

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
 Data File : VV017114.D
 Acq On : 25 Jun 2020 09:05
 Operator : SY/MD
 Sample : L3102-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L67

Quant Time: Jun 25 11:36:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 11:33:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	174950	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173471	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36006	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.58	69	31489	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	58214	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	3.93	46	115684	43.23	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.46%
24) Chloroform-d	4.38	84	98238	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.06	65	53535	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.08	84	182570	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.10	67	56588	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.34	98	164517	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
45) trans-1,3-Dichloropropene-	7.64	79	20898	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
48) 2-Hexanone-d5	8.11	63	83397	39.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40596	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	67607	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

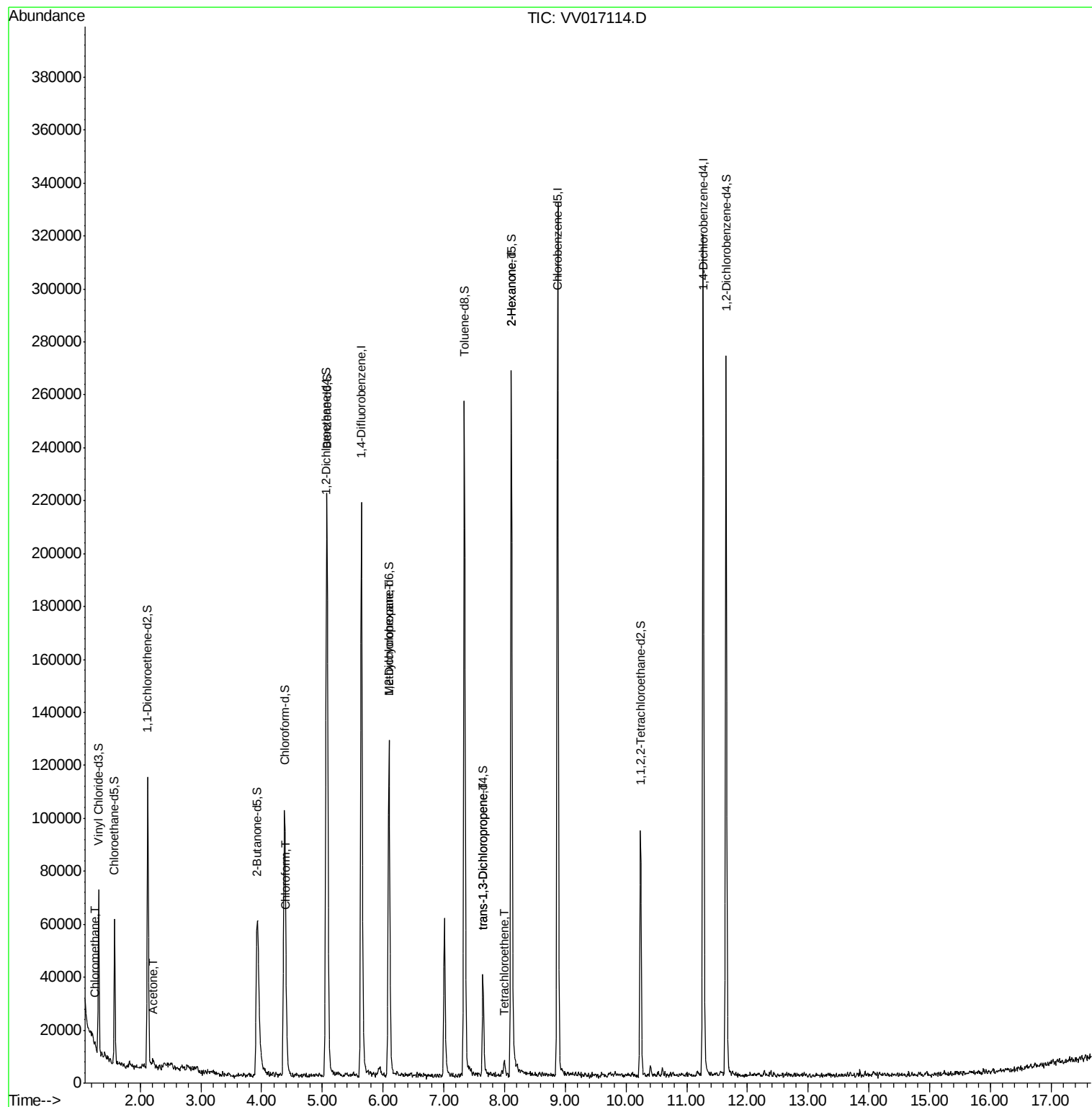
					Qvalue
3) Chloromethane	1.25	50	890	0.075 ug/L #	76
13) Acetone	2.21	43	5838	4.316 ug/L	69
25) Chloroform	4.41	83	7913	0.362 ug/L	83
35) Methylcyclohexane	6.09	83	14774	0.714 ug/L #	18
46) trans-1,3-Dichloropropene	7.65	75	1257	0.087 ug/L #	71
49) Tetrachloroethene	7.99	164	1295	0.121 ug/L #	77
50) 2-Hexanone	8.11	43	11681	2.528 ug/L #	72

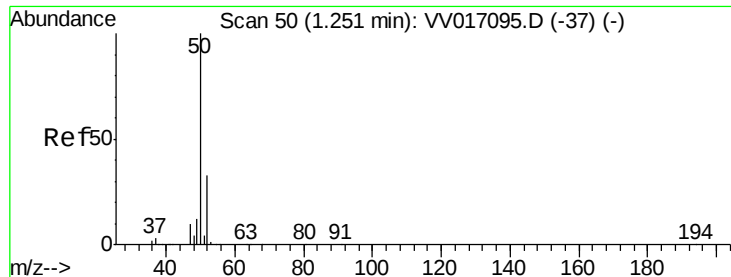
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV017114.D

Acq: 25 Jun 2020 09:05

Instrument :

MSVOA_V

ClientSampleId :

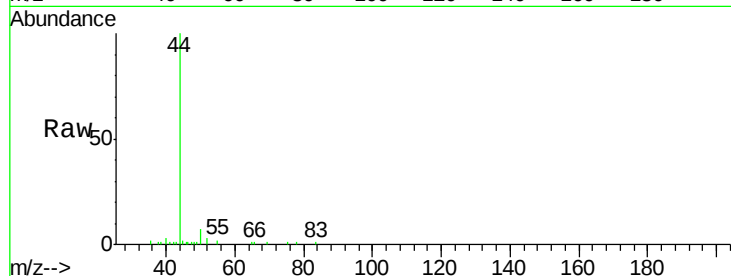
F9L67

Tgt Ion: 50 Resp: 890

Ion Ratio Lower Upper

50 100

52 45.4 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.25

800

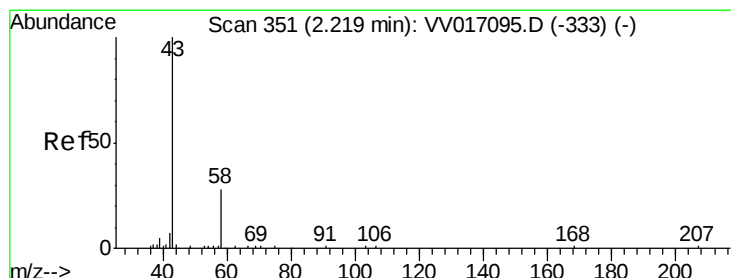
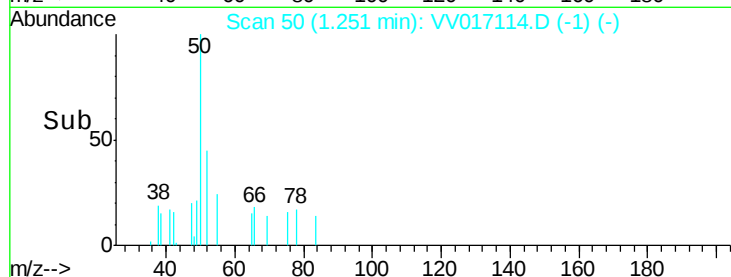
600

400

200

0

Time--> 1.22 1.24 1.26 1.28



#13

Acetone

Concen: 4.316 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV017114.D

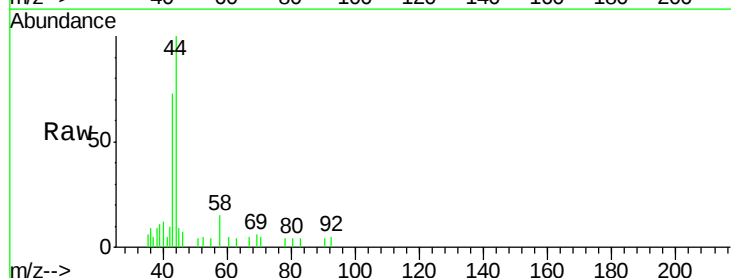
Acq: 25 Jun 2020 09:05

Tgt Ion: 43 Resp: 5838

Ion Ratio Lower Upper

43 100

58 12.8 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

2000

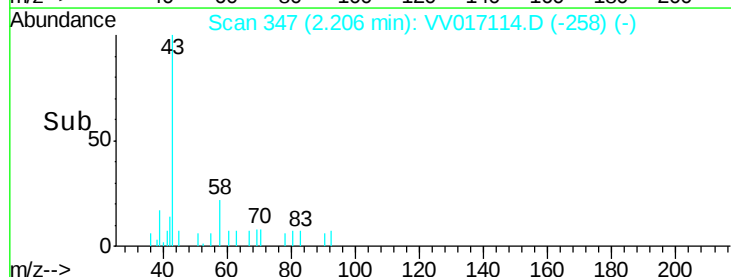
1500

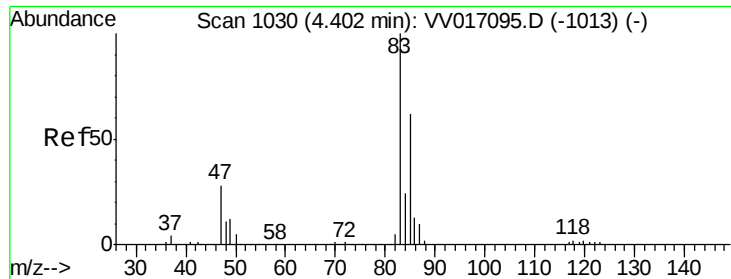
1000

500

0

Time--> 2.10 2.15 2.20 2.25 2.30





#25

Chloroform

Concen: 0.362 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV017114.D

Acq: 25 Jun 2020 09:05

Instrument :

MSVOA_V

ClientSampleId :

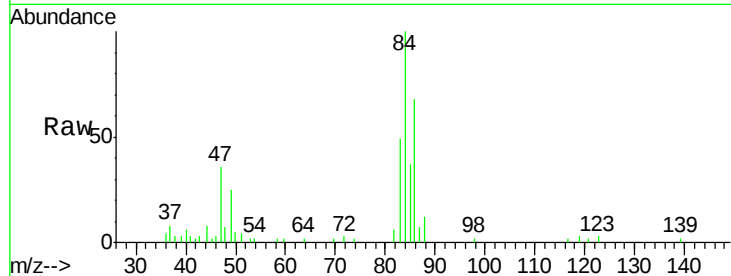
F9L67

Tgt Ion: 83 Resp: 7913

Ion Ratio Lower Upper

83 100

85 76.2 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

3000

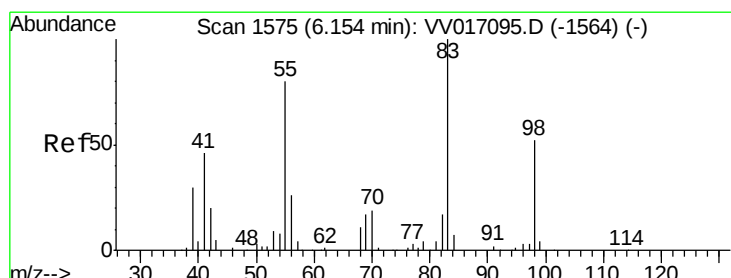
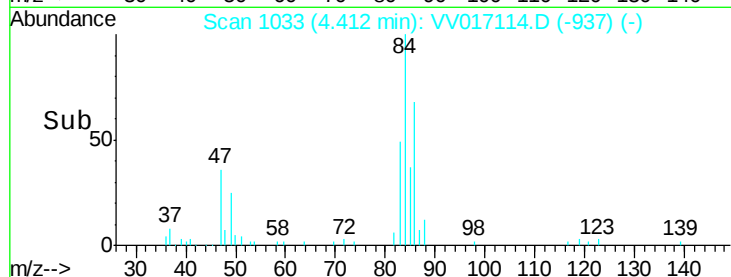
2000

1000

0

4.35 4.40 4.45

Time-->



#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017114.D

Acq: 25 Jun 2020 09:05

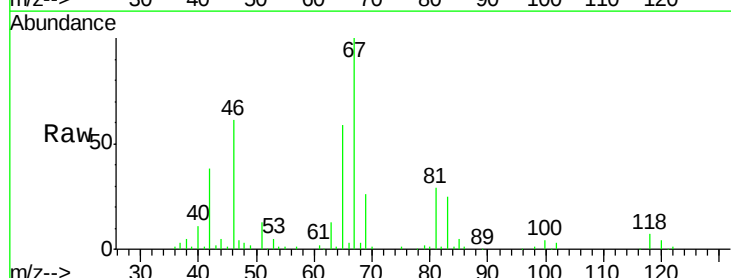
Tgt Ion: 83 Resp: 14774

Ion Ratio Lower Upper

83 100

55 1.4 63.6 95.4#

98 0.6 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

8000

6000

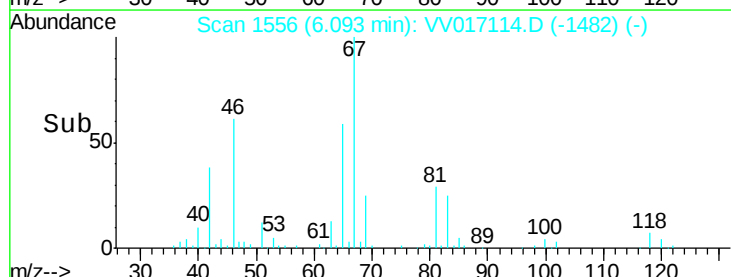
4000

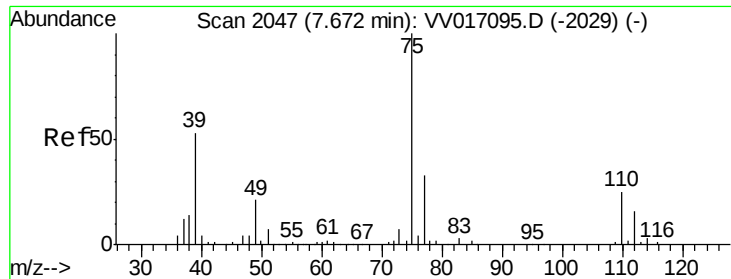
2000

0

6.00 6.05 6.10 6.15 6.20

Time-->

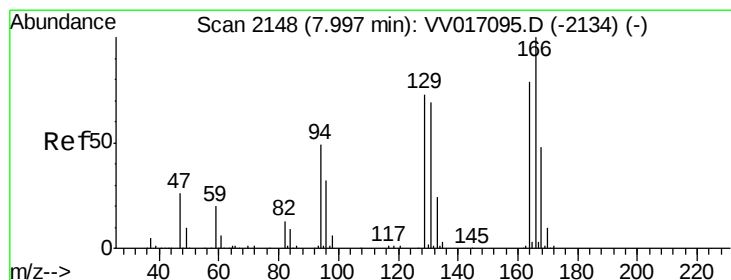
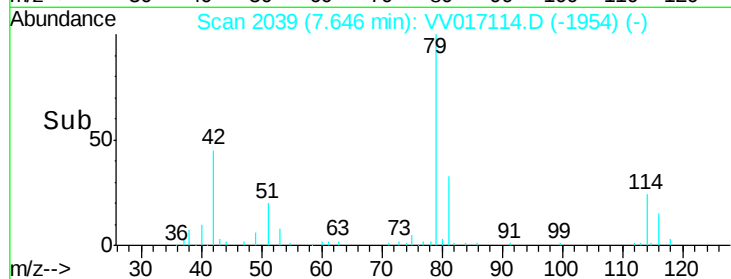
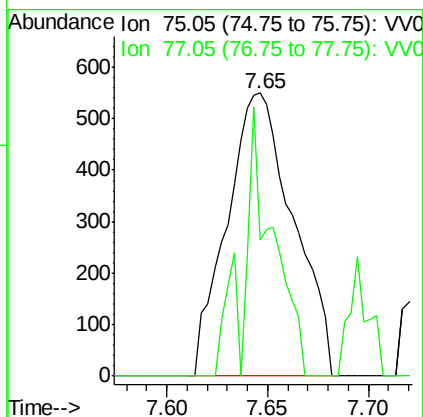
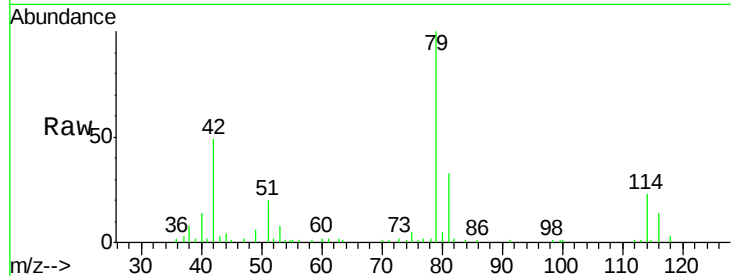




#46
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017114.D
Acq: 25 Jun 2020 09:05

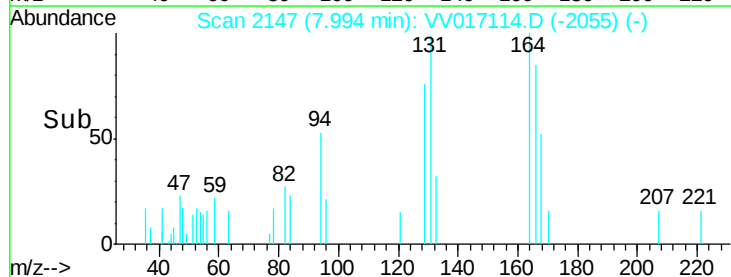
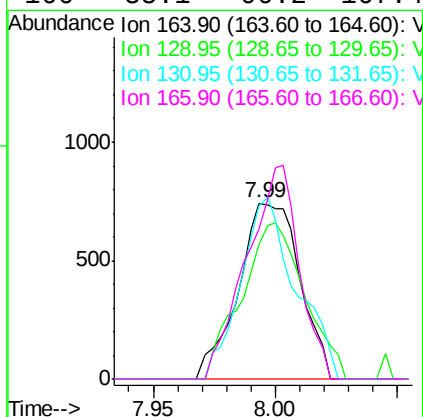
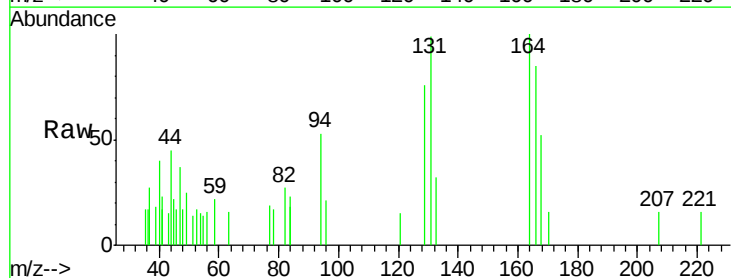
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MSVOA_V
ClientSampled :
F9L67

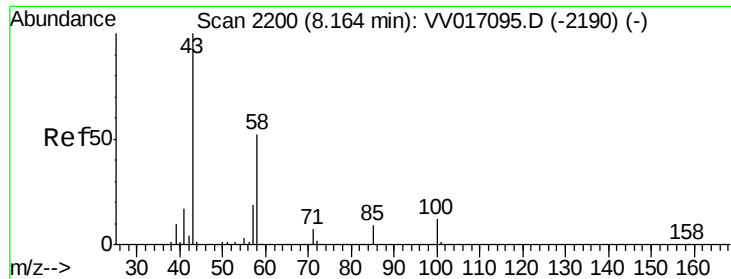
Tgt Ion: 75 Resp: 1257
Ion Ratio Lower Upper
75 100
77 48.0 22.3 41.3#



#49
Tetrachloroethene
Concen: 0.121 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV017114.D
Acq: 25 Jun 2020 09:05

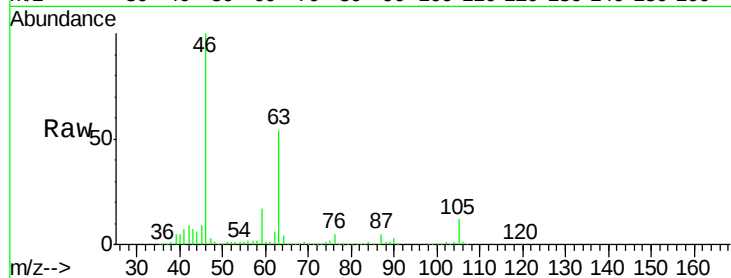
Tgt Ion: 164 Resp: 1295
Ion Ratio Lower Upper
164 100
129 76.4 65.2 121.0
131 98.5 64.1 119.1
166 85.1 90.2 167.4#





#50
 2-Hexanone
 Concen: 2.528 ug/L
 RT: 8.11 min Scan# 2184
 Delta R.T. -0.05 min
 Lab File: VV017114.D
 Acq: 25 Jun 2020 09:05

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L67



Tgt Ion:	43	Resp:	11681
Ion	Ratio	Lower	Upper
43	100		
58	30.8	41.6	62.4#
57	29.5	15.4	23.0#
100	2.0	10.1	15.1#

