

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015485.D
 Acq On : 26 May 2020 20:46
 Operator : SY/VA
 Sample : L2754-03
 Misc : 12.18G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:08:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	316151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257709	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85284	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95290	32.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.56%
7) Chloroethane-d5	2.89	69	91525	31.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.04%
10) 1,1-Dichloroethene-d2	4.02	63	141464	20.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.16%
20) 2-Butanone-d5	7.08	46	89524	94.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	189.28%#
24) Chloroform-d	7.65	84	210595	28.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	8.31	65	142506	35.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	140.16%#
29) Benzene-d6	8.27	84	408862	32.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.40%
33) 1,2-Dichloropropane-d6	9.27	67	131066	34.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.48%#
37) Toluene-d8	10.32	98	357287	29.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.32%
38) trans-1,3-Dichloropropene-	10.58	79	58510	32.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	131.72%
39) 2-Hexanone-d5	10.93	63	74028	111.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	222.66%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	119895	41.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	165.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	82091	28.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.88%

Target Compounds

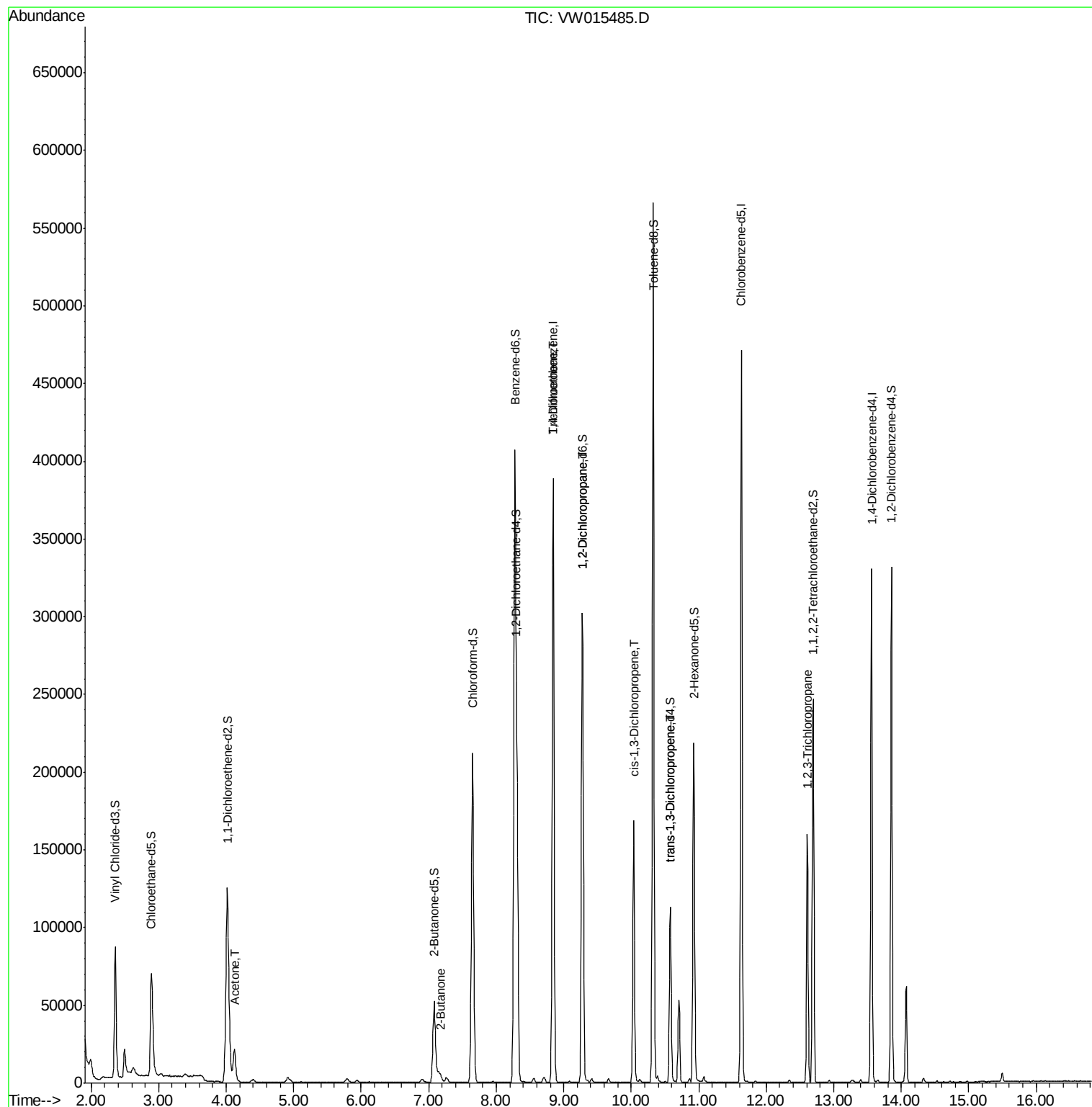
					Ovalue
13) Acetone	4.12	43	35353	48.346	ug/L 98
21) 2-Butanone	7.18	43	4999	4.450	ug/L 75
35) Trichloroethene	8.84	95	10083	2.605	ug/L # 5
40) 1,2-Dichloropropane	9.27	63	16103	4.537	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	4392	0.773	ug/L # 64
45) trans-1,3-Dichloropropene	10.58	75	2849	0.576	ug/L # 76
59) 1,2,3-Trichloropropane	12.60	75	1559	0.715	ug/L # 50

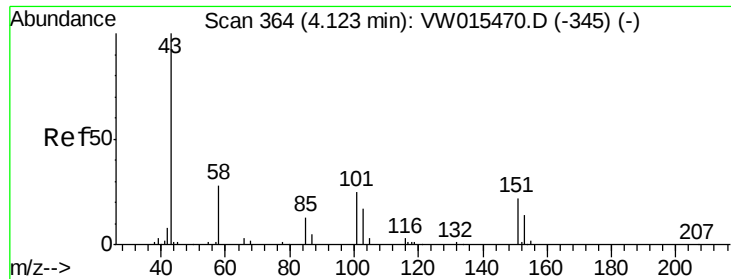
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: May 27 01:08:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 48.346 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015485.D

Acq: 26 May 2020 20:46

Instrument :

MSVOA_W

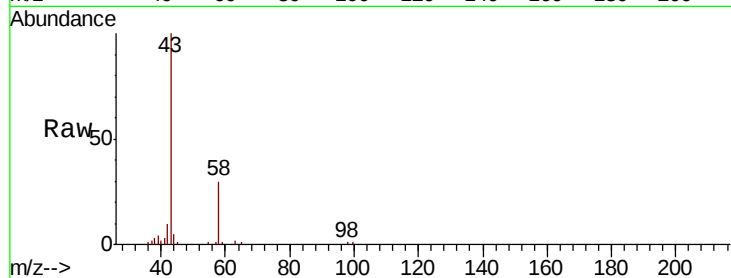
ClientSampled :

Tot Ion: 43 Resp: 35353

Ion Ratio Lower Upper

43 100

58 29.4 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

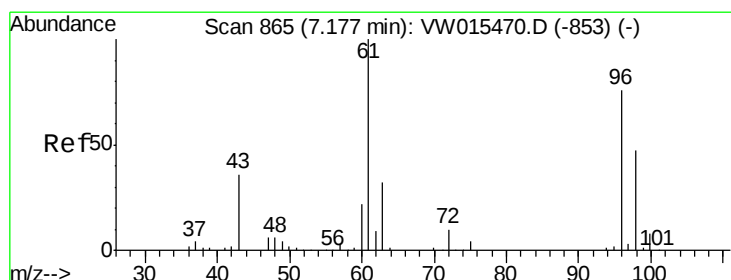
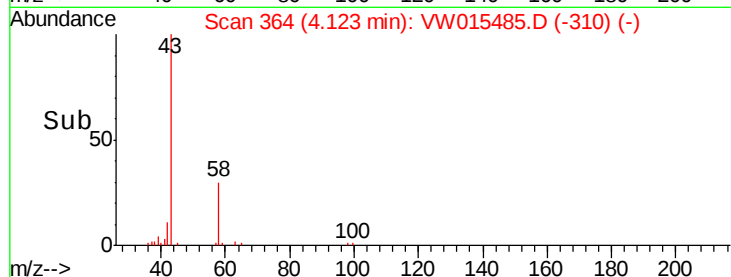
10000

5000

0

Time-->

4.00 4.10 4.20



#21

2-Butanone

Concen: 4.450 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015485.D

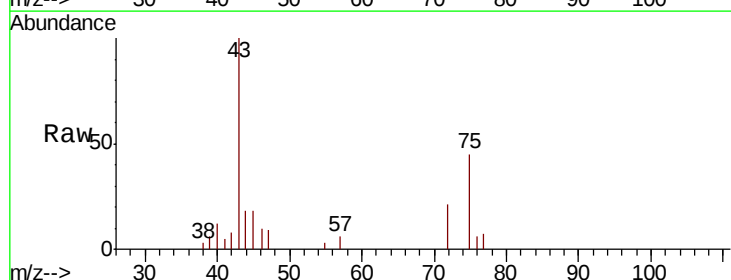
Acq: 26 May 2020 20:46

Tgt Ion: 43 Resp: 4999

Ion Ratio Lower Upper

43 100

72 13.8 13.3 39.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

2000

1500

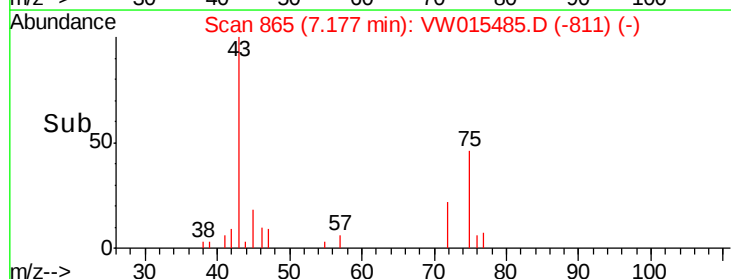
1000

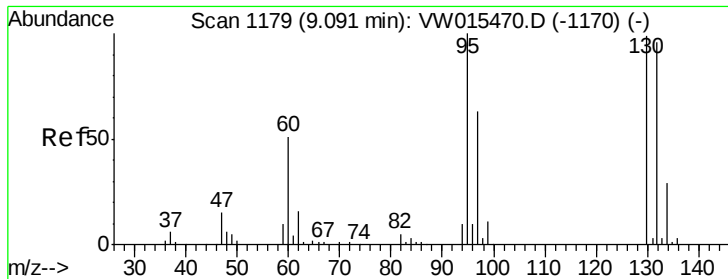
500

0

Time-->

7.10 7.15 7.20 7.25





#35

Trichloroethene

Concen: 2.605 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015485.D

Acq: 26 May 2020 20:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10083

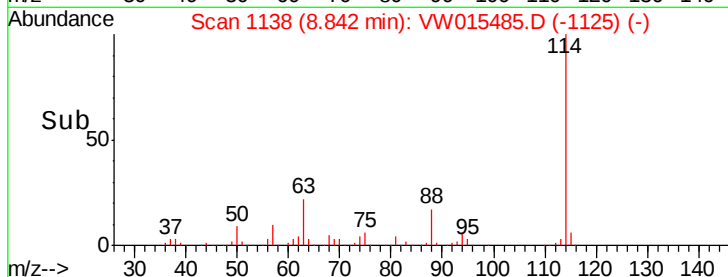
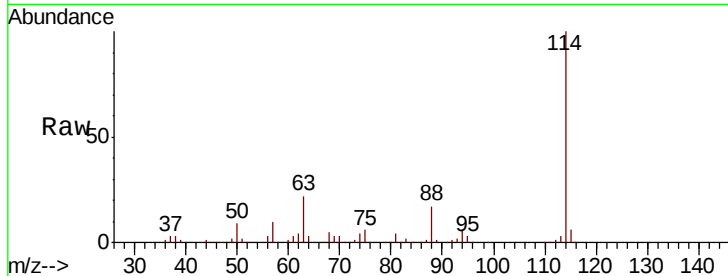
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

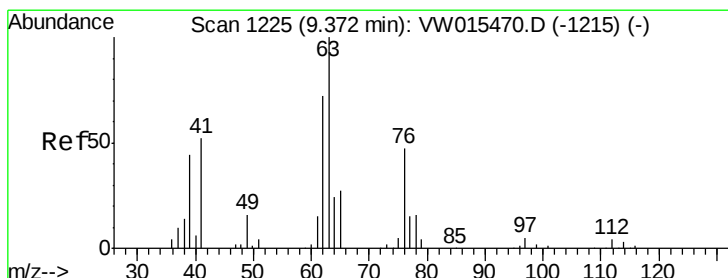
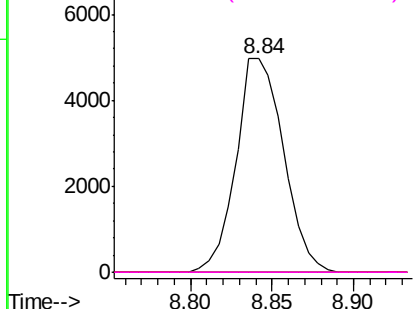


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.537 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015485.D

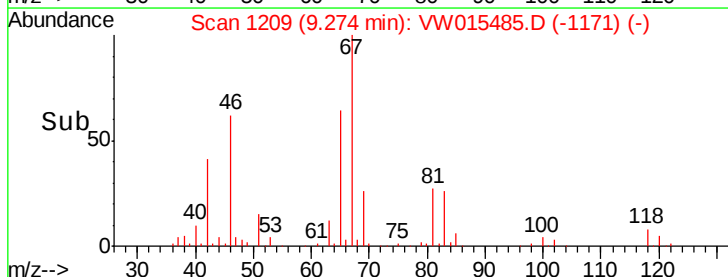
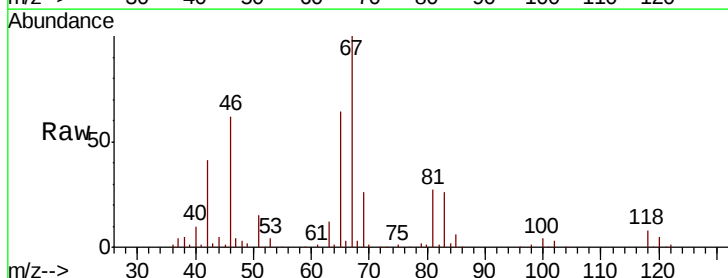
Acq: 26 May 2020 20:46

Tgt Ion: 63 Resp: 16103

Ion Ratio Lower Upper

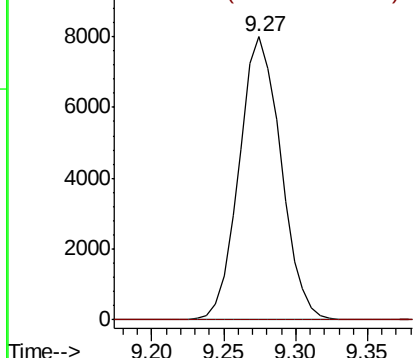
63 100

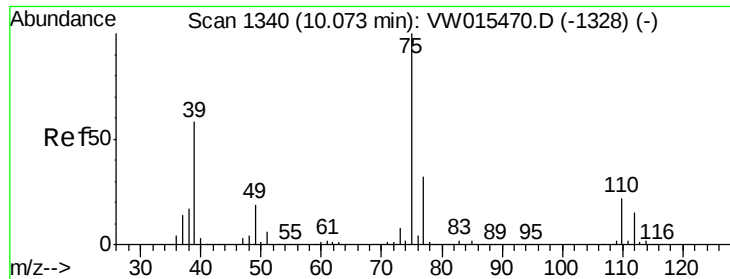
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.773 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015485.D

Acq: 26 May 2020 20:46

Instrument :

MSVOA_W

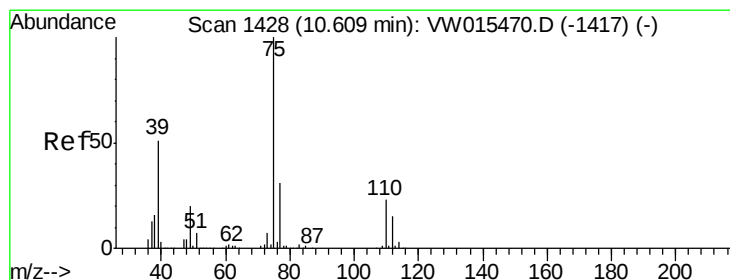
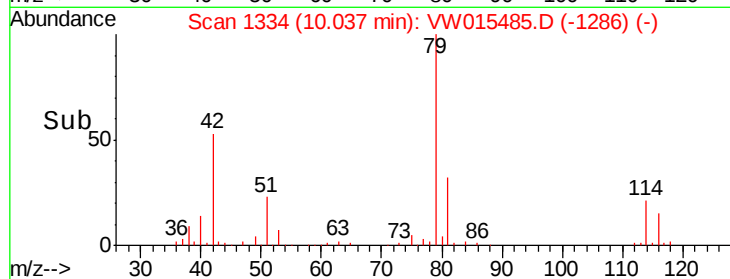
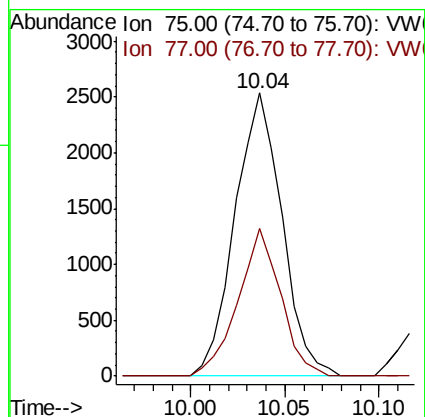
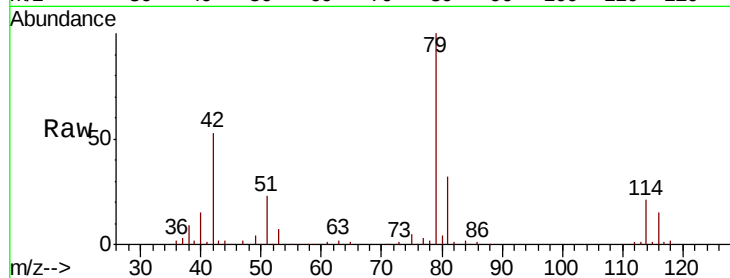
ClientSampleId :

Tot Ion: 75 Resp: 4392

Ion Ratio Lower Upper

75 100

77 52.1 22.3 41.5#



#45

trans-1,3-Dichloropropene

Concen: 0.576 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW015485.D

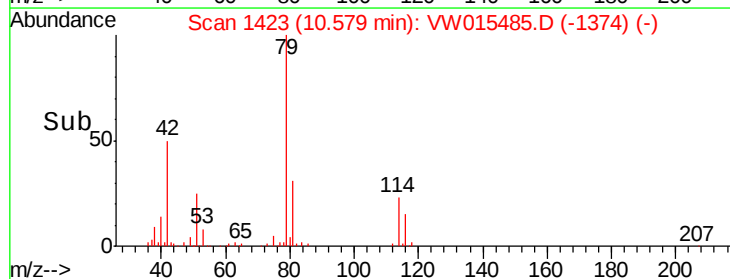
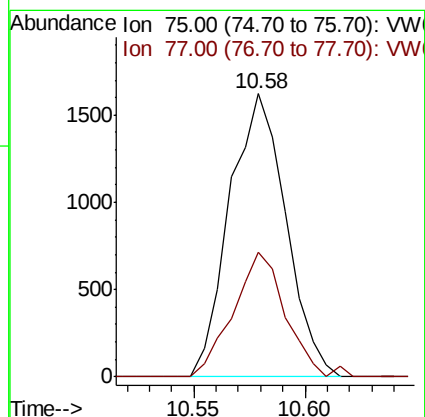
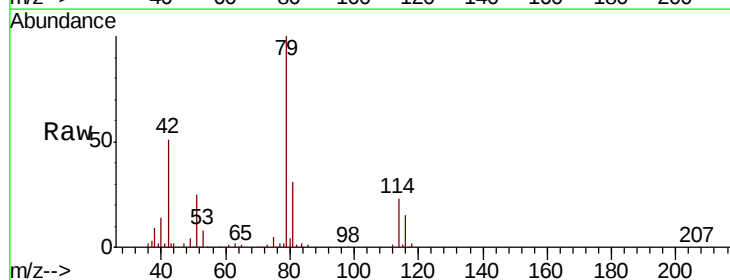
Acq: 26 May 2020 20:46

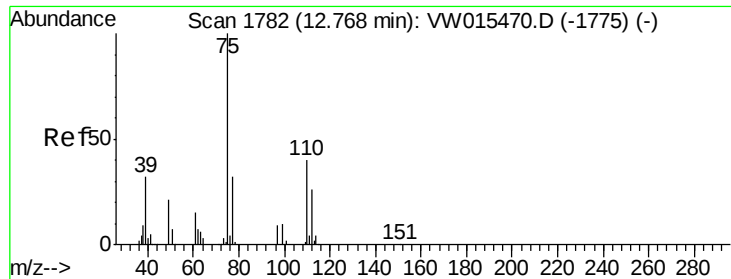
Tgt Ion: 75 Resp: 2849

Ion Ratio Lower Upper

75 100

77 43.8 21.5 39.9#





#59

1,2,3-Trichloropropane

Concen: 0.715 ug/L

RT: 12.60 min Scan# 1755

Delta R.T. -0.16 min

Lab File: VW015485.D

Acq: 26 May 2020 20:46

Instrument :

MSVOA_W

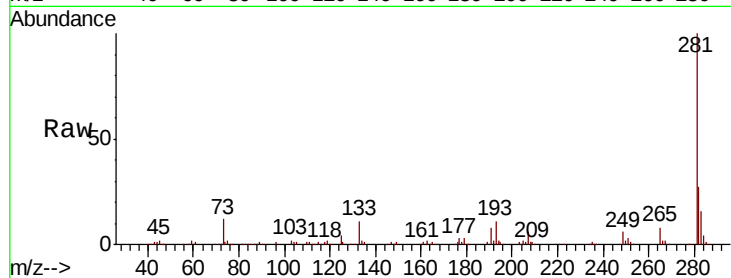
ClientSampleId :

Tot Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

77 4.3 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

