

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015479.D
 Acq On : 26 May 2020 18:26
 Operator : SY/VA
 Sample : L2753-04RE
 Misc : 5.30G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:08:08 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	346500	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292383	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99253	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90592	28.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.12%
7) Chloroethane-d5	2.90	69	100136	31.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.84%
10) 1,1-Dichloroethene-d2	4.01	63	155581	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	7.08	46	89015	85.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.72%#
24) Chloroform-d	7.65	84	220856	27.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.24%
26) 1,2-Dichloroethane-d4	8.31	65	143855	32.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.08%
29) Benzene-d6	8.27	84	431729	30.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.44%
33) 1,2-Dichloropropane-d6	9.27	67	135875	31.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.72%#
37) Toluene-d8	10.32	98	388173	27.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.36%
38) trans-1,3-Dichloropropene-	10.58	79	64224	31.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	127.44%
39) 2-Hexanone-d5	10.93	63	76069	100.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	201.66%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125492	38.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	153.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	93940	28.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.96%

Target Compounds

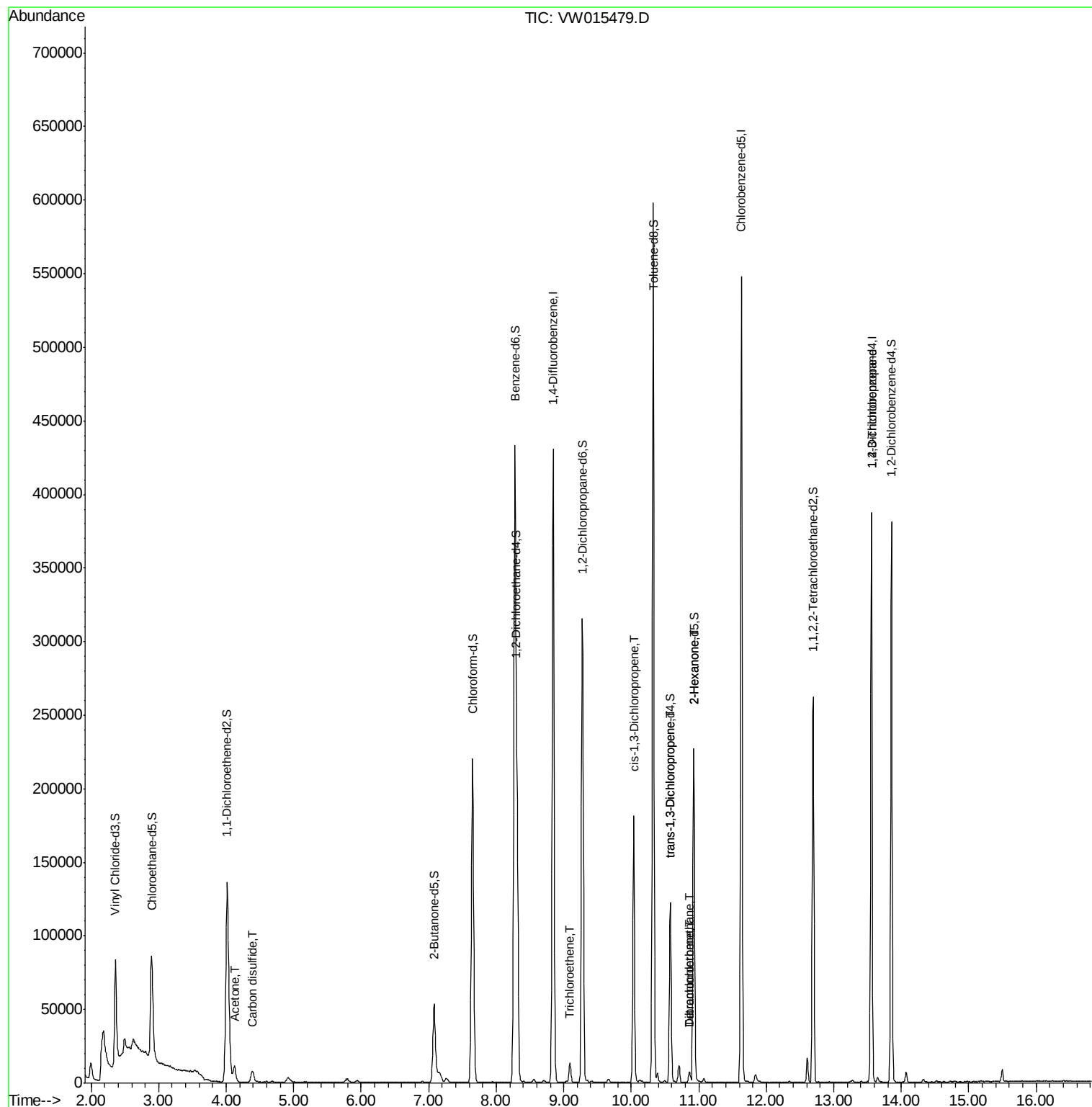
					Ovalue
13) Acetone	4.12	43	16691	20.826	ug/L 98
14) Carbon disulfide	4.39	76	14550	1.056	ug/L 99
35) Trichloroethene	9.09	95	4050	0.922	ug/L 97
42) cis-1,3-Dichloropropene	10.04	75	4664	0.724	ug/L # 62
45) trans-1,3-Dichloropropene	10.58	75	3063	0.546	ug/L 99
47) Tetrachloroethene	10.86	164	1659	0.477	ug/L 93
49) 2-Hexanone	10.93	43	9904	6.216	ug/L # 66
50) Dibromochloromethane	10.86	129	1624	0.475	ug/L # 12
59) 1,2,3-Trichloropropane	13.55	75	12765	5.162	ug/L 89

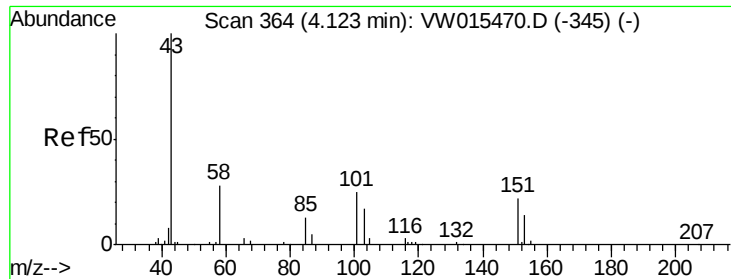
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 20.826 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015479.D

Acq: 26 May 2020 18:26

Instrument :

MSVOA_W

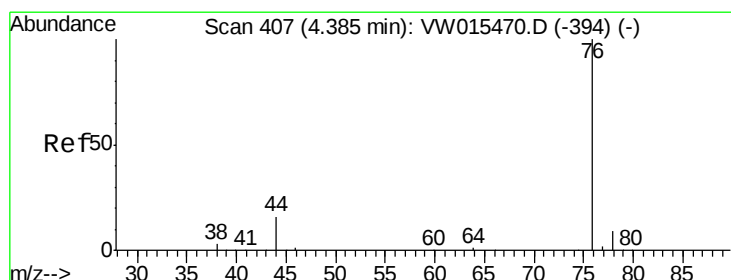
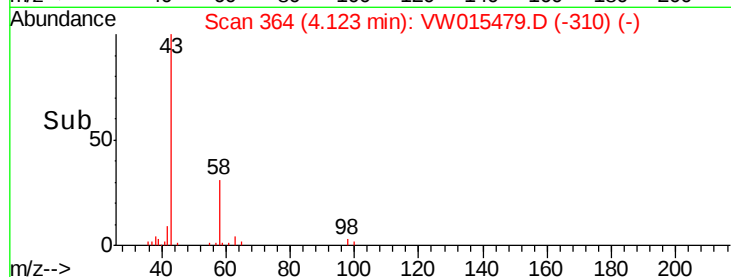
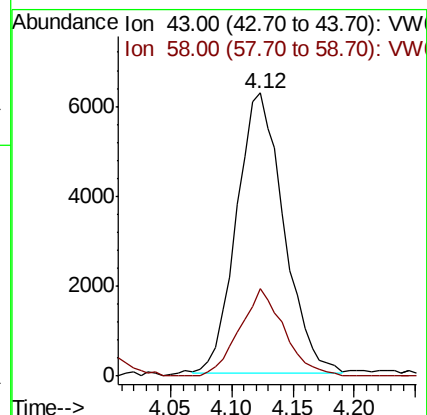
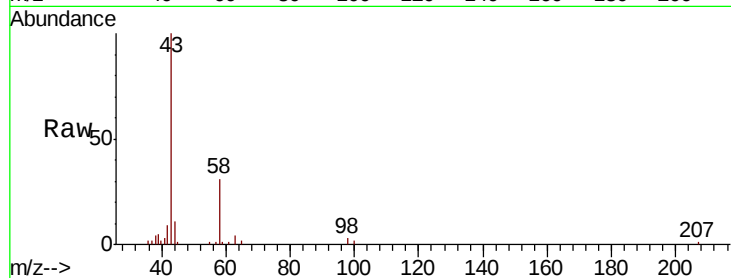
ClientSampleId :

Tot Ion: 43 Resp: 16691

Ion Ratio Lower Upper

43 100

58 29.5 0.0 56.8



#14

Carbon disulfide

Concen: 1.056 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015479.D

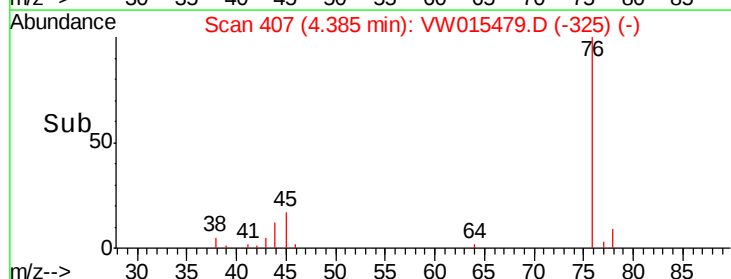
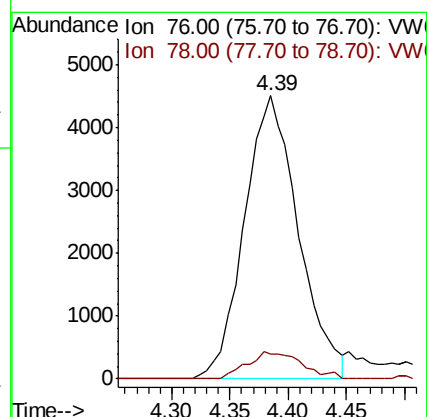
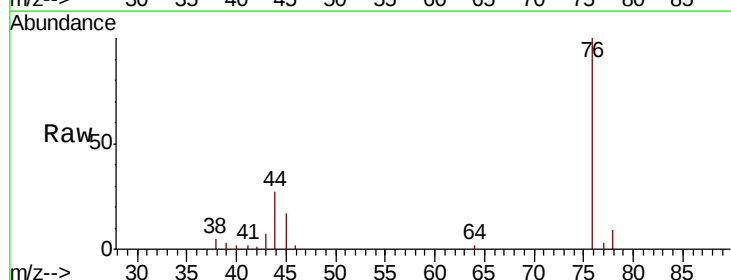
Acq: 26 May 2020 18:26

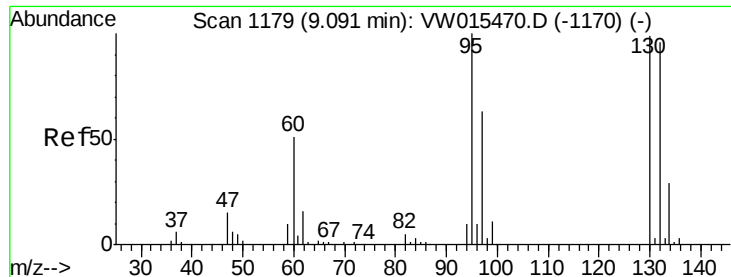
Tgt Ion: 76 Resp: 14550

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9





#35

Trichloroethene

Concen: 0.922 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015479.D

Acq: 26 May 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 4050

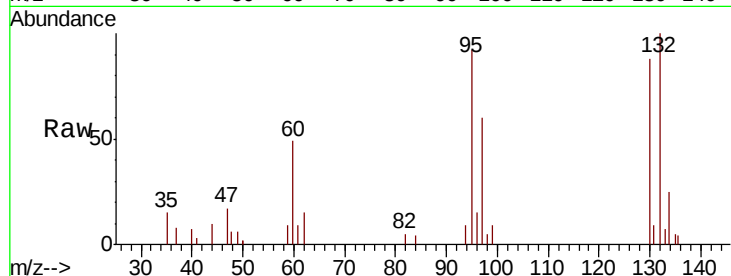
Ion Ratio Lower Upper

95 100

97 66.5 45.4 84.2

132 100.4 67.1 124.7

130 100.5 69.4 128.8

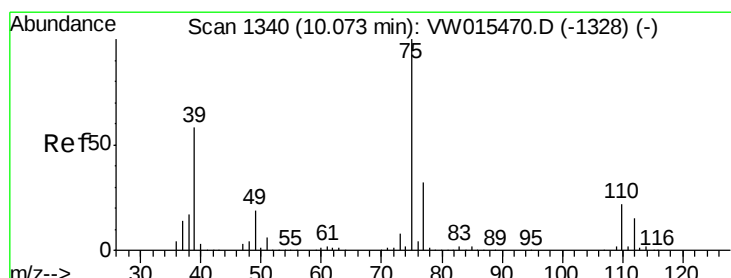
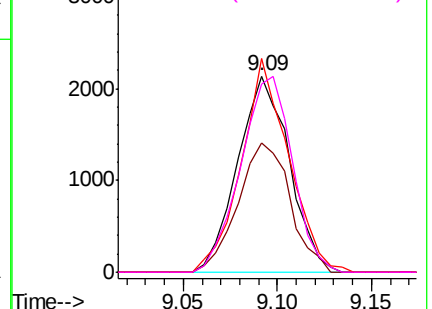
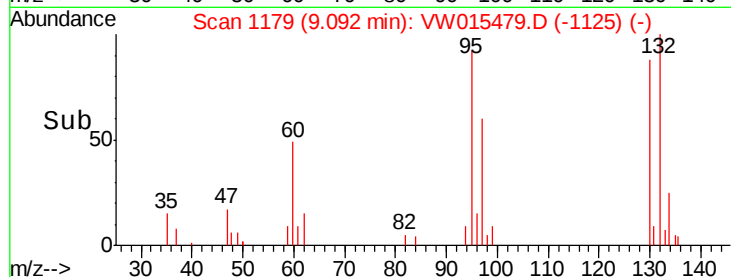


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.724 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015479.D

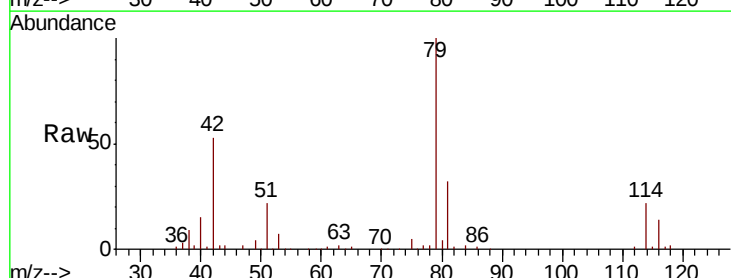
Acq: 26 May 2020 18:26

Tgt Ion: 75 Resp: 4664

Ion Ratio Lower Upper

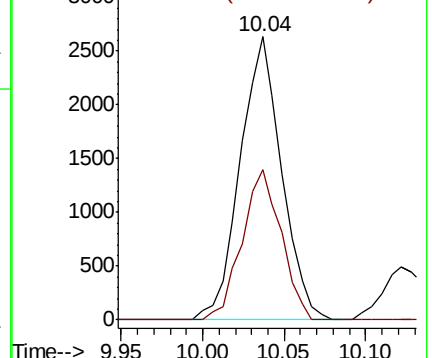
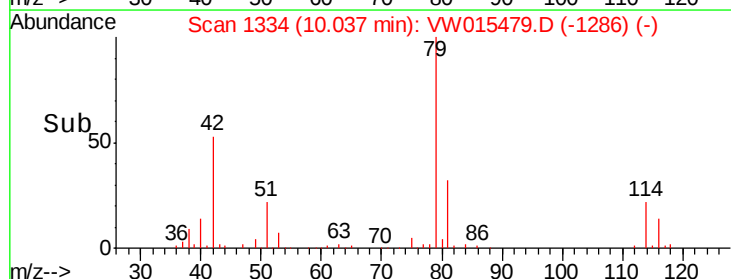
75 100

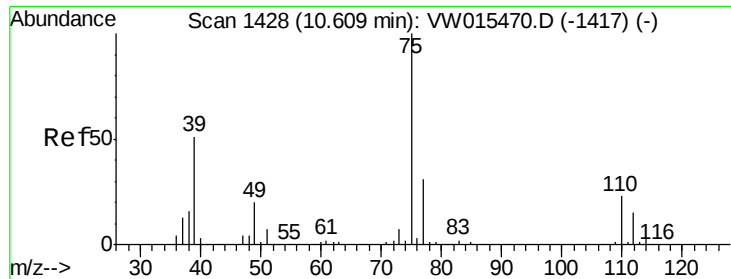
77 53.3 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.546 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW015479.D

Acq: 26 May 2020 18:26

Instrument :

MSVOA_W

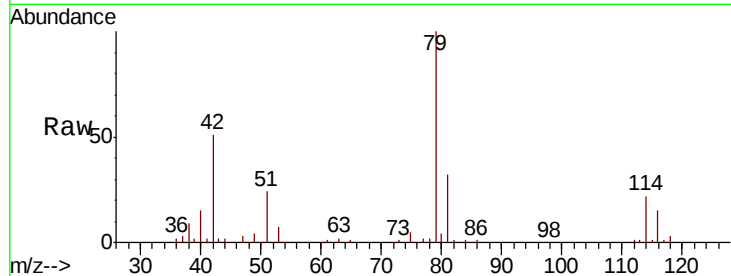
ClientSampleId :

Tot Ion: 75 Resp: 3063

Ion Ratio Lower Upper

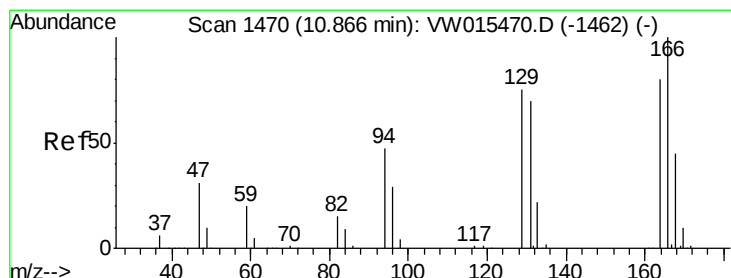
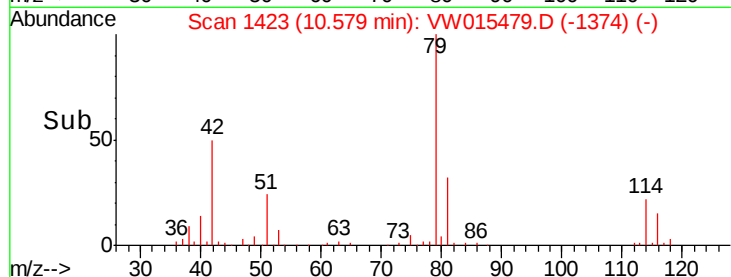
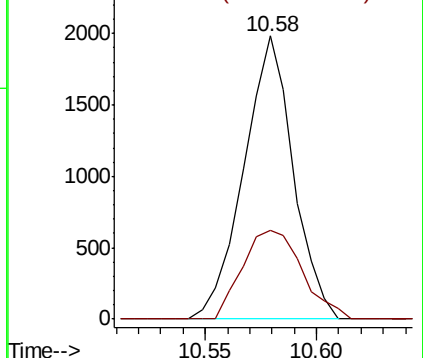
75 100

77 31.3 21.5 39.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 0.477 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW015479.D

Acq: 26 May 2020 18:26

Tgt Ion: 164 Resp: 1659

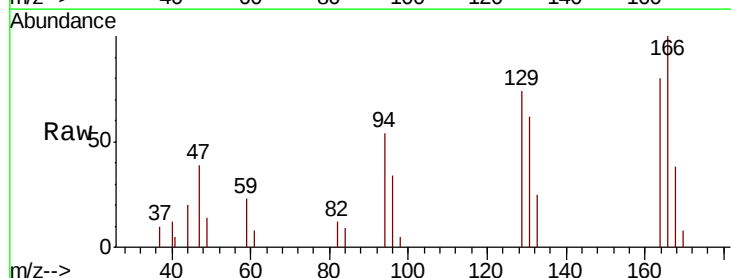
Ion Ratio Lower Upper

164 100

129 92.5 66.3 123.1

131 76.8 65.1 120.9

166 124.7 90.8 168.6

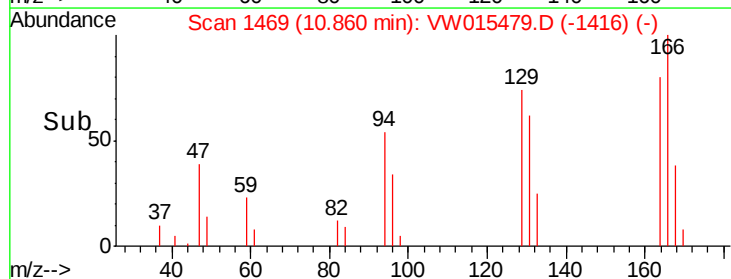
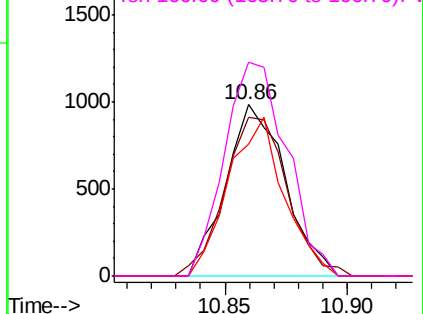


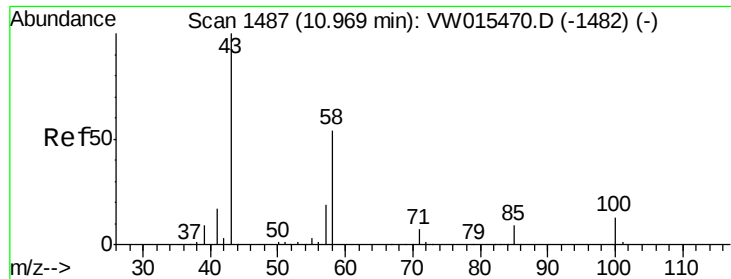
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

2-Hexanone

Concen: 6.216 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015479.D

Acq: 26 May 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 9904

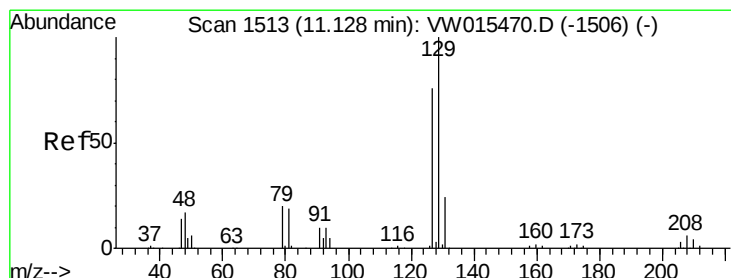
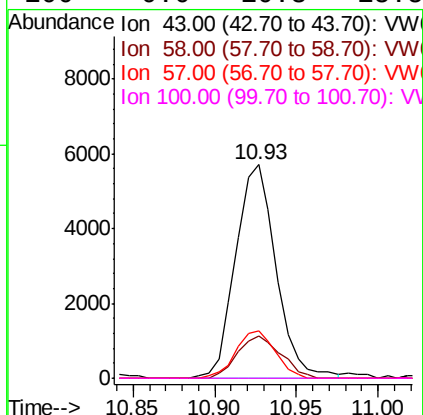
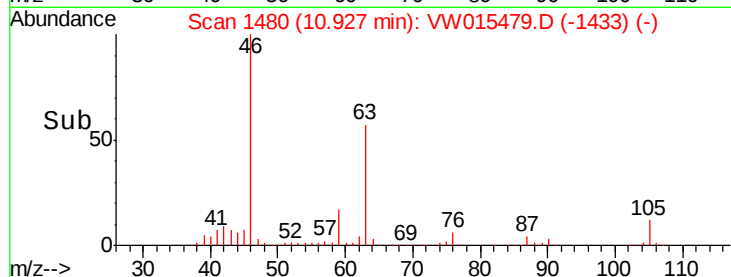
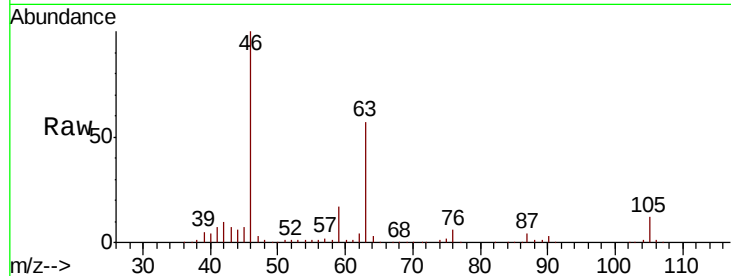
Ion Ratio Lower Upper

43 100

58 21.1 42.6 64.0#

57 21.6 15.5 23.3

100 0.0 10.3 15.5#



#50

Dibromochloromethane

Concen: 0.475 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW015479.D

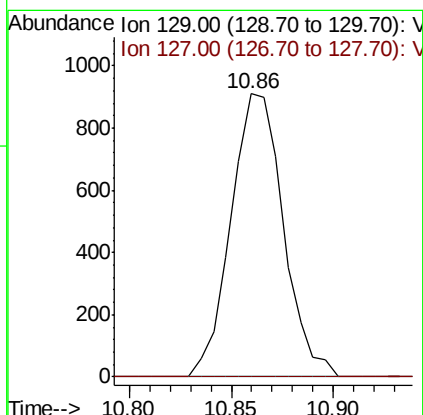
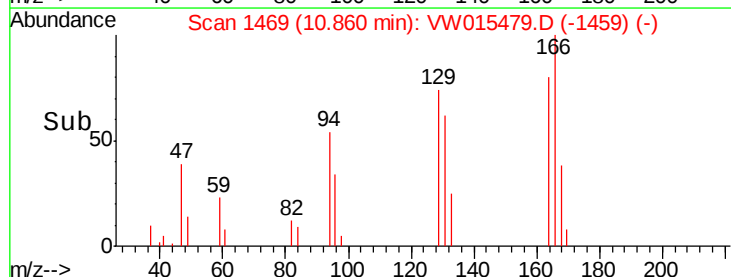
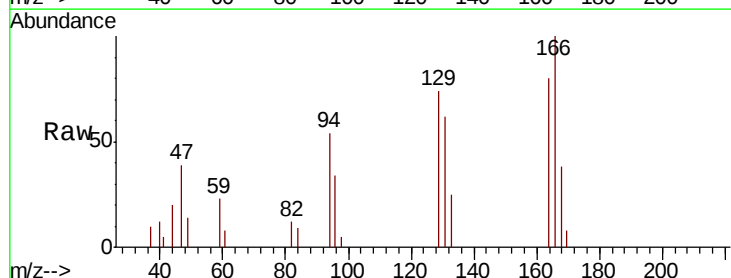
Acq: 26 May 2020 18:26

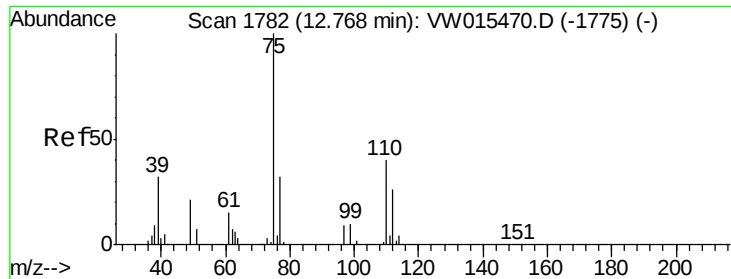
Tgt Ion: 129 Resp: 1624

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#





#59

1,2,3-Trichloropropane

Concen: 5.162 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015479.D

Acq: 26 May 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 12765

Ion Ratio Lower Upper

75 100

77 38.4 25.9 38.9

