

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016706.D
 Acq On : 30 Sep 2020 11:51
 Operator : SY/VA
 Sample : L4184-02
 Misc : 4.68G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AJ7

Quant Time: Oct 01 05:06:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	675113	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	602678	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	288217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	125583	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.88%
7) Chloroethane-d5	2.91	69	118405	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.76%
10) 1,1-Dichloroethene-d2	4.03	63	206339	14.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.48%
20) 2-Butanone-d5	7.09	46	66552	37.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.70%
24) Chloroform-d	7.66	84	329341	23.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	8.31	65	164505	22.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.76%
29) Benzene-d6	8.28	84	648272	23.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.92%
33) 1,2-Dichloropropane-d6	9.28	67	180552	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.60%
37) Toluene-d8	10.33	98	608673	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.59	79	71542	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.52%
39) 2-Hexanone-d5	10.93	63	53791	40.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136034	21.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	228781	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds

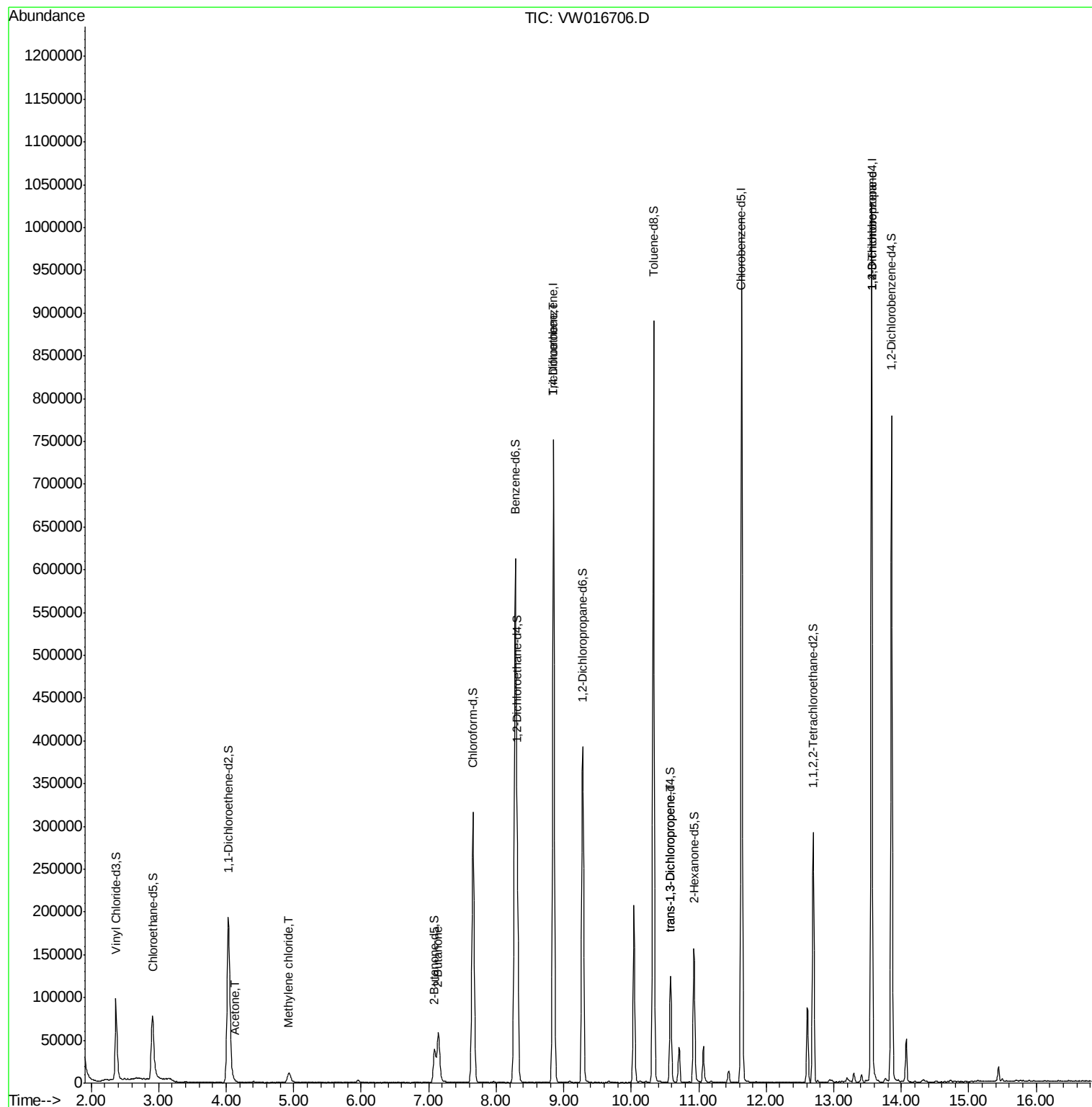
					Ovalue
13) Acetone	4.14	43	1316	0.943 ug/L	90
16) Methylene chloride	4.93	84	10782	1.035 ug/L	87
21) 2-Butanone	7.15	43	3155	1.329 ug/L #	61
35) Trichloroethene	8.85	95	19596	2.097 ug/L #	2
45) trans-1,3-Dichloropropene	10.59	75	3236	0.290 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	29249	5.548 ug/L	93

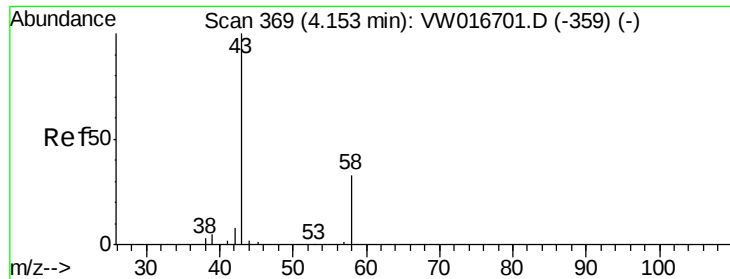
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.943 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016706.D

Acq: 30 Sep 2020 11:51

Instrument :

MSVOA_W

ClientSampled :

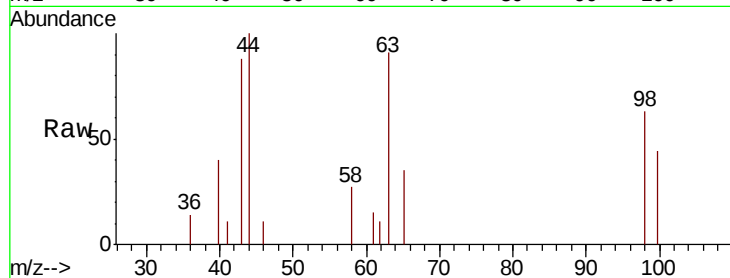
C0AJ7

Tot Ion: 43 Resp: 1316

Ion Ratio Lower Upper

43 100

58 24.5 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

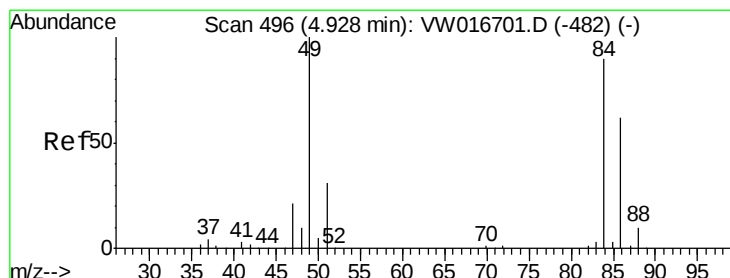
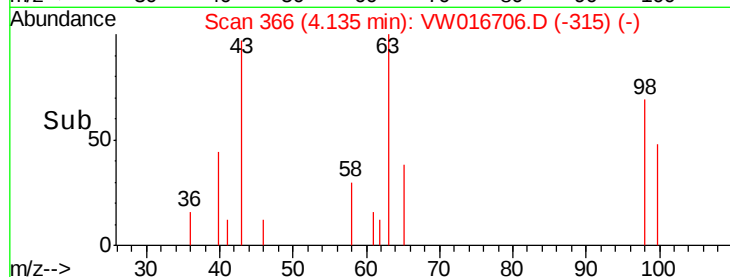
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 1.035 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016706.D

Acq: 30 Sep 2020 11:51

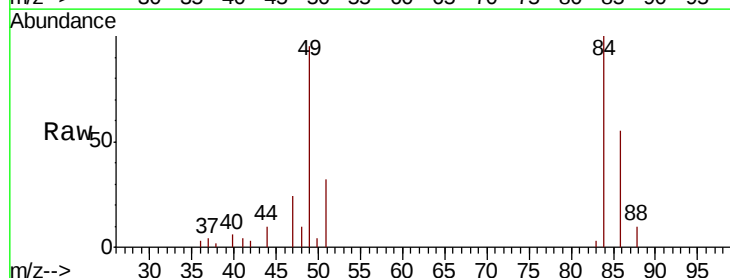
Tgt Ion: 84 Resp: 10782

Ion Ratio Lower Upper

84 100

49 94.7 76.0 141.2

86 54.8 45.6 84.6



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

4000

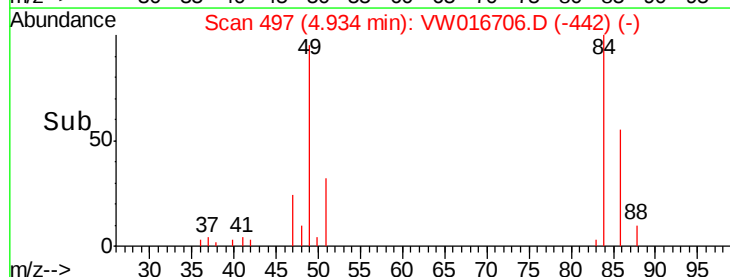
3000

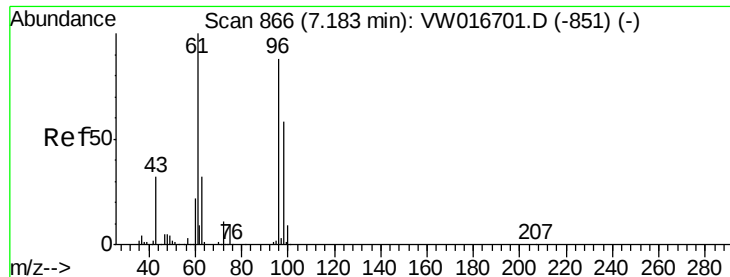
2000

1000

0

Time-->





#21

2-Butanone

Concen: 1.329 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW016706.D

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Instrument :

MSVOA_W

ClientSampleId :

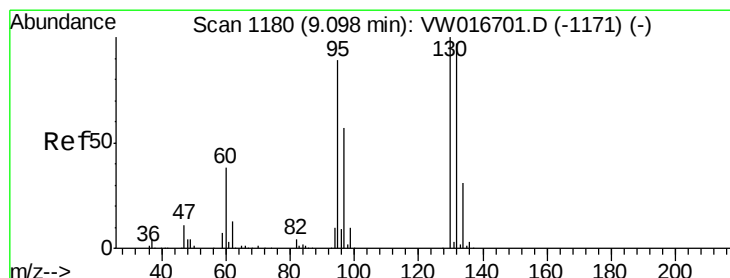
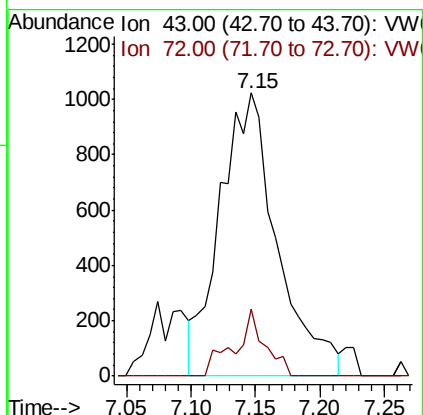
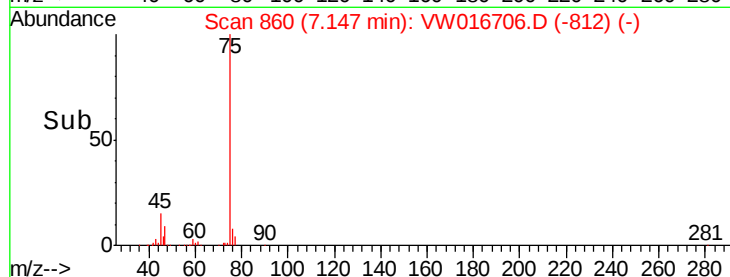
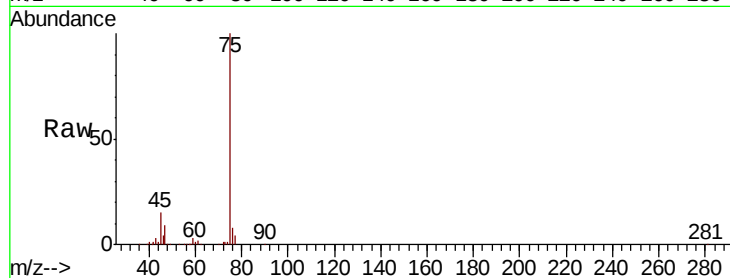
C0AJ7

Tot Ion: 43 Resp: 3155

Ion Ratio Lower Upper

43 100

72 8.2 14.6 43.8#



#35

Trichloroethene

Concen: 2.097 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016706.D

Acq: 30 Sep 2020 11:51

Tgt Ion: 95 Resp: 19596

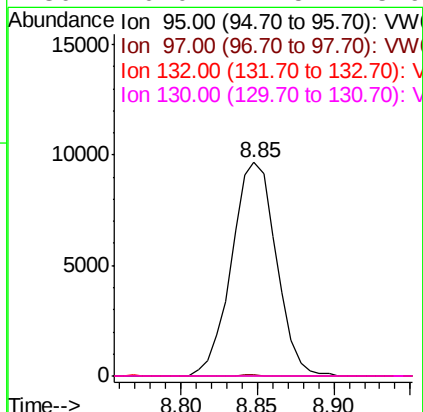
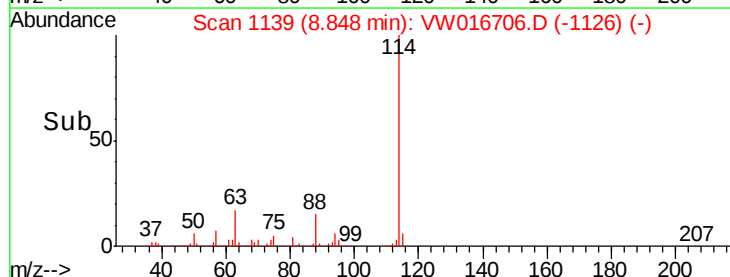
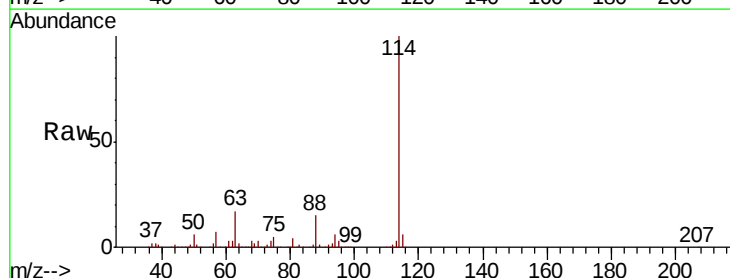
Ion Ratio Lower Upper

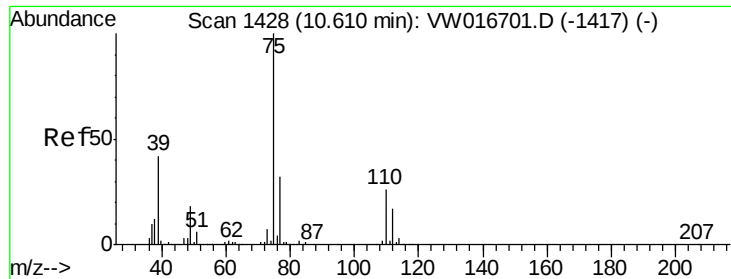
95 100

97 0.3 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#





#45

trans-1,3-Dichloropropene

Concen: 0.290 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016706.D

Acq: 30 Sep 2020 11:51

Instrument :

MSVOA_W

ClientSampled :

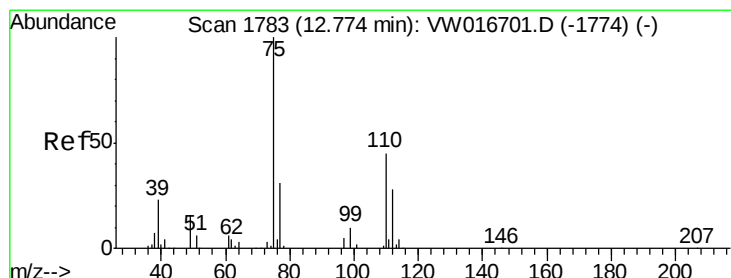
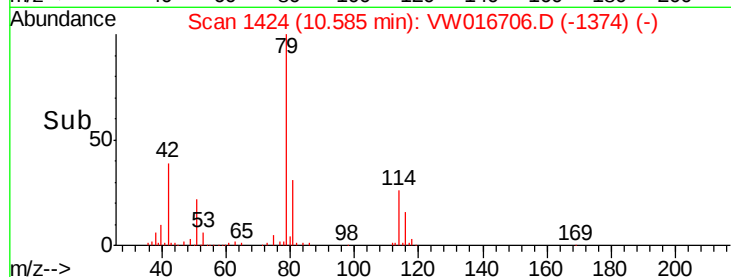
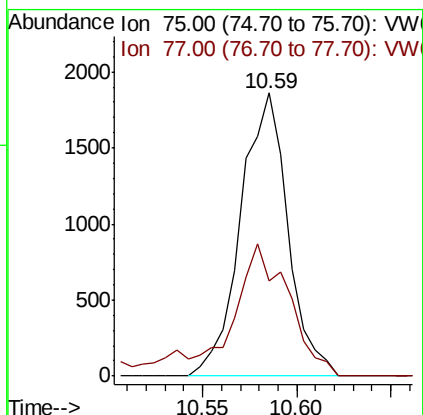
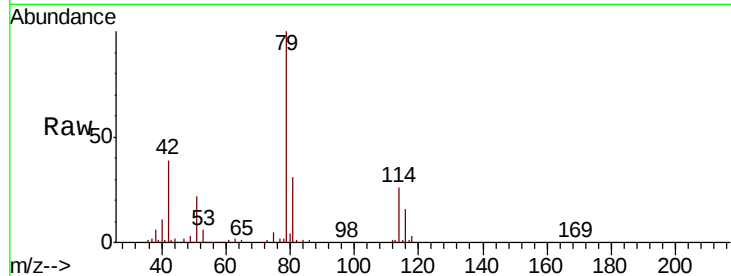
C0AJ7

Tot Ion: 75 Resp: 3236

Ion Ratio Lower Upper

75 100

77 33.9 22.5 41.9



#59

1,2,3-Trichloropropane

Concen: 5.548 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016706.D

Acq: 30 Sep 2020 11:51

Tgt Ion: 75 Resp: 29249

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.4

