

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016829.D
 Acq On : 07 Oct 2020 12:30
 Operator : SY/VA
 Sample : L4235-18
 Misc : 3.59G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ4

Quant Time: Oct 08 08:40:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	565413	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	454051	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171079	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	147394	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.72%
7) Chloroethane-d5	2.90	69	128370	27.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.76%
10) 1,1-Dichloroethene-d2	4.03	63	220926	18.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.60%
20) 2-Butanone-d5	7.09	46	48296	38.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.46%
24) Chloroform-d	7.65	84	303276	25.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	8.31	65	146302	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.28	84	623019	30.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.84%
33) 1,2-Dichloropropane-d6	9.28	67	166715	30.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.32%#
37) Toluene-d8	10.33	98	563065	28.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.76%
38) trans-1,3-Dichloropropene-	10.58	79	60513	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.93	63	38991	45.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.98%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	104937	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	142953	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds

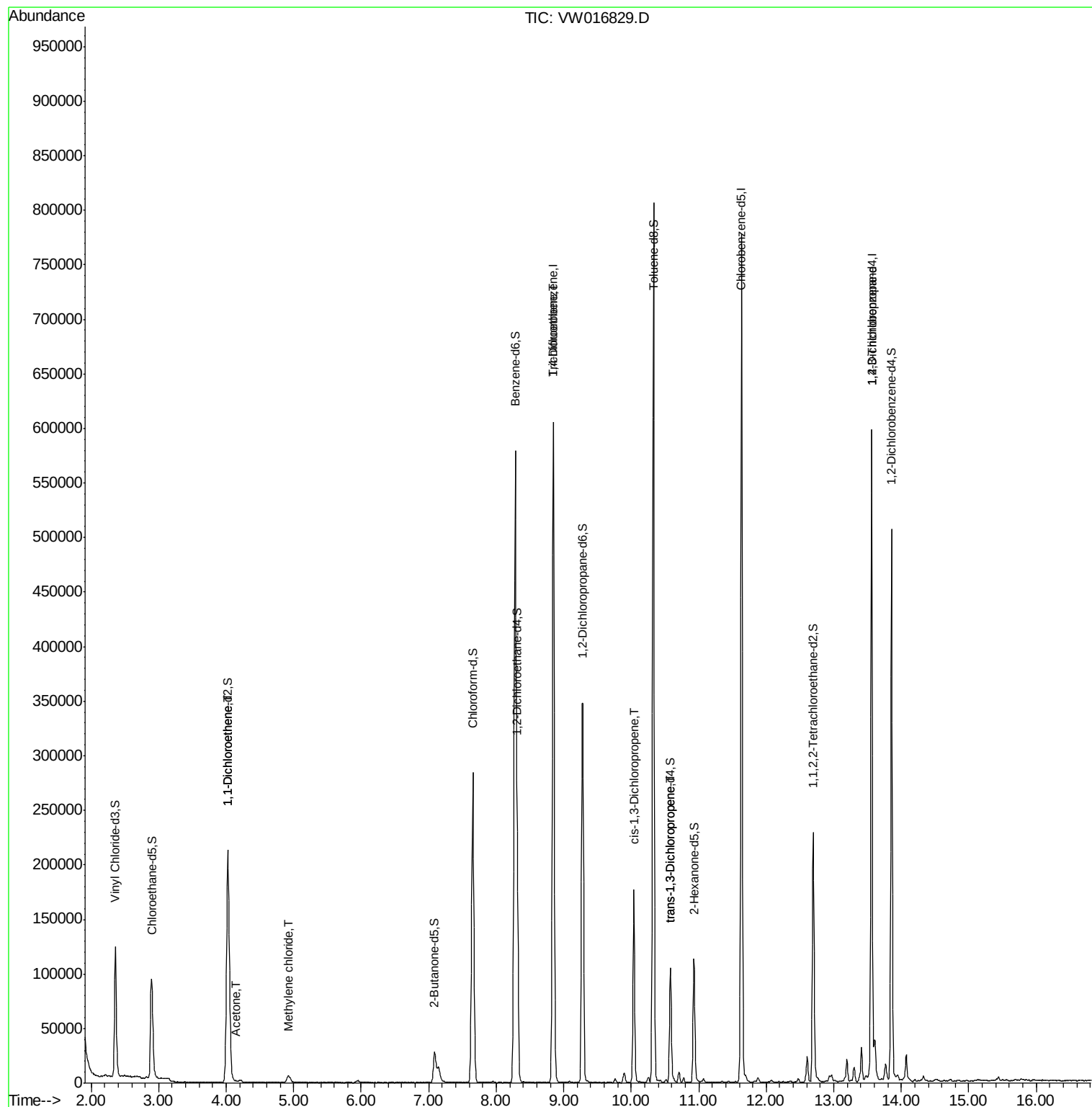
					Ovalue
12) 1,1-Dichloroethene	4.03	96	2035	0.278 ug/L #	1
13) Acetone	4.15	43	1655	1.731 ug/L	59
16) Methylene chloride	4.92	84	5801	0.743 ug/L	91
35) Trichloroethene	8.84	95	16070	2.330 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4633	0.527 ug/L #	70
45) trans-1,3-Dichloropropene	10.58	75	2697	0.365 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	17593	4.903 ug/L	92

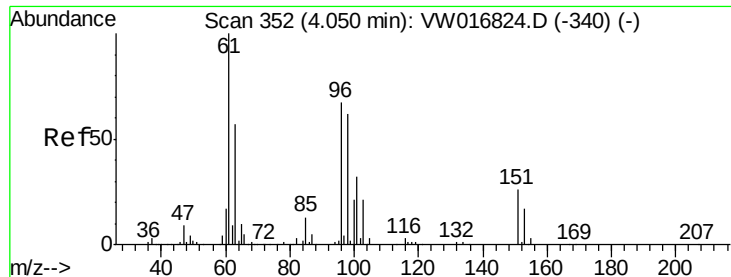
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.278 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW016829.D

Acq: 07 Oct 2020 12:30

Instrument :

MSVOA_W

ClientSampleId :

C0AQ4

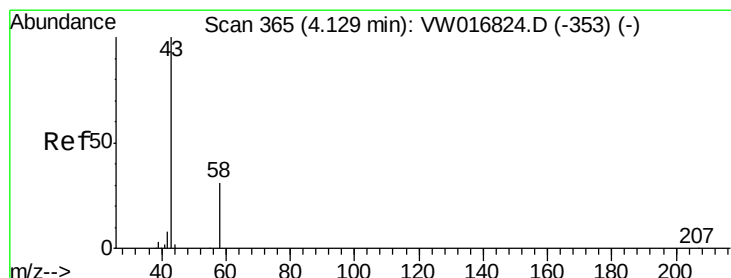
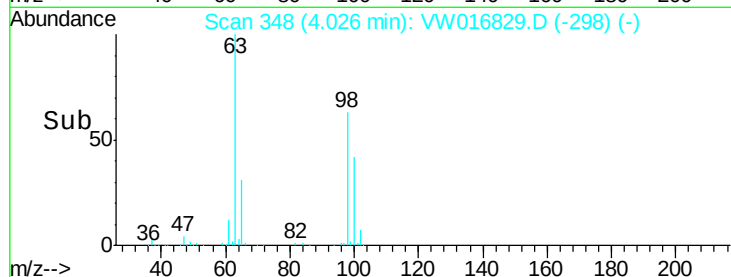
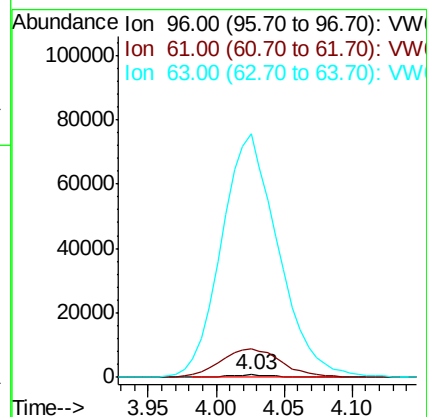
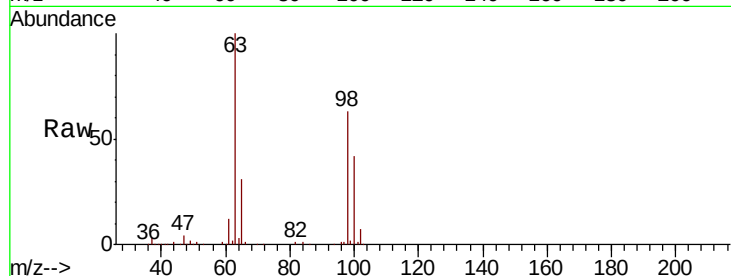
Tot Ion: 96 Resp: 2035

Ion Ratio Lower Upper

96 100

61 1105.3 105.1 195.1#

63 9237.2 69.9 129.7#



#13

Acetone

Concen: 1.731 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016829.D

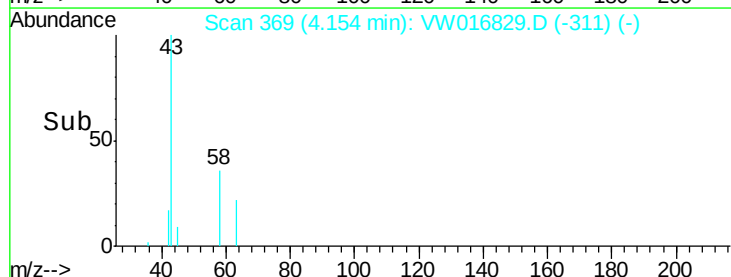
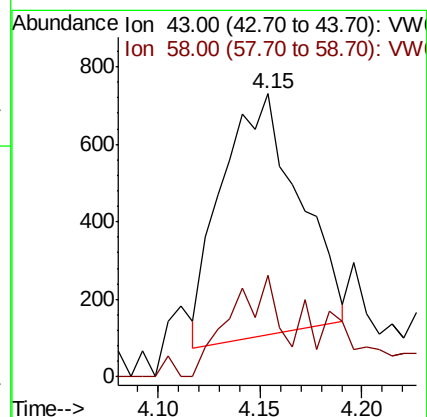
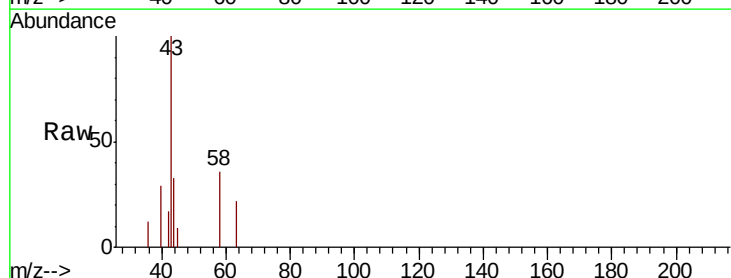
Acq: 07 Oct 2020 12:30

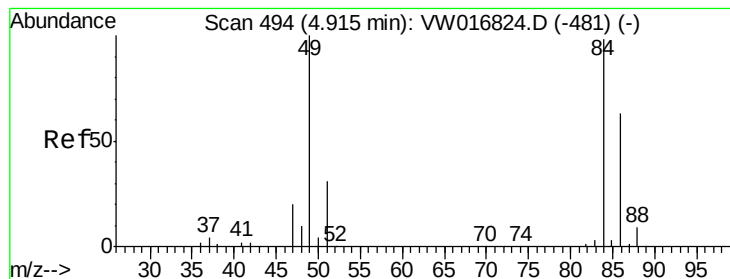
Tgt Ion: 43 Resp: 1655

Ion Ratio Lower Upper

43 100

58 10.3 0.0 67.6





#16

Methvlene chloride

Concen: 0.743 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016829.D

Acq: 07 Oct 2020 12:30

Instrument :

MSVOA_W

ClientSampleId :

C0AQ4

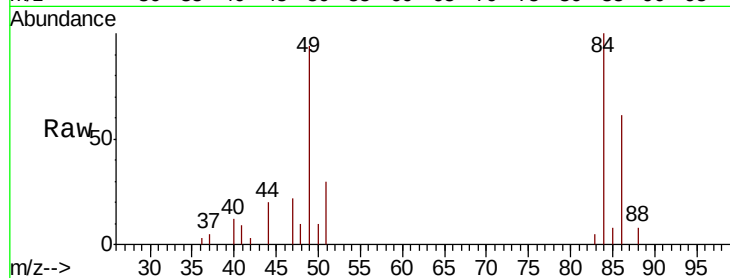
Tot Ion: 84 Resp: 5801

Ion Ratio Lower Upper

84 100

49 93.6 73.1 135.8

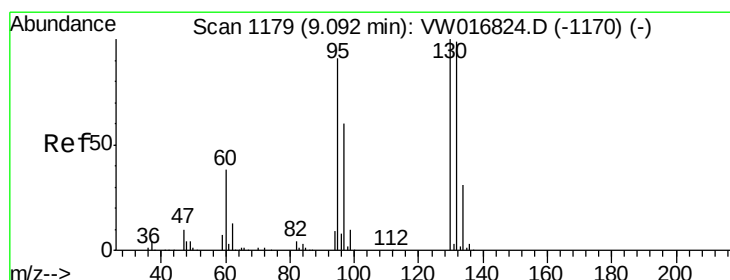
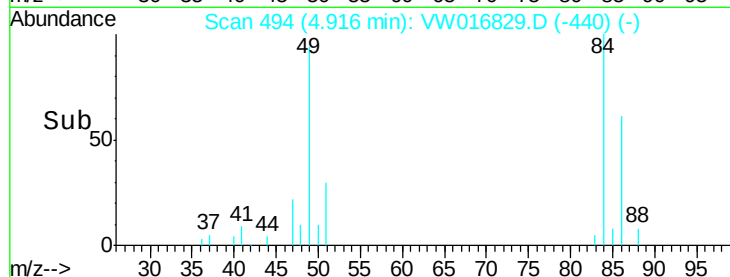
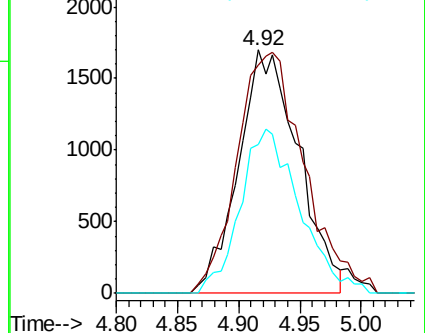
86 60.9 46.0 85.4



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: 2.330 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016829.D

Acq: 07 Oct 2020 12:30

Tgt Ion: 95 Resp: 16070

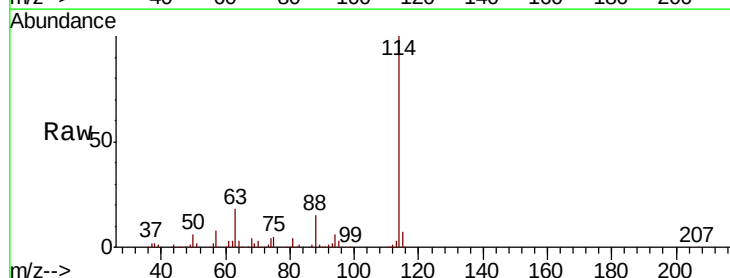
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#

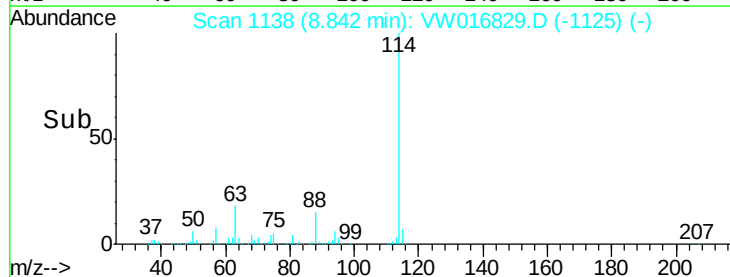
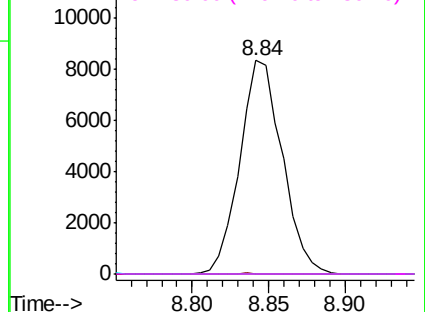


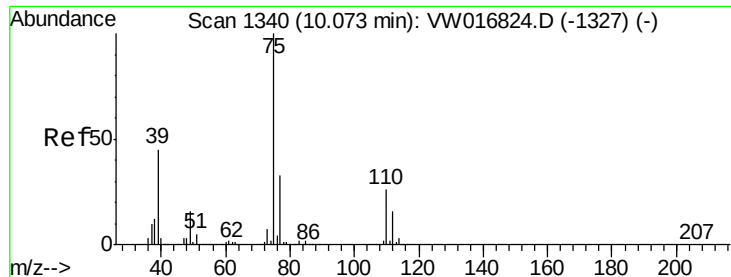
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016829.D

Acq: 07 Oct 2020 12:30

Instrument :

MSVOA_W

ClientSampled :

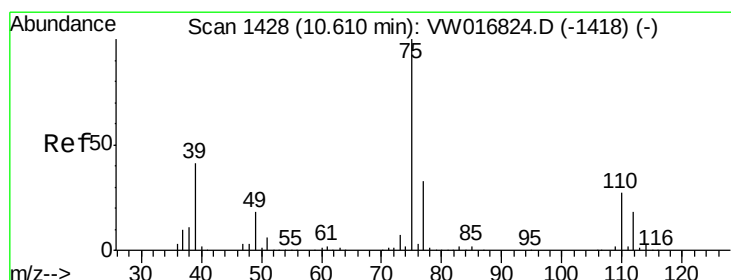
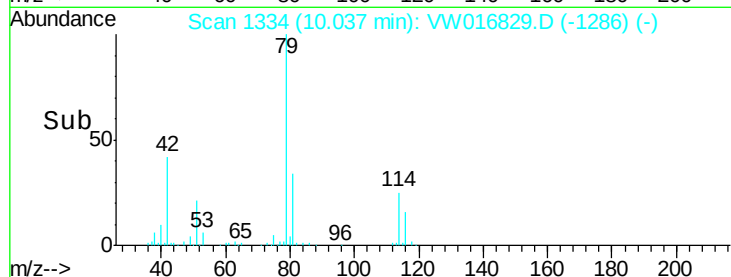
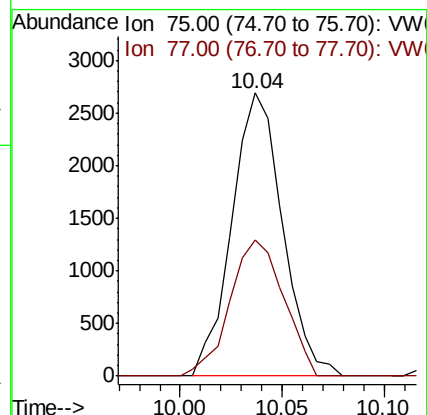
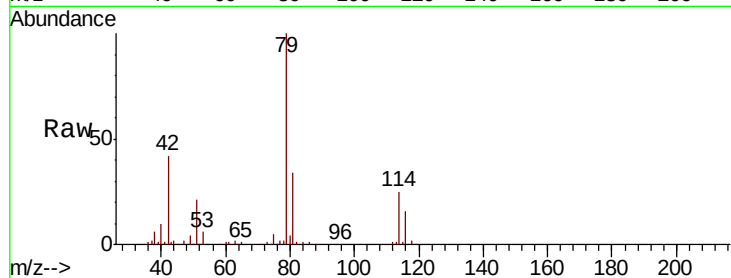
C0AQ4

Tot Ion: 75 Resp: 4633

Ion Ratio Lower Upper

75 100

77 48.0 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.365 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016829.D

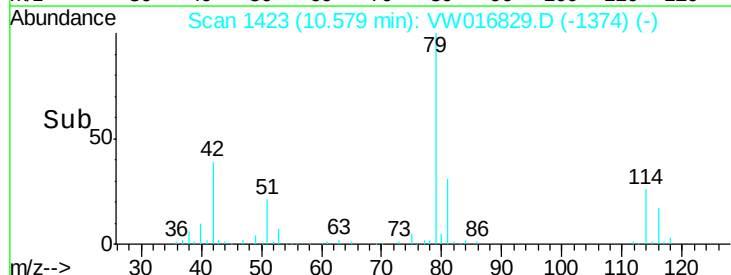
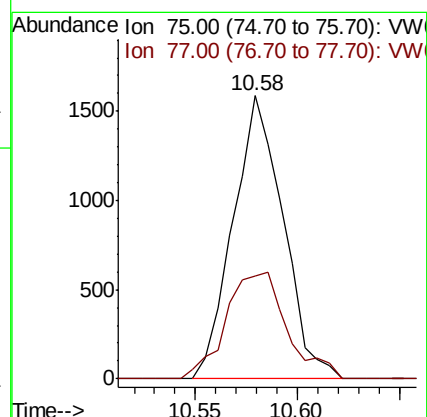
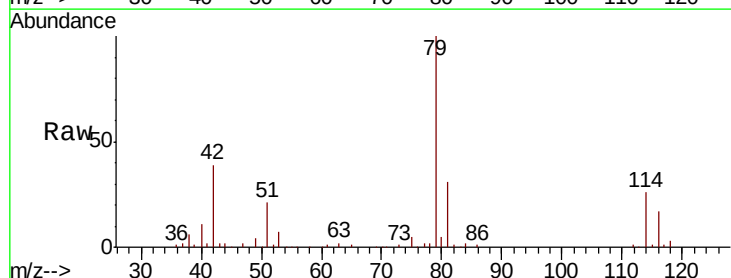
Acq: 07 Oct 2020 12:30

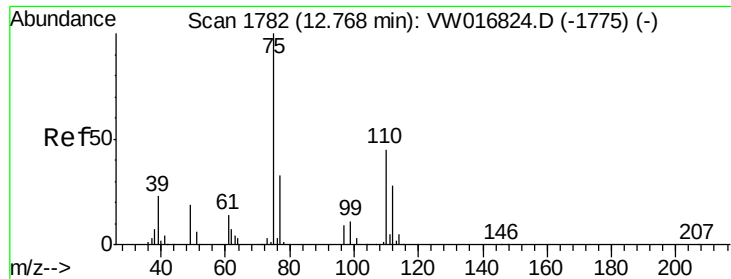
Tgt Ion: 75 Resp: 2697

Ion Ratio Lower Upper

75 100

77 36.3 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 4.903 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016829.D

Acq: 07 Oct 2020 12:30

Instrument :

MSVOA_W

ClientSampleId :

C0AQ4

Tot Ion: 75 Resp: 17593

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2

