

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018174.D
 Acq On : 10 Sep 2020 12:46
 Operator : SY/MD
 Sample : L3957-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ6

Quant Time: Sep 11 01:31:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	218095	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	217328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	103285	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111759	62.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.76%
7) Chloroethane-d5	1.58	69	95980	65.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.98%#
11) 1,1-Dichloroethene-d2	2.12	63	161114	49.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.84%
21) 2-Butanone-d5	3.90	46	146576	134.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.73%#
24) Chloroform-d	4.37	84	201959	65.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.98%#
26) 1,2-Dichloroethane-d4	5.05	65	136769	69.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	138.38%#
32) Benzene-d6	5.07	84	412454	66.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.58%#
36) 1,2-Dichloropropane-d6	6.09	67	134140	67.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	135.72%#
41) Toluene-d8	7.33	98	369762	65.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.42%#
43) trans-1,3-Dichloropropene-	7.64	79	64731	64.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	128.88%#
47) 2-Hexanone-d5	8.11	63	88230	117.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.83%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	156822	63.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.42%#
64) 1,2-Dichlorobenzene-d4	11.65	152	154061	72.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	145.26%#

Target Compounds

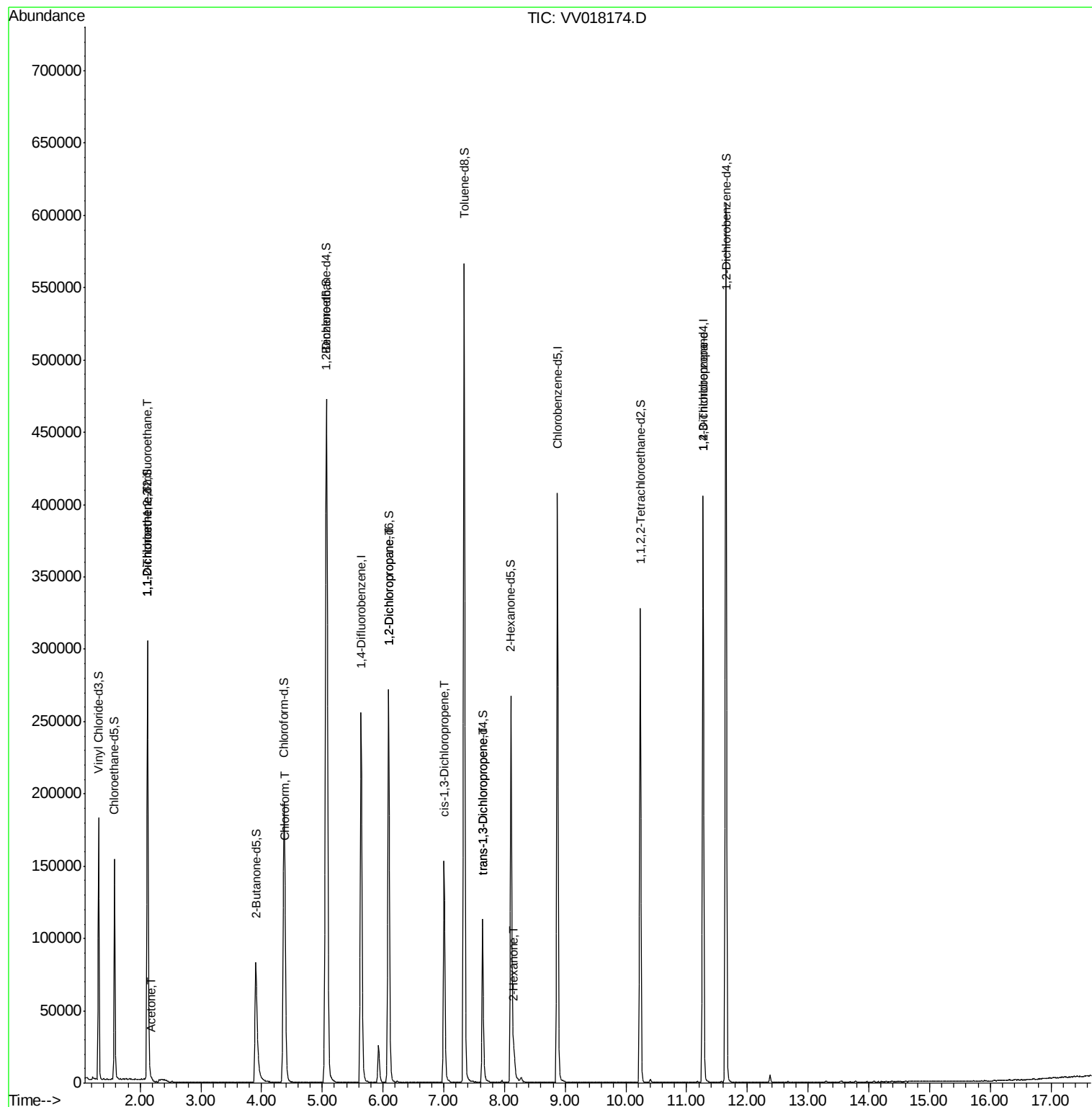
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1443	0.980	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1285	0.897	ug/L #	1
13) Acetone	2.19	43	2367	2.717	ug/L	97
25) Chloroform	4.40	83	6223	2.194	ug/L	83
37) 1,2-Dichloropropane	6.09	63	14797	8.987	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3641	1.435	ug/L #	59
44) trans-1,3-Dichloropropene	7.64	75	2707	1.096	ug/L	97
48) 2-Hexanone	8.16	43	10984	6.975	ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	11955	6.173	ug/L	90

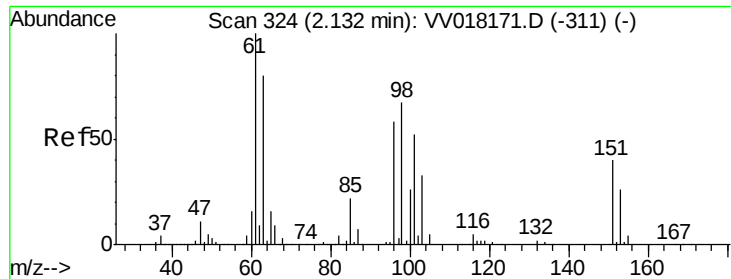
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 11 01:30:09 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.980 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018174.D

Acq: 10 Sep 2020 12:46

Instrument :

MSVOA_V

ClientSampleId :

BFWZ6

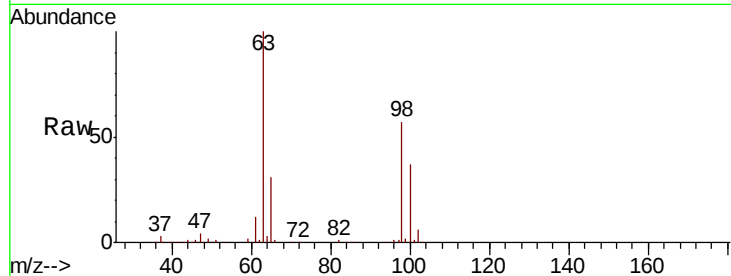
Tot Ion:101 Resp: 1443

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

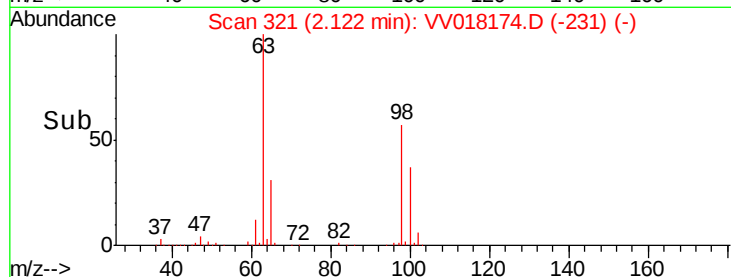
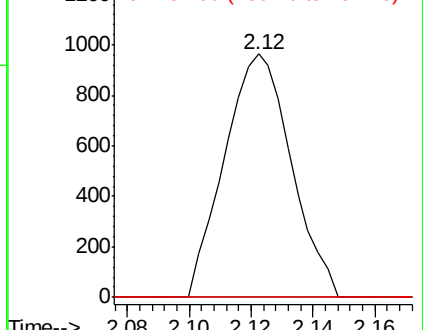
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.897 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018174.D

Acq: 10 Sep 2020 12:46

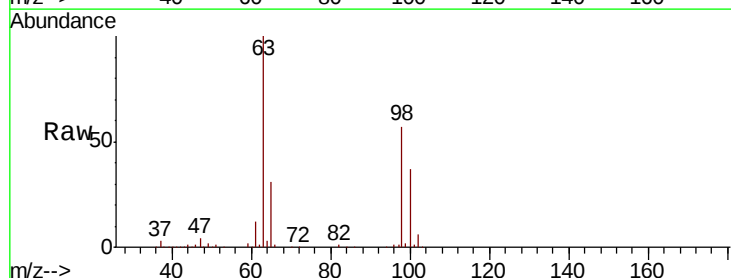
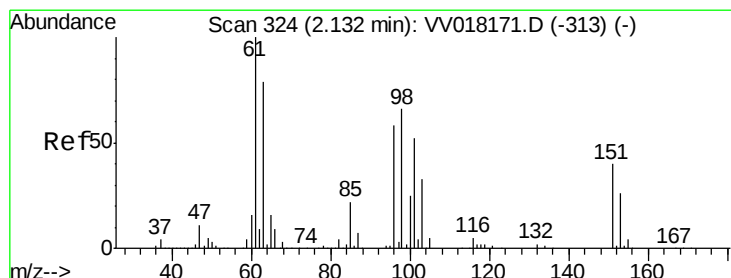
Tgt Ion: 96 Resp: 1285

Ion Ratio Lower Upper

96 100

61 1494.4 122.9 228.3#

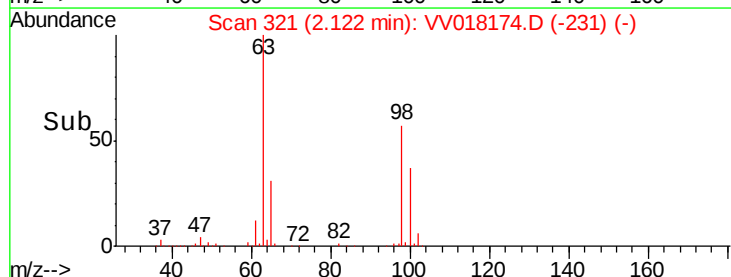
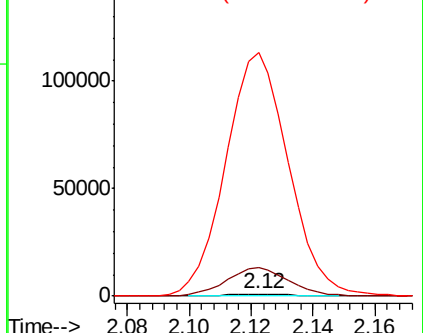
63 12962.0 91.9 170.7#

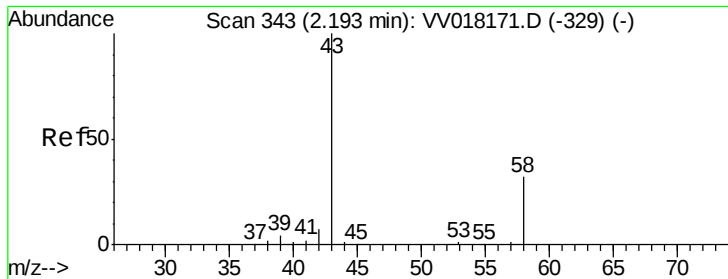


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.717 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV018174.D

Acq: 10 Sep 2020 12:46

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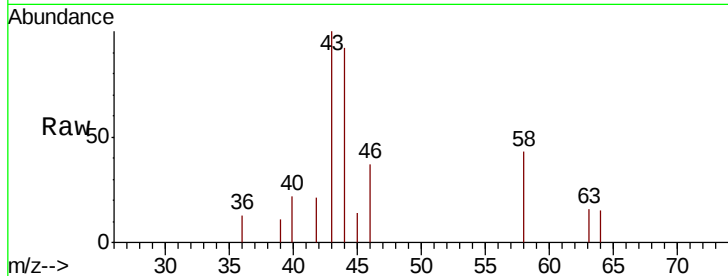
BFWZ6

Tot Ion: 43 Resp: 2367

Ion Ratio Lower Upper

43 100

58 32.0 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018171.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018171.D (-329) (-)

2.19

800

600

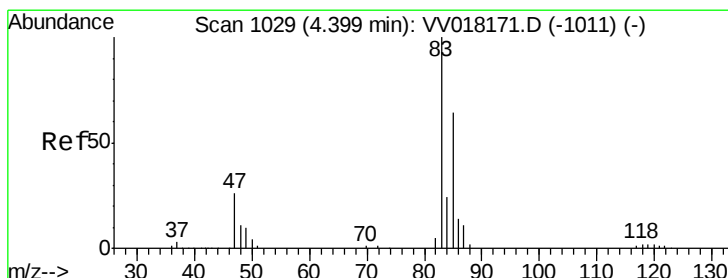
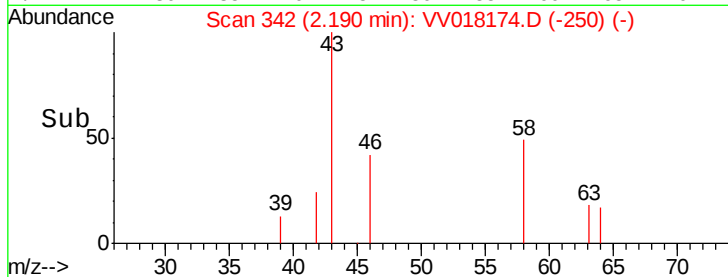
400

200

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 2.194 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VV018174.D

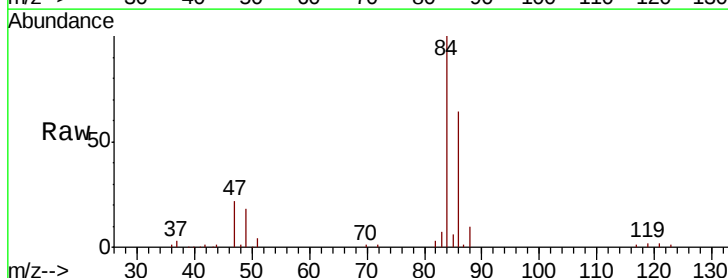
Acq: 10 Sep 2020 12:46

Tgt Ion: 83 Resp: 6223

Ion Ratio Lower Upper

83 100

85 78.0 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV018171.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV018171.D (-1011) (-)

4.40

2500

2000

1500

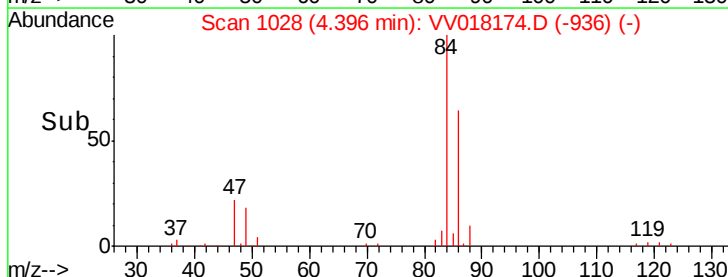
1000

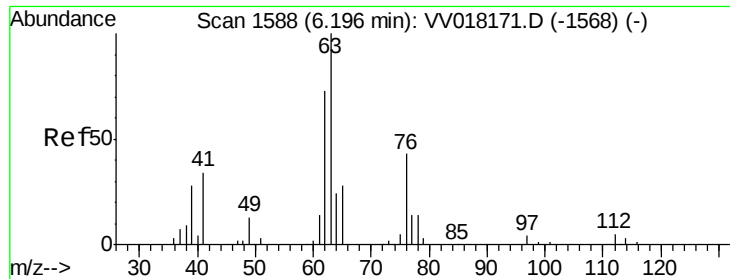
500

0

4.35 4.40 4.45

Time-->

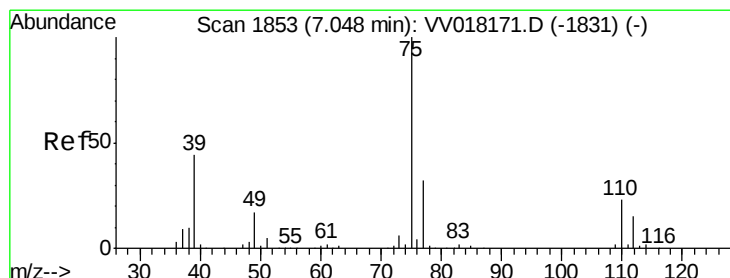
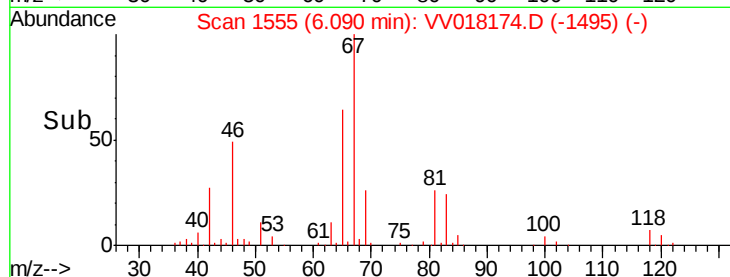
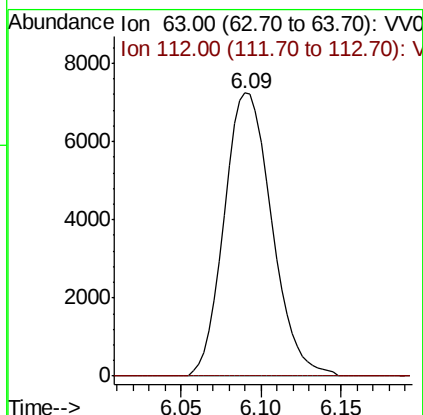
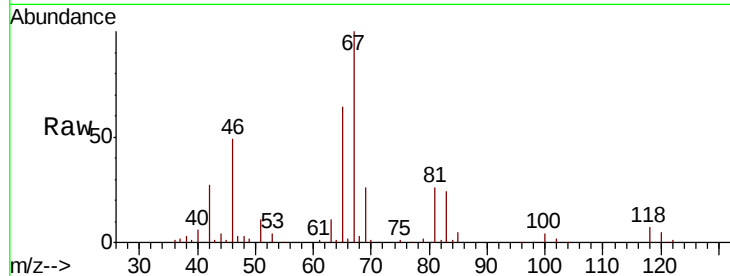




#37
 1,2-Dichloropropane
 Concen: 8.987 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018174.D
 Acq: 10 Sep 2020 12:46

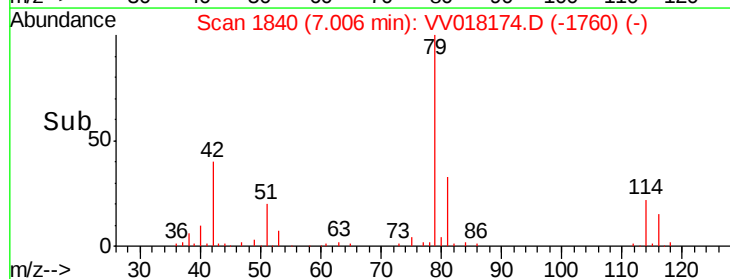
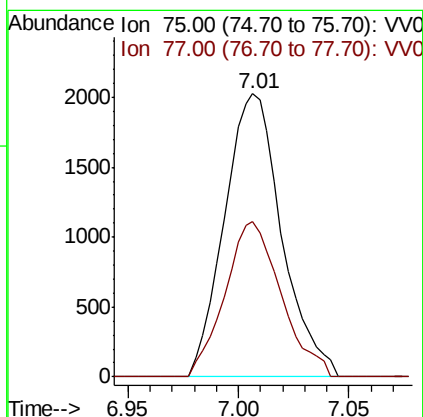
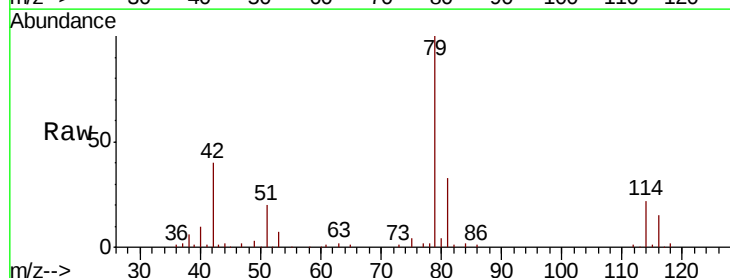
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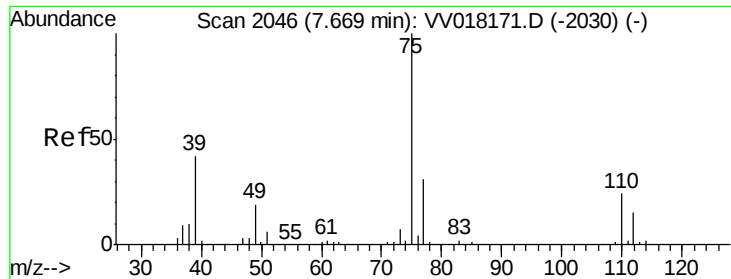
Tot Ion: 63 Resp: 14797
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.435 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018174.D
 Acq: 10 Sep 2020 12:46

Tgt Ion: 75 Resp: 3641
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 1.096 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV018174.D

Acq: 10 Sep 2020 12:46

Instrument :

MSVOA_V

ClientSampleId :

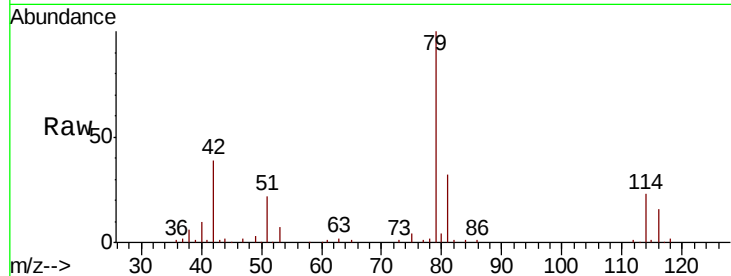
BFWZ6

Tot Ion: 75 Resp: 2707

Ion Ratio Lower Upper

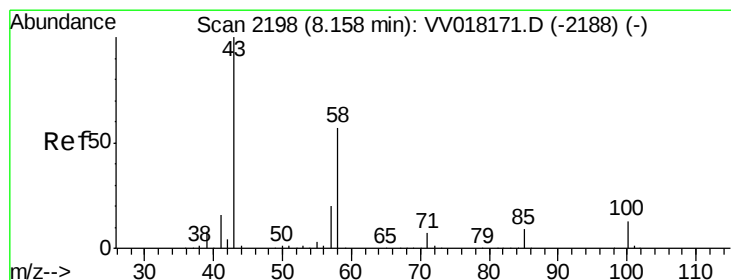
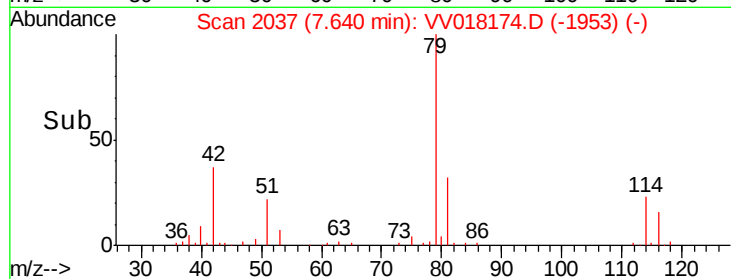
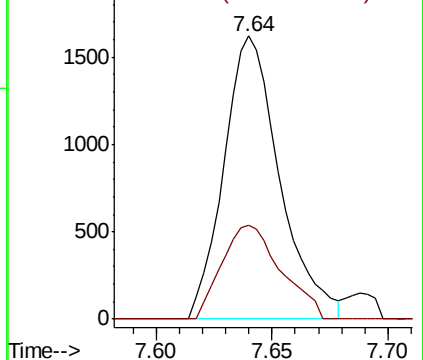
75 100

77 33.4 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 6.975 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018174.D

Acq: 10 Sep 2020 12:46

Tgt Ion: 43 Resp: 10984

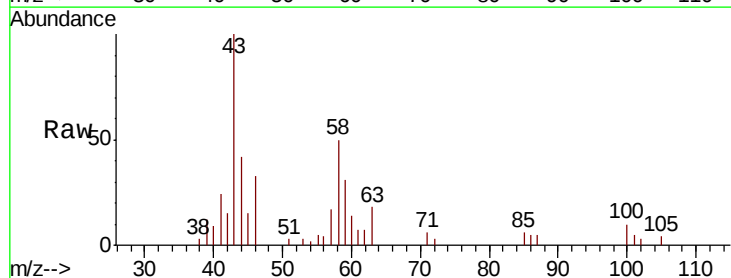
Ion Ratio Lower Upper

43 100

58 41.3 44.8 67.2#

57 16.3 15.8 23.6

100 8.3 10.2 15.4#

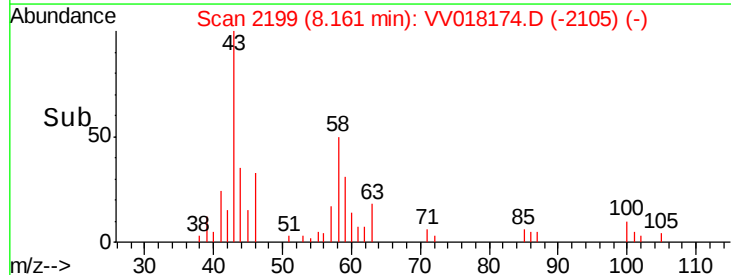
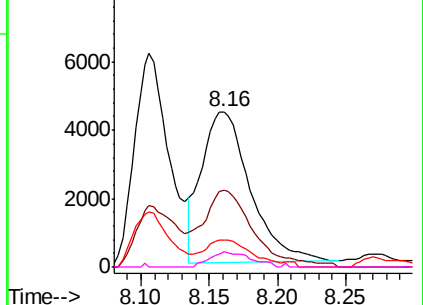


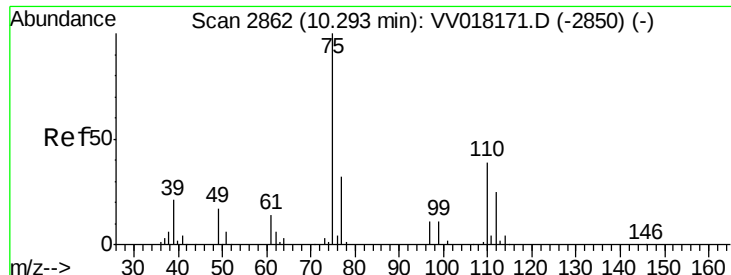
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.173 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018174.D

Acq: 10 Sep 2020 12:46

Instrument :

MSVOA_V

ClientSampleId :

BFWZ6

Tot Ion: 75 Resp: 11955

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.6

