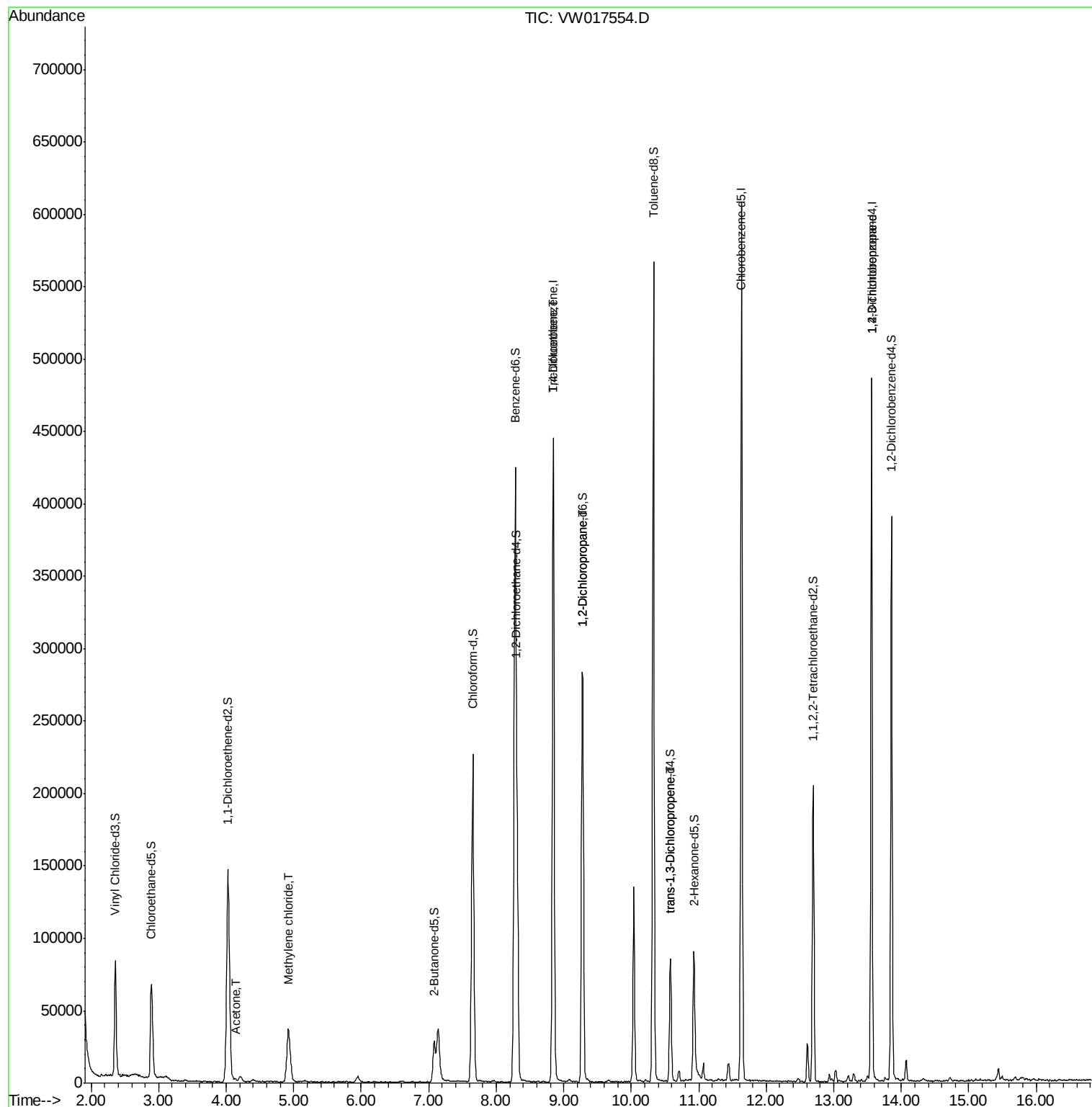
					Ovalue
13) Acetone	4.15	43	2298	2.117 ug/L	78
16) Methylene chloride	4.92	84	31690	5.438 ug/L	95
35) Trichloroethene	8.84	95	11736	2.080 ug/L #	3
40) 1,2-Dichloropropane	9.28	63	15818	3.305 ug/L #	89
45) trans-1,3-Dichloropropene	10.57	75	2386	0.372 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	15107	5.233 ug/L	97

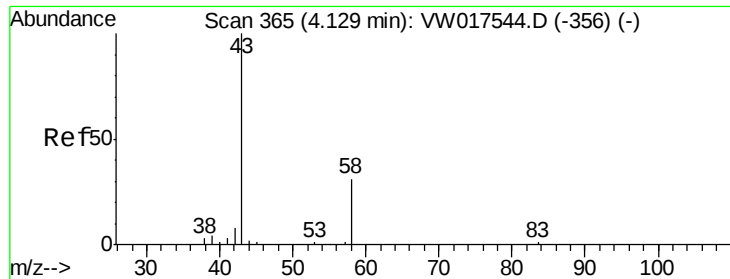
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 05 07:36:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.117 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017554.D

Acq: 04 Dec 2020 14:30

Instrument :

MSVOA_W

ClientSampled :

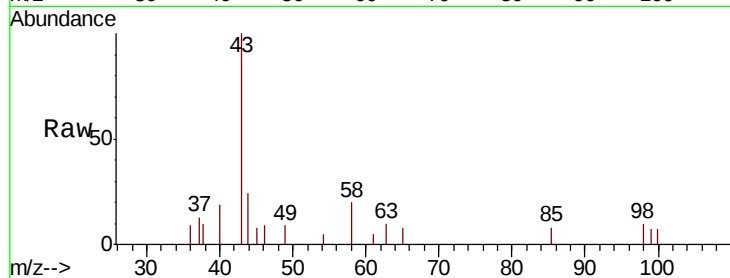
C0AY4

Tot Ion: 43 Resp: 2298

Ion Ratio Lower Upper

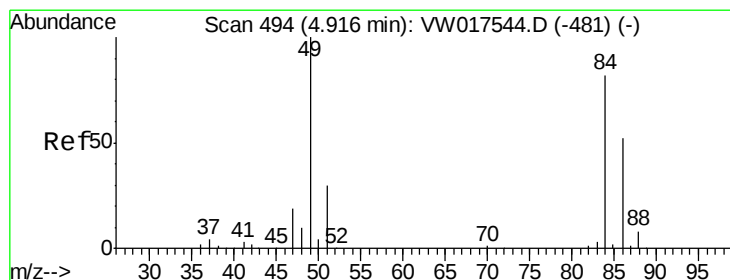
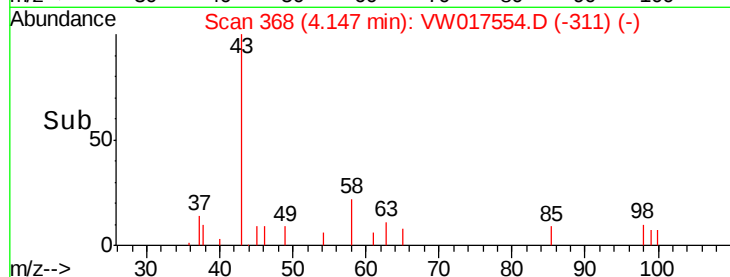
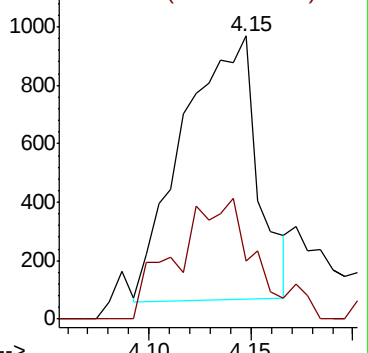
43 100

58 21.8 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: 5.438 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017554.D

Acq: 04 Dec 2020 14:30

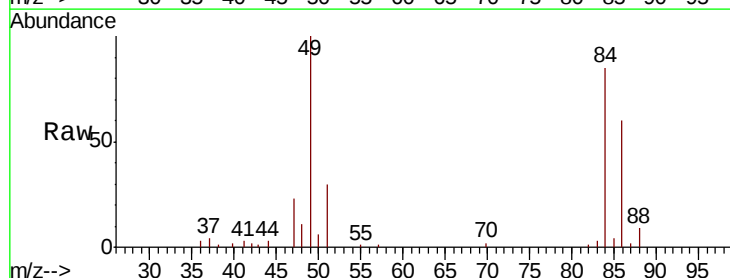
Tgt Ion: 84 Resp: 31690

Ion Ratio Lower Upper

84 100

49 118.3 81.2 150.8

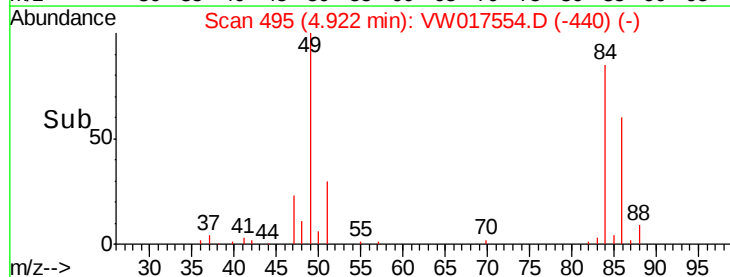
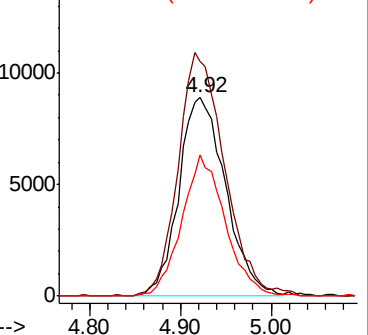
86 71.0 44.5 82.7

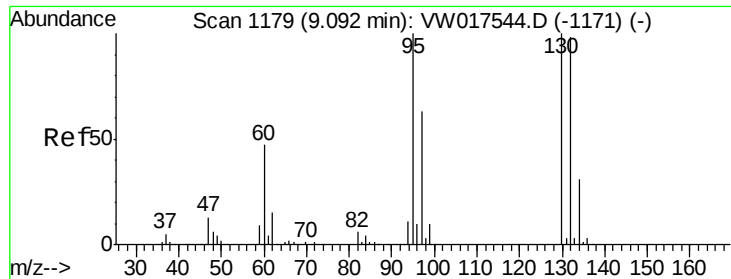


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.080 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017554.D

Acq: 04 Dec 2020 14:30

Instrument :

MSVOA_W

ClientSampleId :

C0AY4

Tot Ion: 95 Resp: 11736

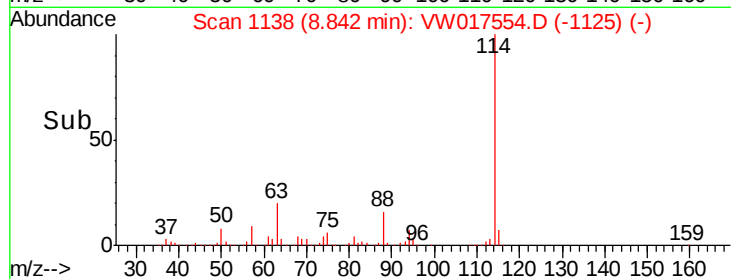
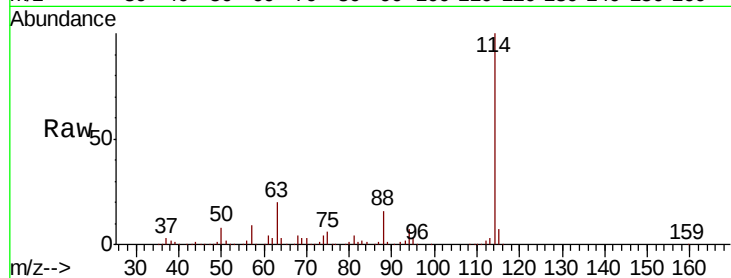
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 71.0 131.8#

130 0.7 75.6 140.4#

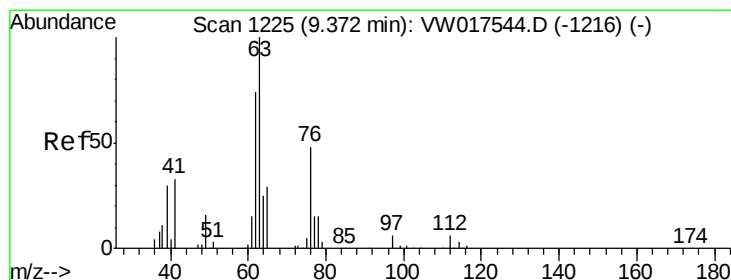
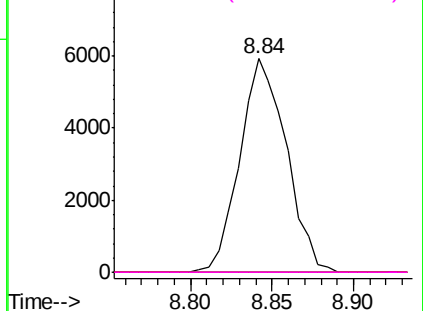


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.305 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017554.D

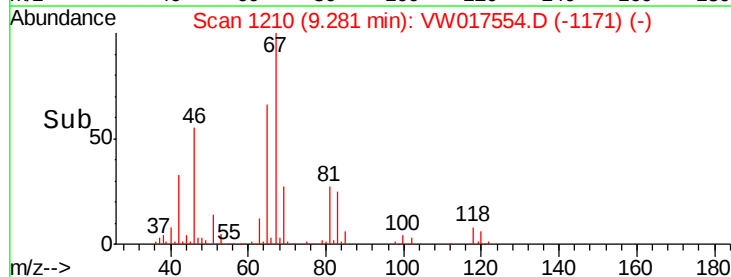
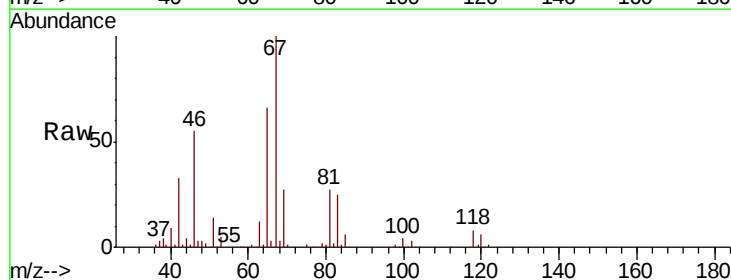
Acq: 04 Dec 2020 14:30

Tgt Ion: 63 Resp: 15818

Ion Ratio Lower Upper

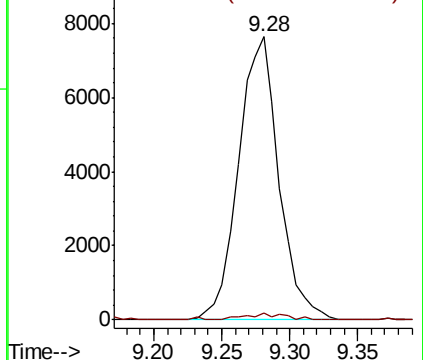
63 100

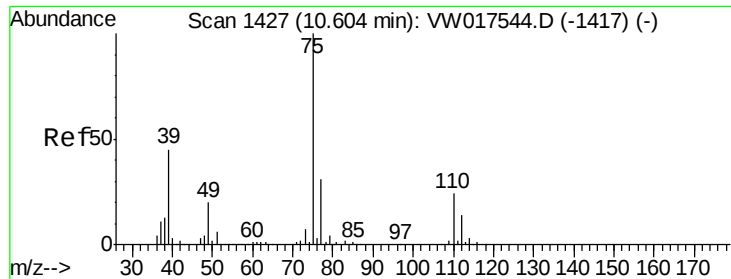
112 1.5 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.372 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017554.D

Acq: 04 Dec 2020 14:30

Instrument :

MSVOA_W

ClientSampleId :

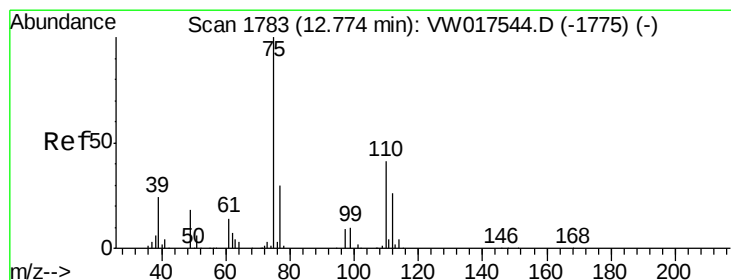
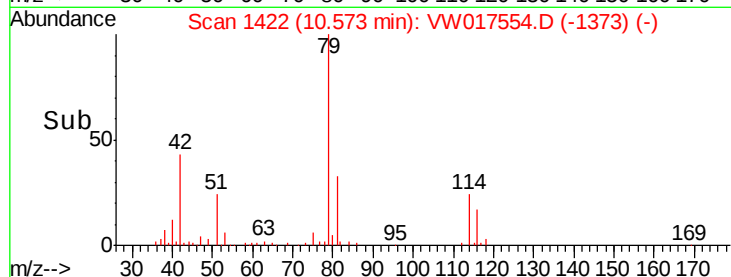
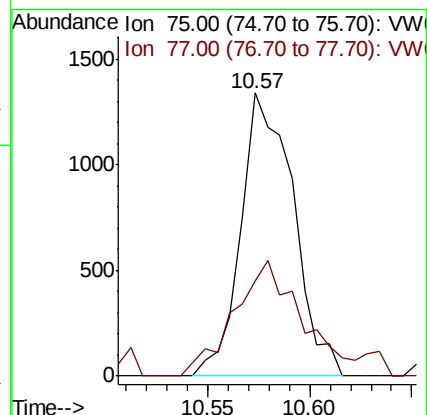
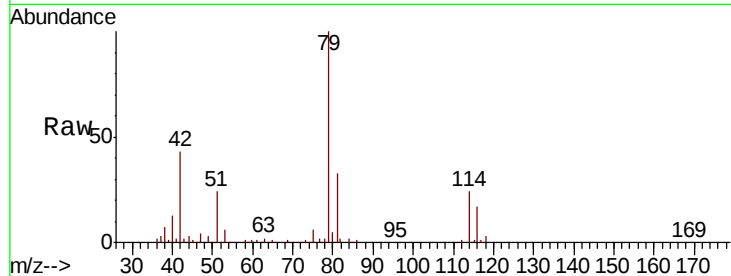
C0AY4

Tot Ion: 75 Resp: 2386

Ion Ratio Lower Upper

75 100

77 33.6 22.6 42.0



#59

1,2,3-Trichloropropane

Concen: 5.233 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017554.D

Acq: 04 Dec 2020 14:30

Tgt Ion: 75 Resp: 15107

Ion Ratio Lower Upper

75 100

77 35.1 26.6 39.8

