

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017315.D
 Acq On : 02 Jul 2020 19:00
 Operator : SY/MD
 Sample : VV0702WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 06:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162666	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158542	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43099	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	35429	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	69173	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.93	46	107114	43.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.10%
24) Chloroform-d	4.38	84	97588	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	54332	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.07	84	181521	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.09	67	50898	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.34	98	165418	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
45) trans-1,3-Dichloropropene-	7.64	79	21532	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
48) 2-Hexanone-d5	8.11	63	69792	35.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.44%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34556	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	67312	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

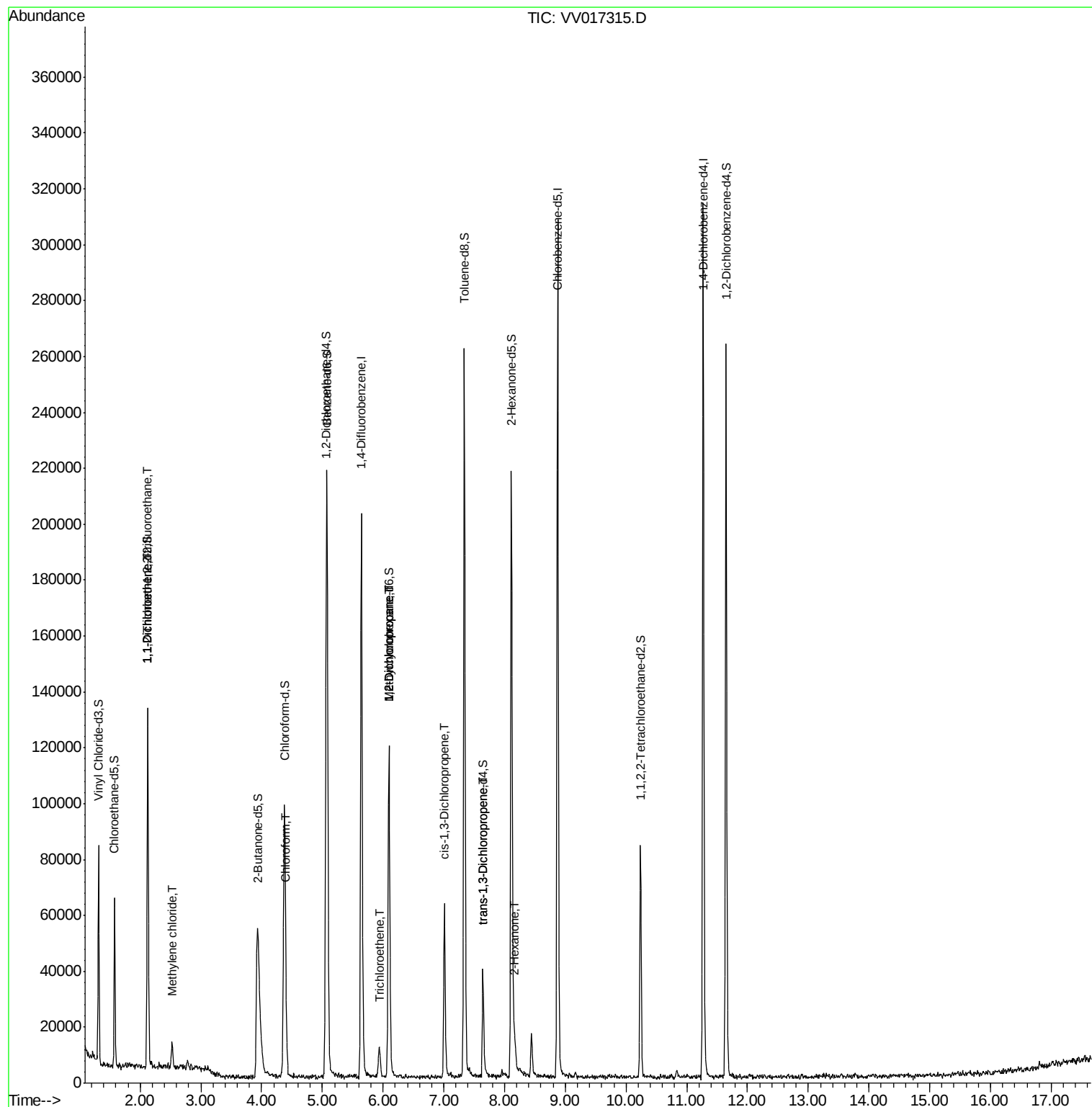
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	755	0.088 ug/L #	21
12) 1,1-Dichloroethene	2.13	96	872	0.112 ug/L #	1
16) Methylene chloride	2.52	84	3284	0.393 ug/L	94
25) Chloroform	4.41	83	2362	0.116 ug/L	92
34) Trichloroethene	5.95	95	2300	0.189 ug/L #	79
35) Methylcyclohexane	6.10	83	14194	0.751 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7260	0.706 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2158	0.141 ug/L #	62
46) trans-1,3-Dichloropropene	7.64	75	1551	0.117 ug/L	86
50) 2-Hexanone	8.16	43	5829	1.380 ug/L #	88

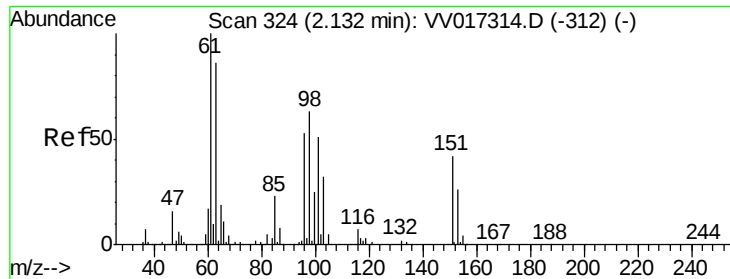
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 03 06:17:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.088 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017315.D

Acq: 02 Jul 2020 19:00

Instrument :

MSVOA_V

ClientSampled :

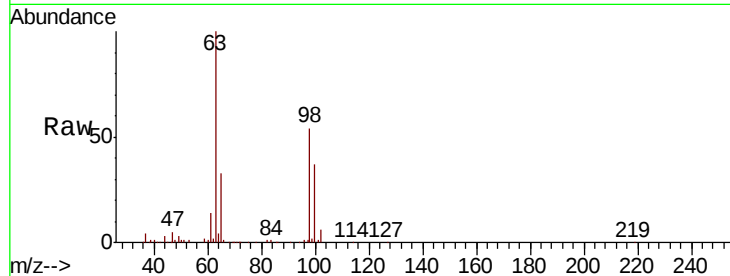
Tot Ion:101 Resp: 755

Ion Ratio Lower Upper

101 100

85 5.8 35.4 53.2#

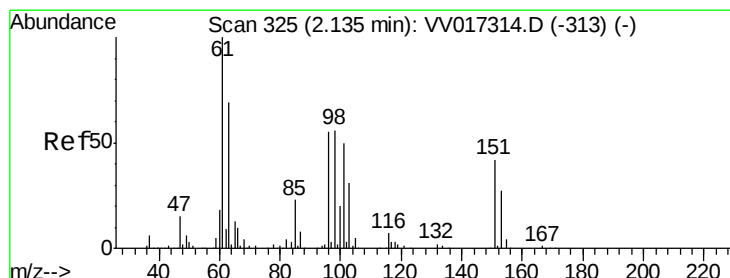
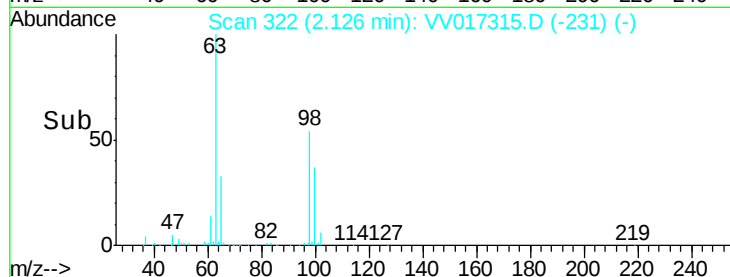
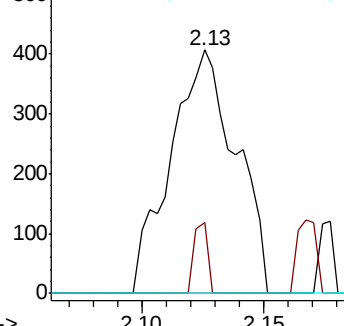
151 0.0 63.9 95.9#



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: 0.112 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017315.D

Acq: 02 Jul 2020 19:00

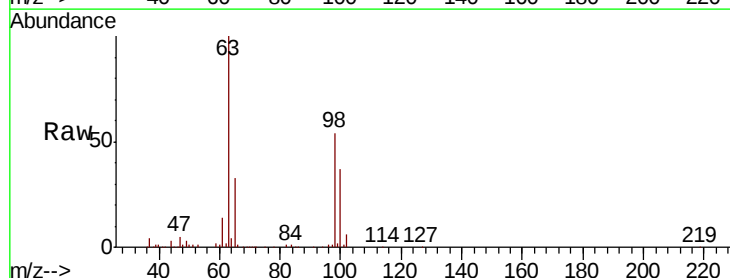
Tgt Ion: 96 Resp: 872

Ion Ratio Lower Upper

96 100

61 1326.1 125.0 232.2#

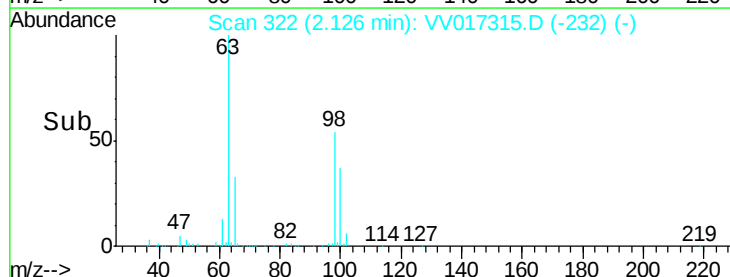
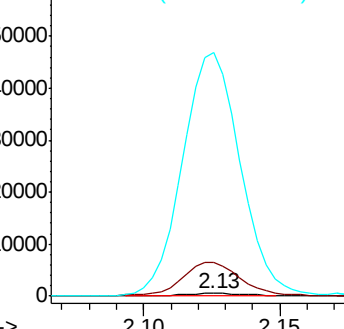
63 9639.5 109.8 203.8#

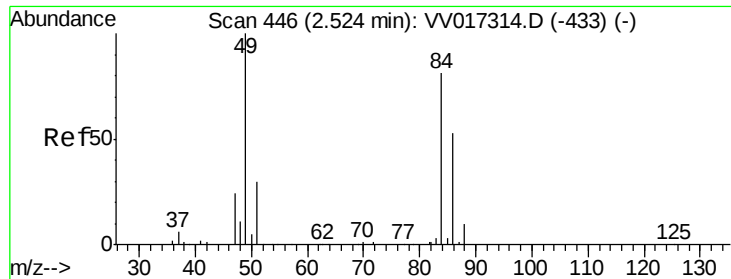


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

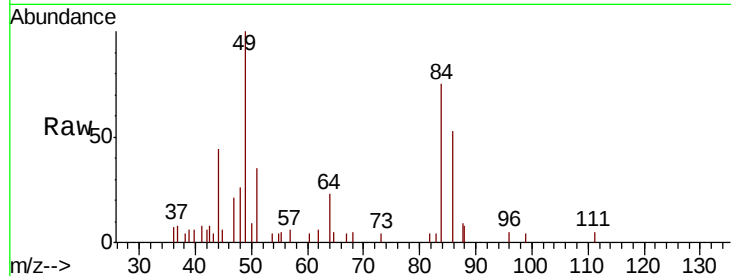




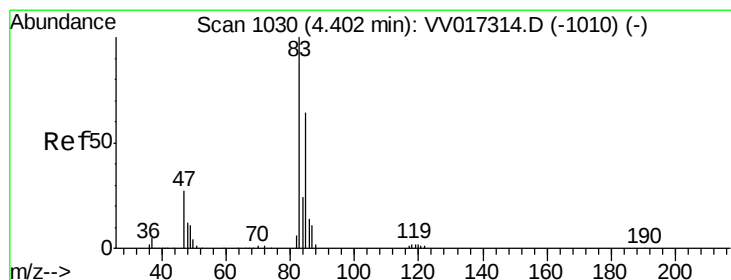
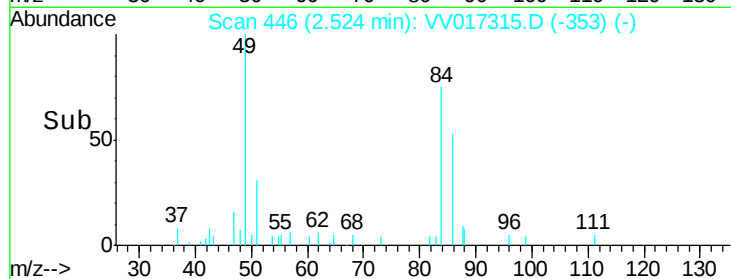
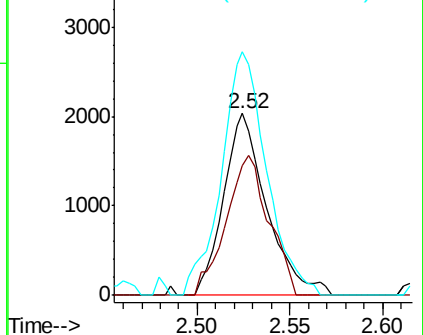
#16
Methvlene chloride
Concen: 0.393 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV017315.D
Acq: 02 Jul 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 3284
Ion Ratio Lower Upper
84 100
86 71.2 45.8 85.0
49 133.7 89.6 166.4

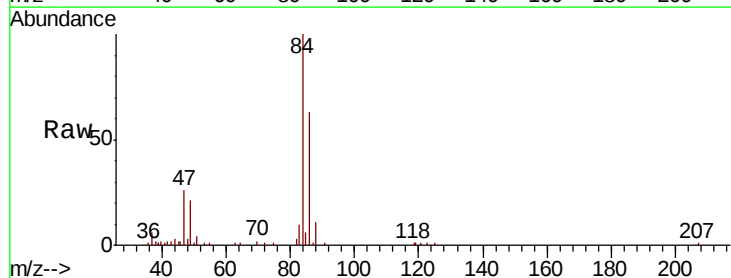


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

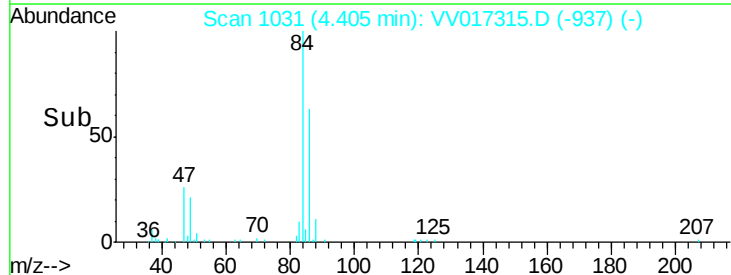
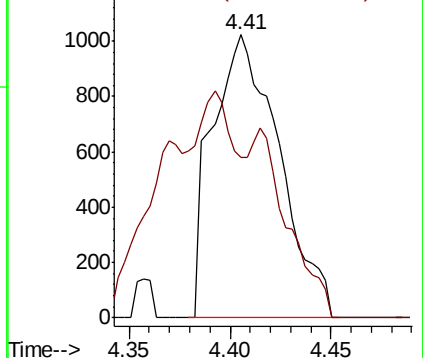


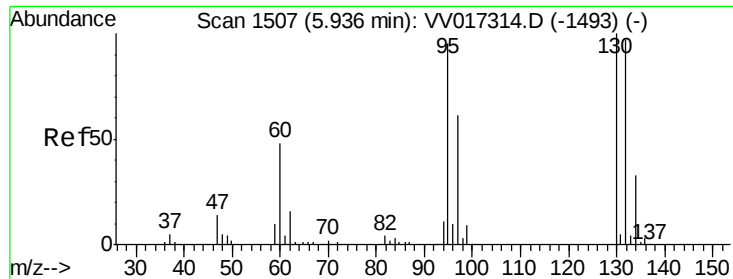
#25
Chloroform
Concen: 0.116 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017315.D
Acq: 02 Jul 2020 19:00

Tgt Ion: 83 Resp: 2362
Ion Ratio Lower Upper
83 100
85 56.6 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

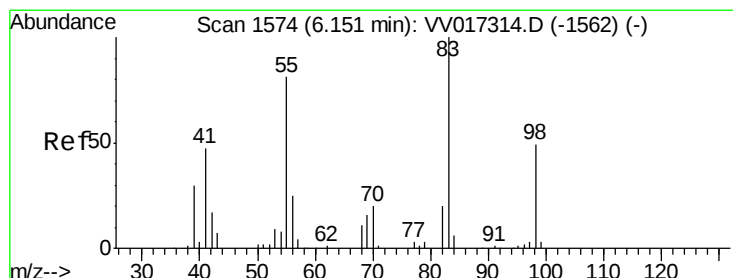
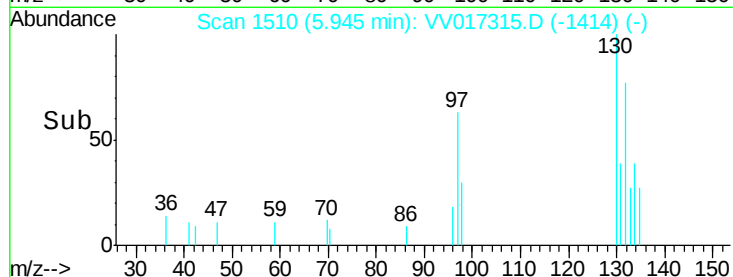
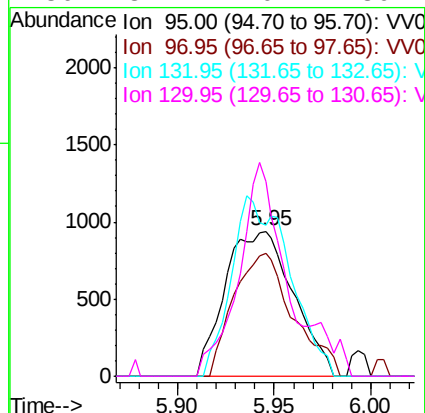
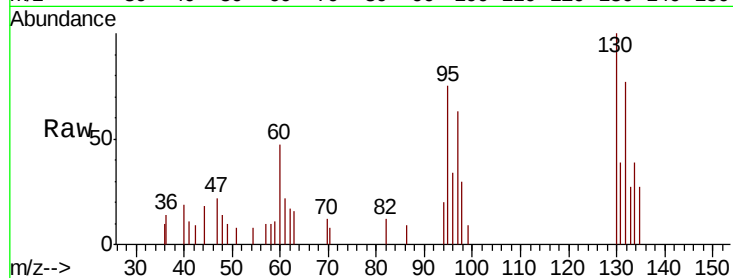




#34
 Trichloroethene
 Concen: 0.189 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV017315.D
 Acq: 02 Jul 2020 19:00

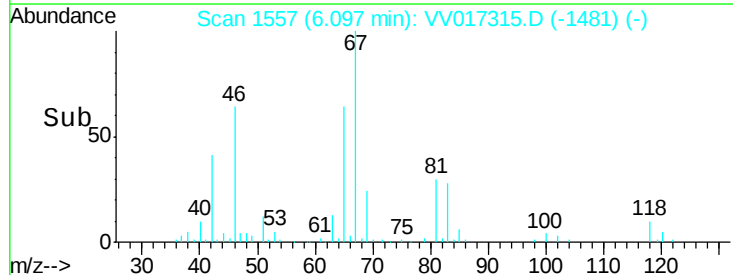
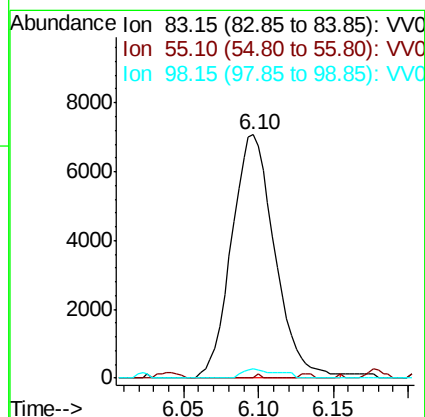
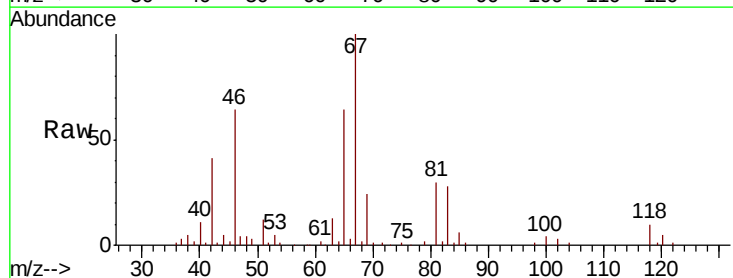
Instrument :
 MSVOA_V
 ClientSampleId :

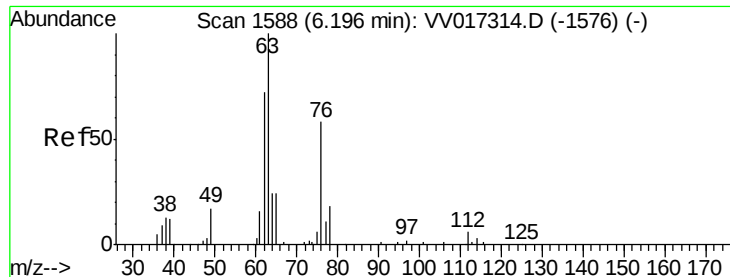
Tot Ion: 95 Resp: 2300
 Ion Ratio Lower Upper
 95 100
 97 85.1 45.3 84.1#
 132 103.9 68.8 127.8
 130 134.1 70.2 130.4#



#35
 Methylcyclohexane
 Concen: 0.751 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017315.D
 Acq: 02 Jul 2020 19:00

Tgt Ion: 83 Resp: 14194
 Ion Ratio Lower Upper
 83 100
 55 0.1 63.6 95.4#
 98 2.3 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.706 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017315.D

Acq: 02 Jul 2020 19:00

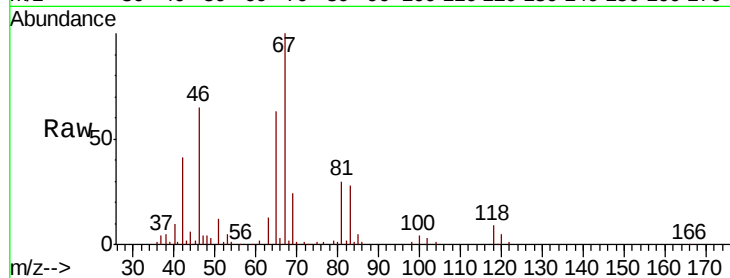
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 7260

Ion Ratio Lower Upper

63 100

112 1.0 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV017314.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV017314.D (-1576) (-)

6.09

4000

3000

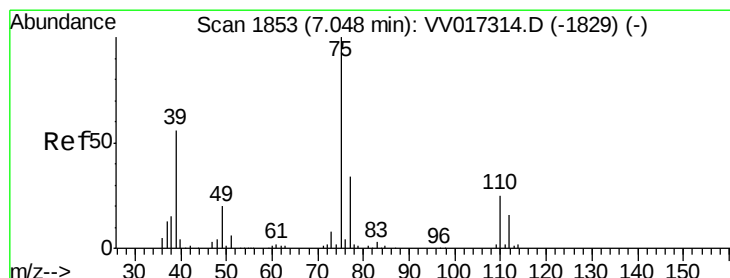
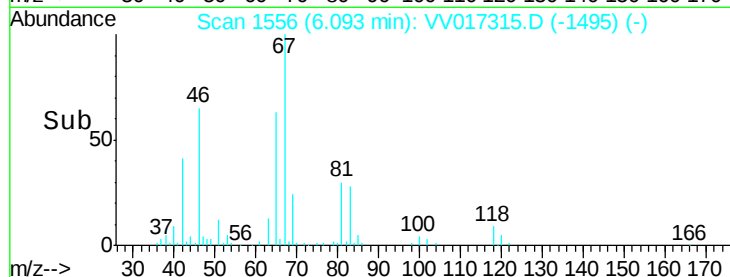
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017315.D

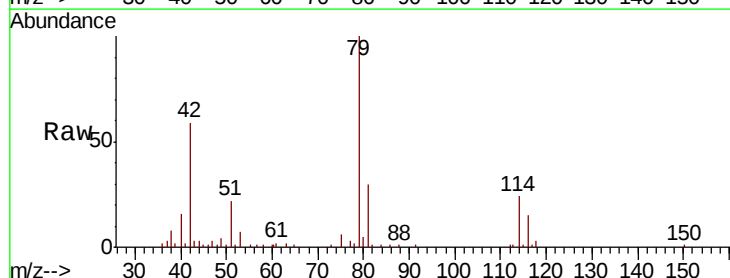
Acq: 02 Jul 2020 19:00

Tgt Ion: 75 Resp: 2158

Ion Ratio Lower Upper

75 100

77 52.8 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV017315.D (-1760) (-)

Ion 77.05 (76.75 to 77.75): VV017315.D (-1760) (-)

7.01

1200

1000

800

600

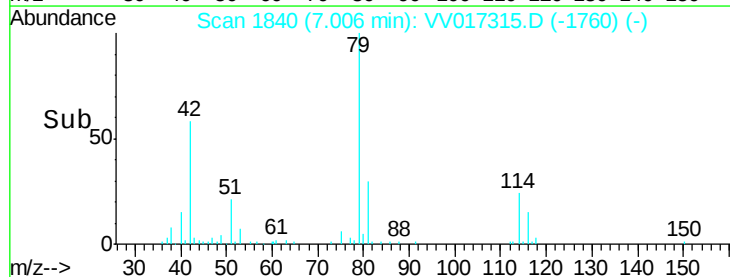
400

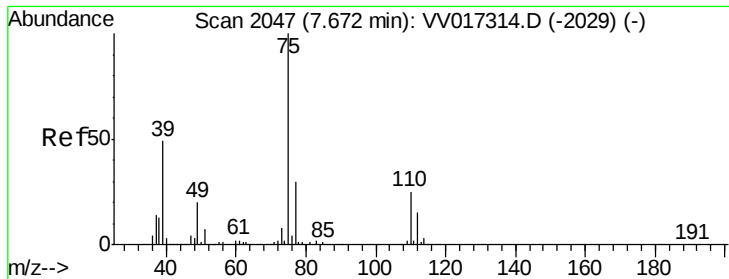
200

0

6.95 7.00 7.05

Time-->





#46

trans-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017315.D

Acq: 02 Jul 2020 19:00

Instrument :

MSVOA_V

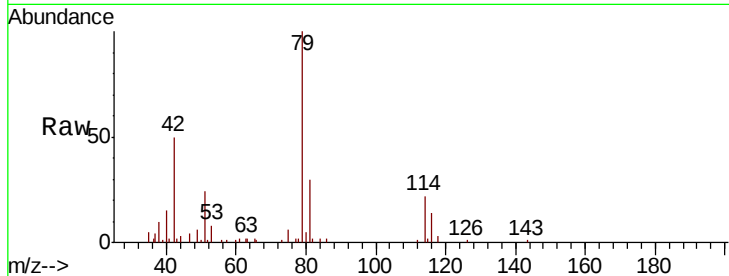
ClientSampleId :

Tot Ion: 75 Resp: 1551

Ion Ratio Lower Upper

75 100

77 39.5 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

800

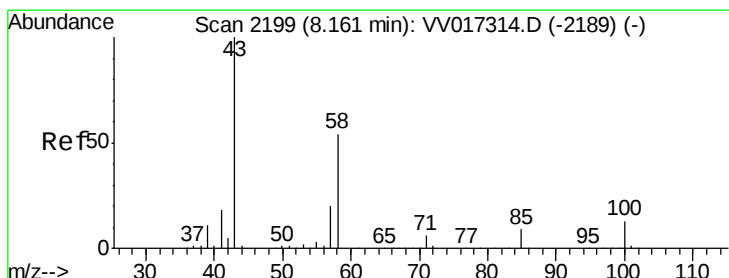
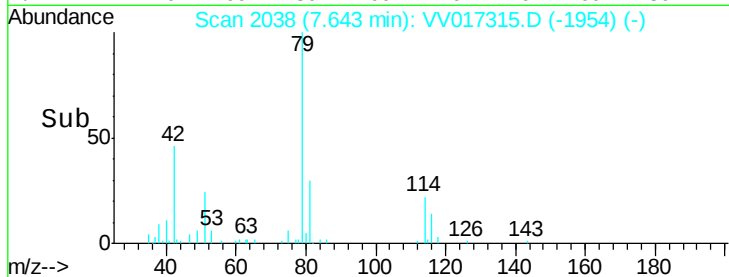
600

400

200

0

Time-->



#50

2-Hexanone

Concen: 1.380 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV017315.D

Acq: 02 Jul 2020 19:00

Tgt Ion: 43 Resp: 5829

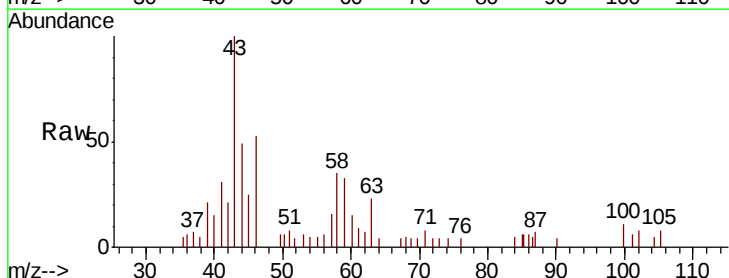
Ion Ratio Lower Upper

43 100

58 55.8 41.6 62.4

57 2.9 15.4 23.0#

100 10.5 10.1 15.1



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8000

6000

4000

2000

0

Time-->

