

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016160.D
 Acq On : 12 Aug 2020 15:00
 Operator : SY/VA
 Sample : L3599-17
 Misc : 6.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	456942	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409016	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160183	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108129	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
7) Chloroethane-d5	2.89	69	82512	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.76%
10) 1,1-Dichloroethene-d2	4.01	63	182742	15.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.76%
20) 2-Butanone-d5	7.09	46	98233	65.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.80%
24) Chloroform-d	7.65	84	267660	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	8.31	65	152553	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.68%
29) Benzene-d6	8.27	84	527646	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.27	67	160927	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	10.32	98	458234	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.80%
38) trans-1,3-Dichloropropene-	10.58	79	70104	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.36%
39) 2-Hexanone-d5	10.93	63	82326	72.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.88%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	156414	29.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	139788	24.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.48%

Target Compounds

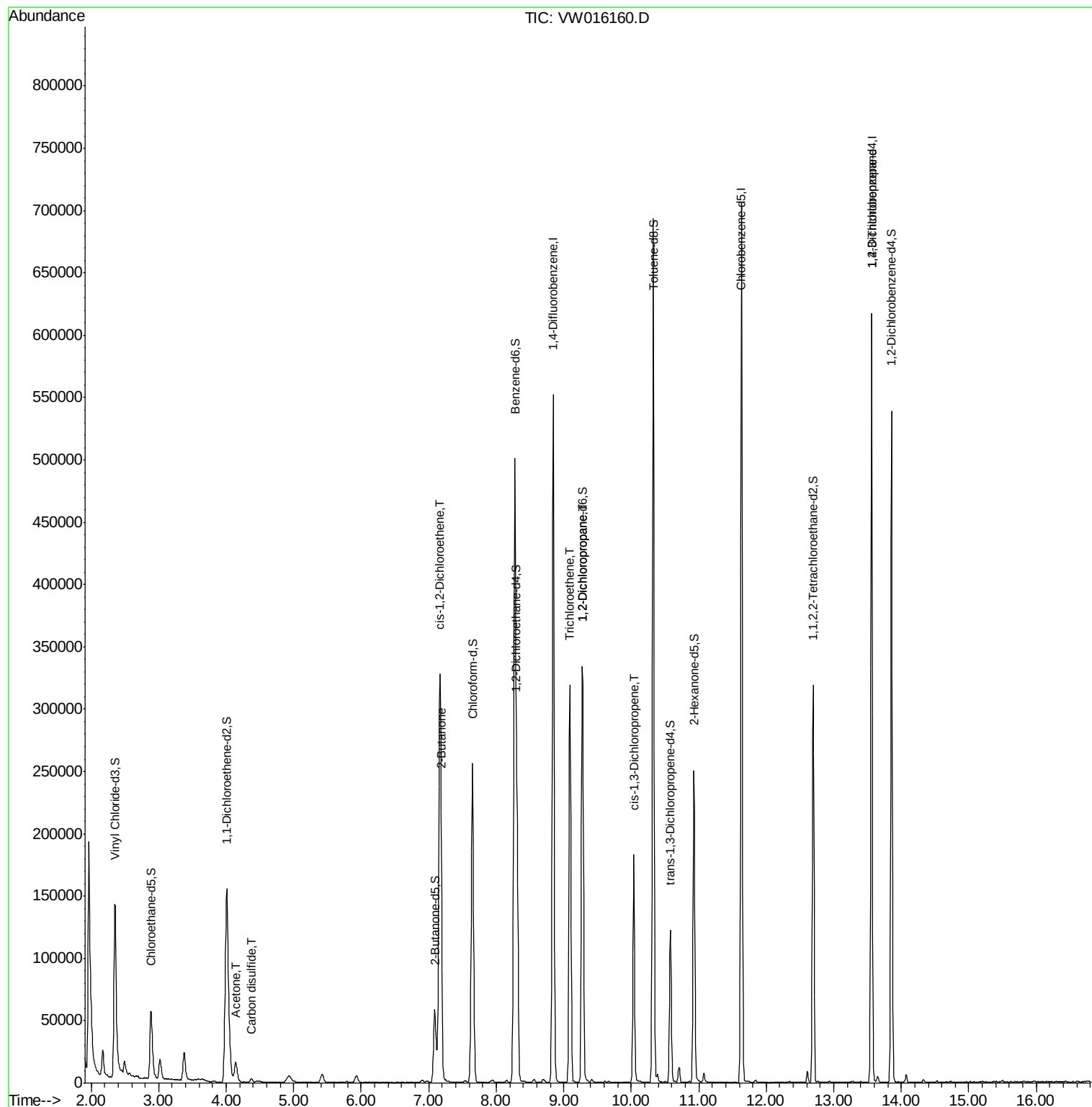
					Ovalue
13) Acetone	4.14	43	29489	26.149	ug/L 95
14) Carbon disulfide	4.37	76	4562	0.248	ug/L # 95
21) 2-Butanone	7.19	43	5517	3.087	ug/L 85
22) cis-1,2-Dichloroethene	7.17	96	204664	31.448	ug/L 99
35) Trichloroethene	9.09	95	114004	17.975	ug/L 99
40) 1,2-Dichloropropane	9.27	63	18020	3.111	ug/L # 86
42) cis-1,3-Dichloropropene	10.04	75	4498	0.510	ug/L # 76
59) 1,2,3-Trichloropropane	13.56	75	19637	4.872	ug/L 92

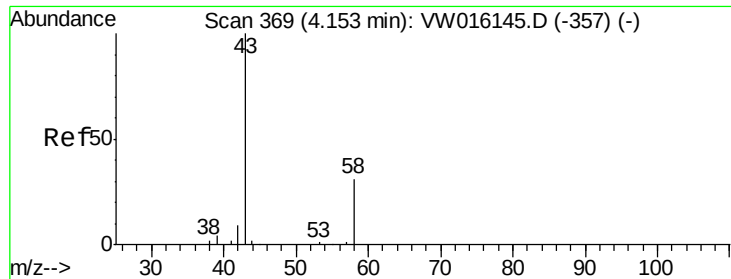
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 01:23:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 26.149 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016160.D

Acq: 12 Aug 2020 15:00

Instrument :

MSVOA_W

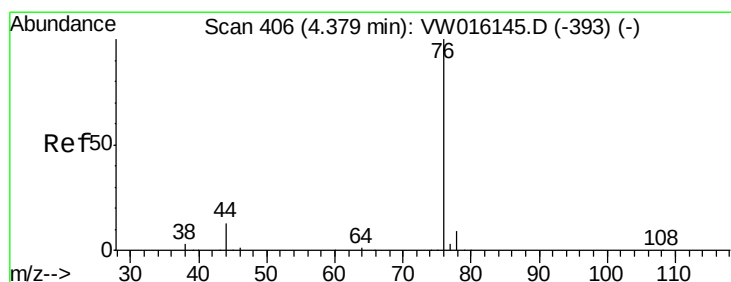
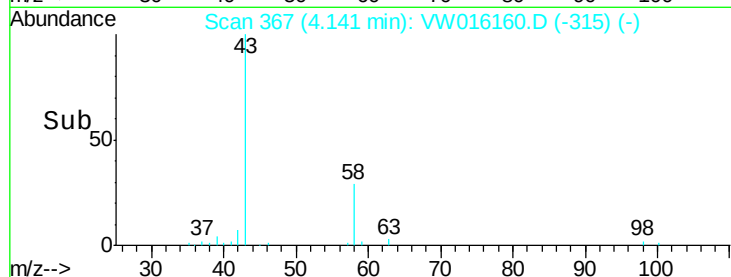
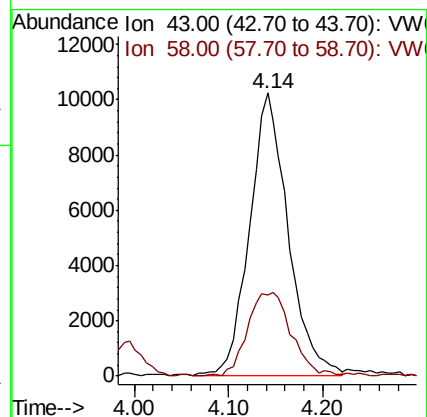
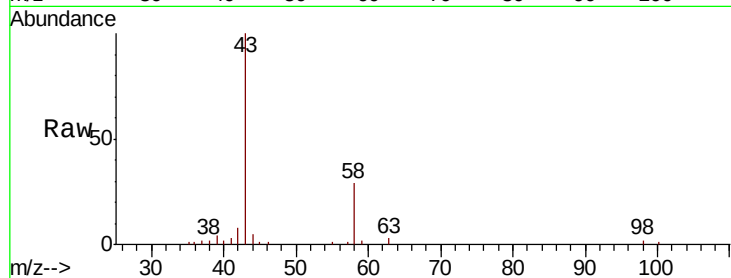
ClientSampleId :

Tot Ion: 43 Resp: 29489

Ion Ratio Lower Upper

43 100

58 32.6 0.0 59.4



#14

Carbon disulfide

Concen: 0.248 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW016160.D

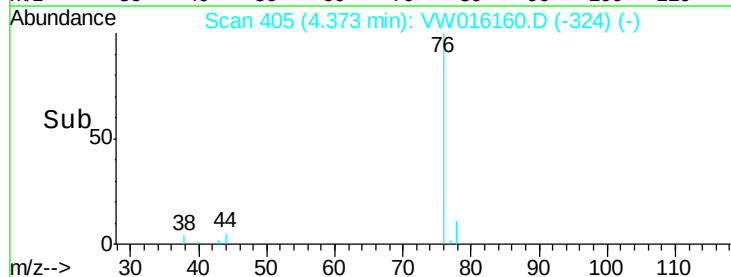
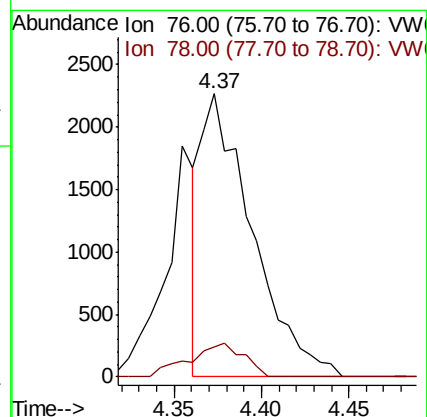
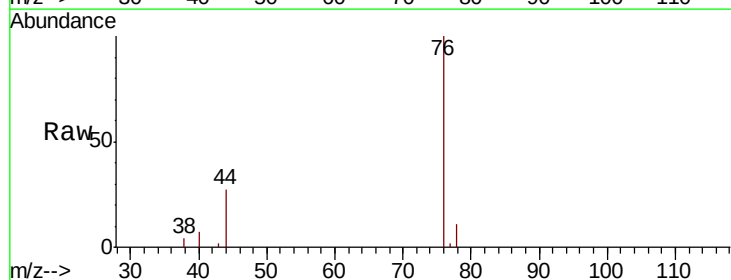
Acq: 12 Aug 2020 15:00

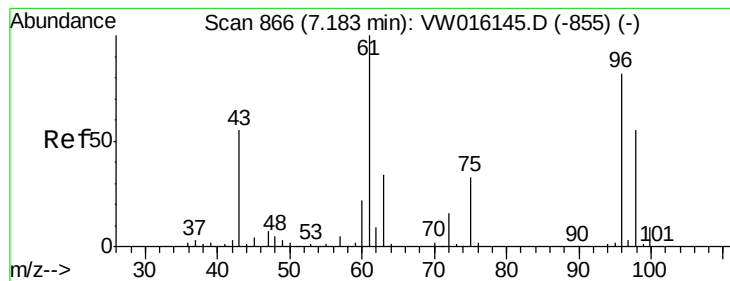
Tgt Ion: 76 Resp: 4562

Ion Ratio Lower Upper

76 100

78 10.6 7.0 10.4#





#21

2-Butanone

Concen: 3.087 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016160.D

Acq: 12 Aug 2020 15:00

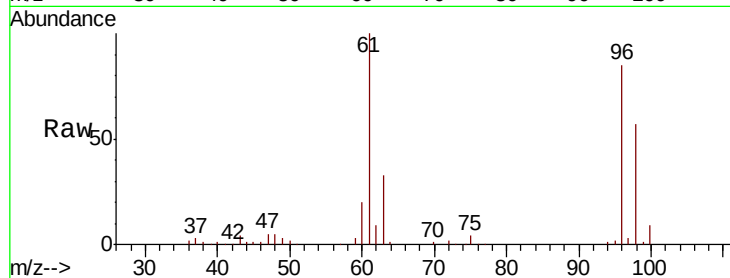
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 5517

Ion Ratio Lower Upper

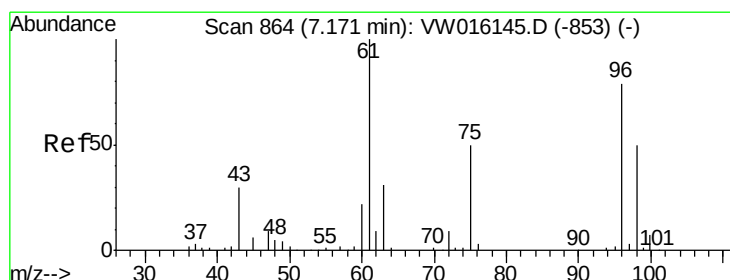
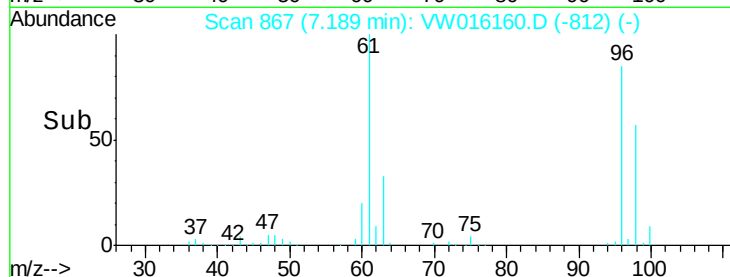
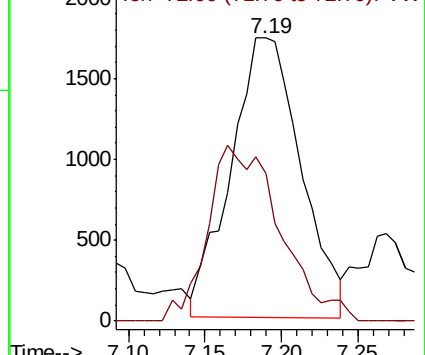
43 100

72 35.7 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#22

cis-1,2-Dichloroethene

Concen: 31.448 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016160.D

Acq: 12 Aug 2020 15:00

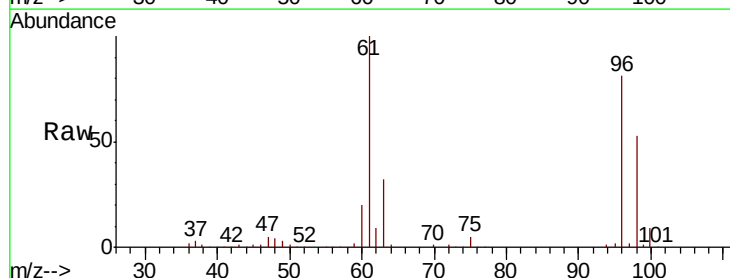
Tgt Ion: 96 Resp: 204664

Ion Ratio Lower Upper

96 100

61 124.2 87.0 161.6

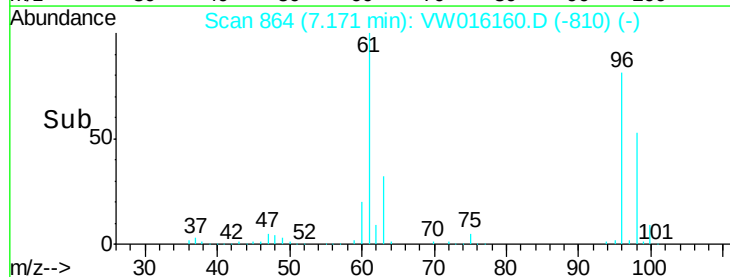
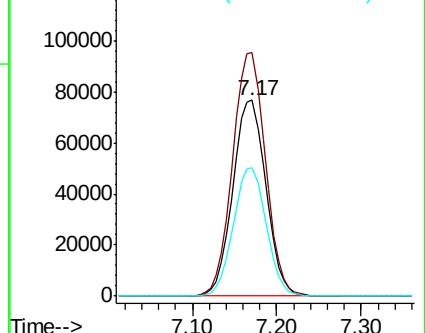
98 65.8 44.0 81.6

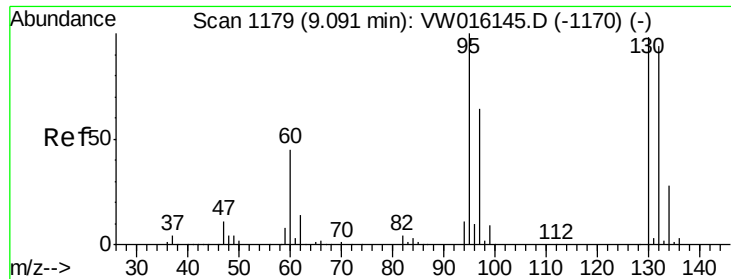


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 17.975 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016160.D

Acq: 12 Aug 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 114004

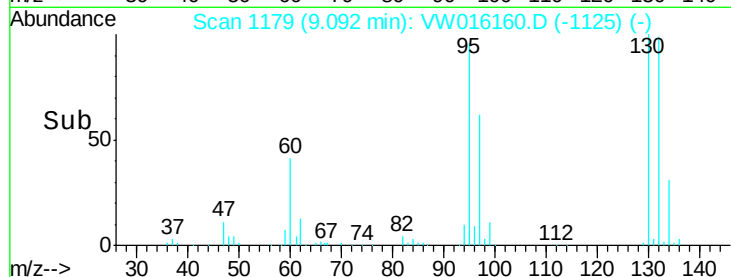
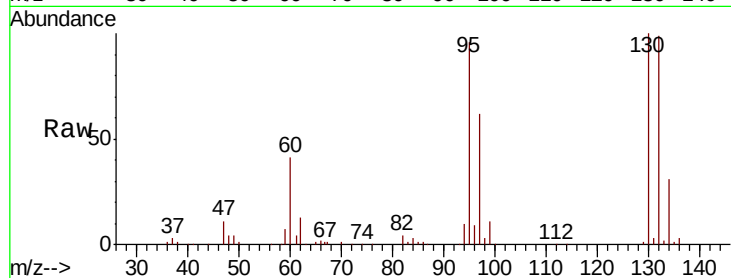
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.3

132 96.6 65.8 122.2

130 99.1 69.5 129.1

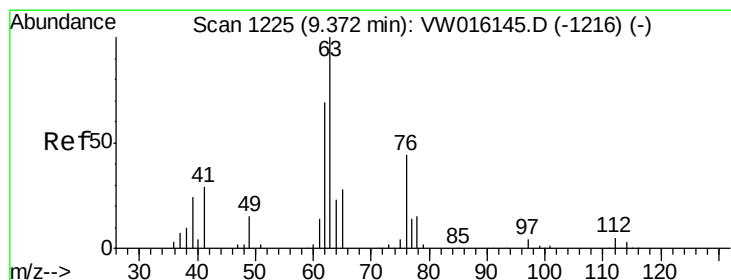
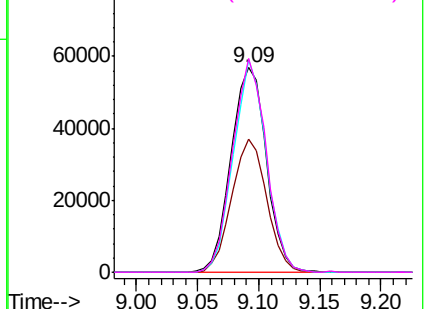


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.111 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016160.D

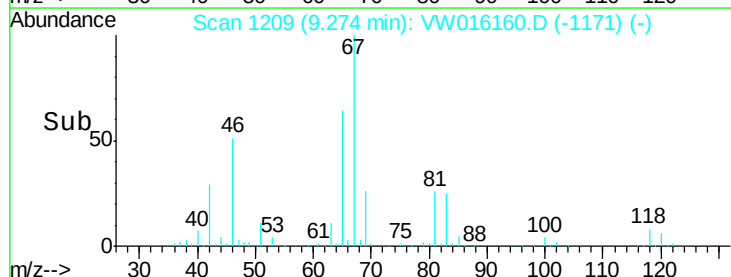
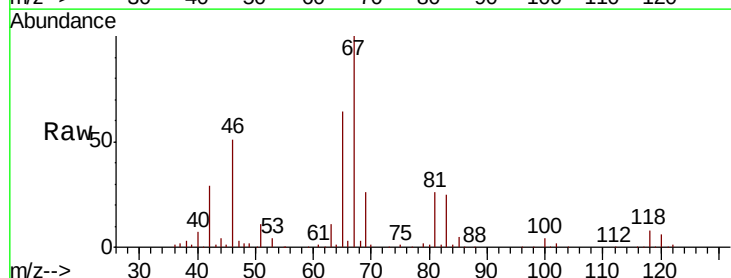
Acq: 12 Aug 2020 15:00

Tgt Ion: 63 Resp: 18020

Ion Ratio Lower Upper

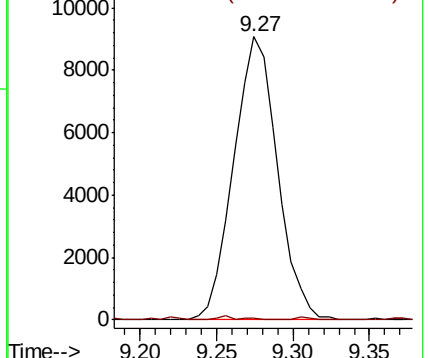
63 100

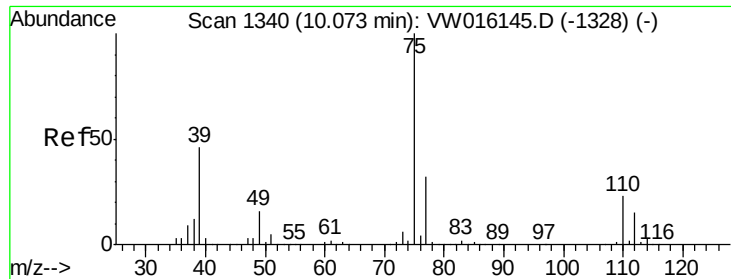
112 0.2 4.0 6.0#



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: 0.510 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016160.D

Acq: 12 Aug 2020 15:00

Instrument :

MSVOA_W

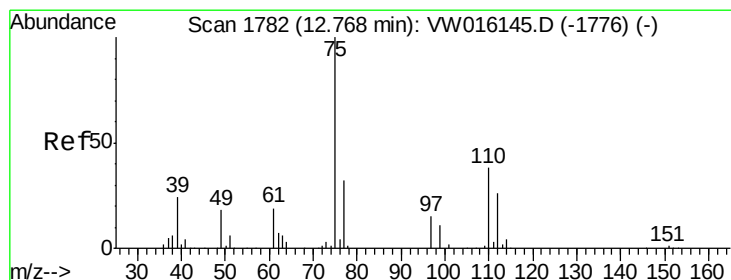
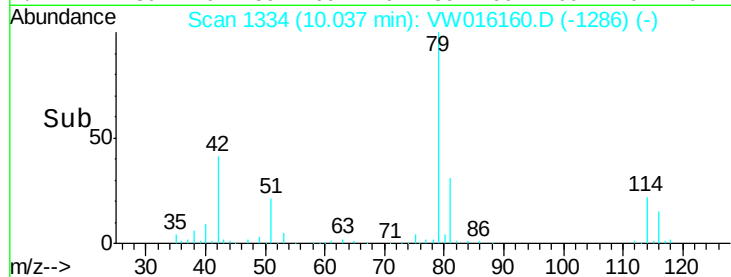
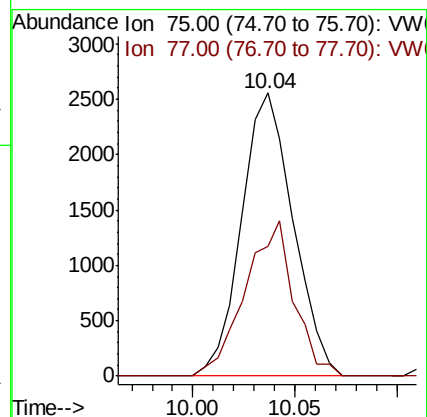
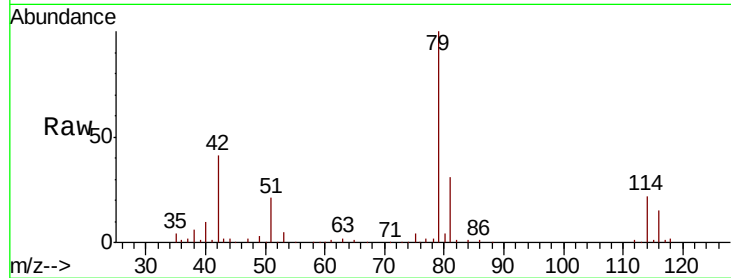
ClientSampleId :

Tot Ion: 75 Resp: 4498

Ion Ratio Lower Upper

75 100

77 46.0 22.9 42.5#



#59

1,2,3-Trichloropropane

Concen: 4.872 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016160.D

Acq: 12 Aug 2020 15:00

Tgt Ion: 75 Resp: 19637

Ion Ratio Lower Upper

75 100

77 36.8 25.9 38.9

