

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017625.D
 Acq On : 24 Jul 2020 00:39
 Operator : SY/MD
 Sample : L3398-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C59

Quant Time: Jul 24 02:35:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159415	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156784	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37419	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	30318	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.12	63	64465	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.95	46	94619	51.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	4.38	84	97699	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.06	65	52028	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.07	84	176679	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.10	67	51426	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.34	98	158080	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
45) trans-1,3-Dichloropropene-	7.65	79	20523	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
48) 2-Hexanone-d5	8.11	63	62942	46.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34314	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	64480	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

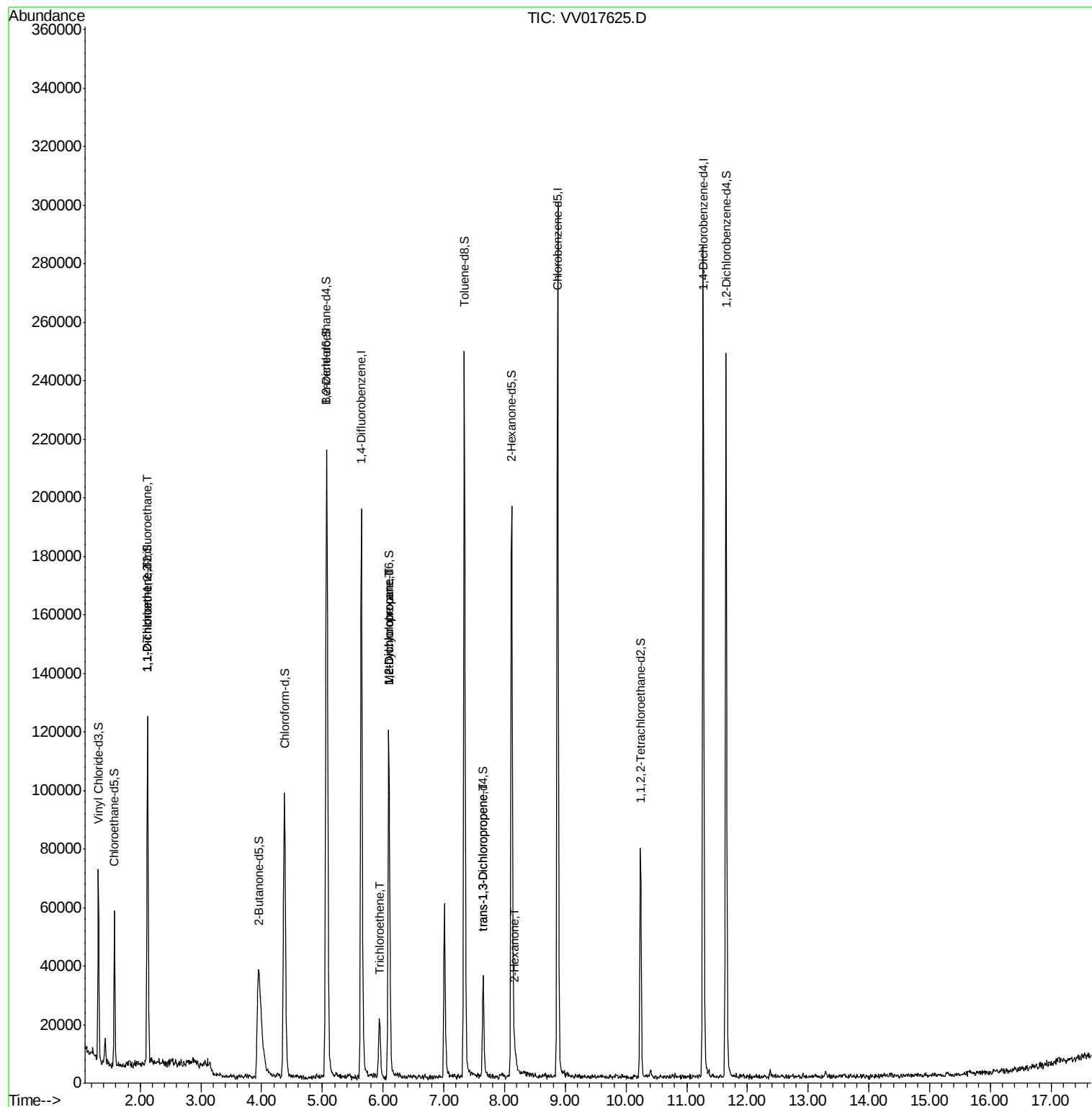
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	832	0.087 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	2097	0.244 ug/L #	1
34) Trichloroethene	5.94	95	6385	0.515 ug/L	95
35) Methylcyclohexane	6.10	83	13705	0.731 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7126	0.683 ug/L #	85
46) trans-1,3-Dichloropropene	7.64	75	1018	0.072 ug/L #	74
50) 2-Hexanone	8.16	43	3178	0.785 ug/L #	47

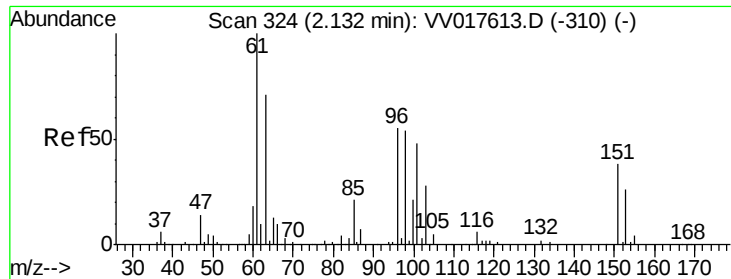
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.087 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017625.D

Acq: 24 Jul 2020 00:39

Instrument :

MSVOA_V

ClientSampleId :

F4C59

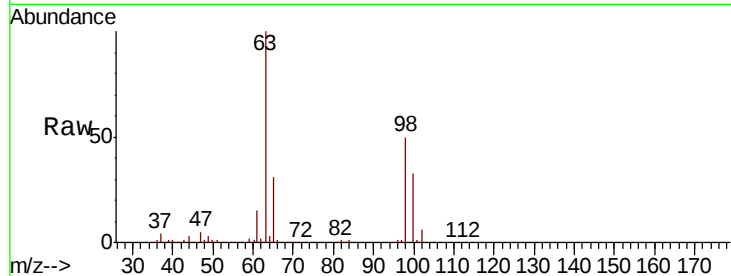
Tot Ion:101 Resp: 832

Ion Ratio Lower Upper

101 100

85 4.9 34.6 51.8#

151 0.0 63.5 95.3#



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

2.12

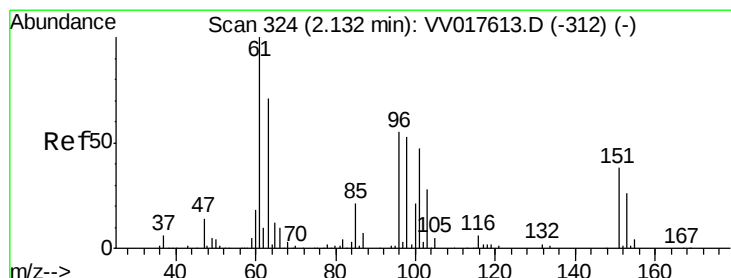
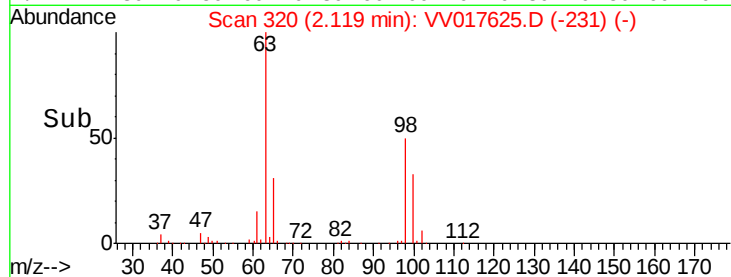
400

200

0

2.10 2.15

Time-->



#12

1,1-Dichloroethene

Concen: 0.244 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017625.D

Acq: 24 Jul 2020 00:39

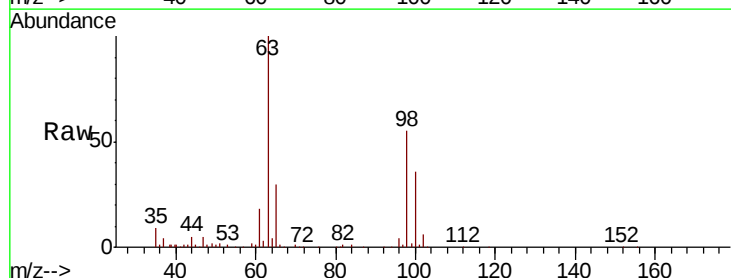
Tgt Ion: 96 Resp: 2097

Ion Ratio Lower Upper

96 100

61 449.3 123.1 228.7#

63 2437.3 91.2 169.4#



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

60000

50000

40000

30000

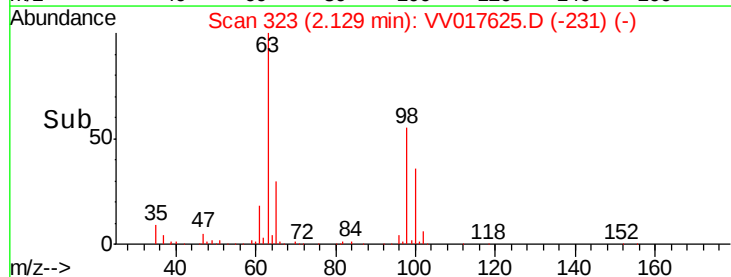
20000

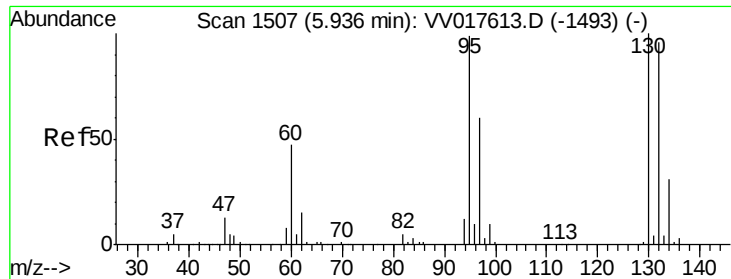
10000

0

2.10 2.15

Time-->





#34

Trichloroethene

Concen: 0.515 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017625.D

Acq: 24 Jul 2020 00:39

Instrument :

MSVOA_V

ClientSampled :

F4C59

Tot Ion: 95 Resp: 6385

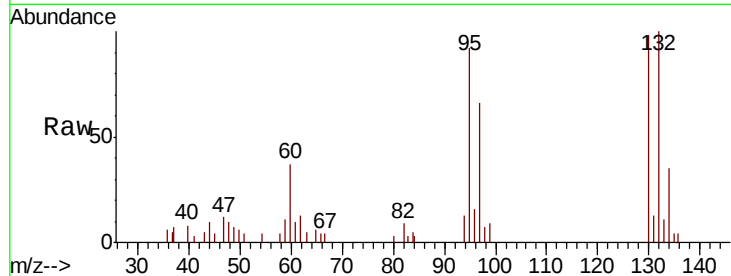
Ion Ratio Lower Upper

95 100

97 71.8 46.1 85.5

132 109.1 71.7 133.1

130 107.2 74.3 137.9



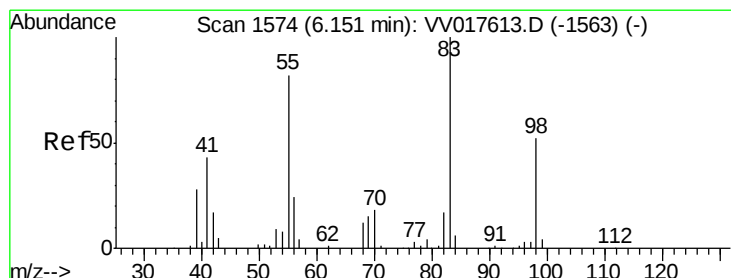
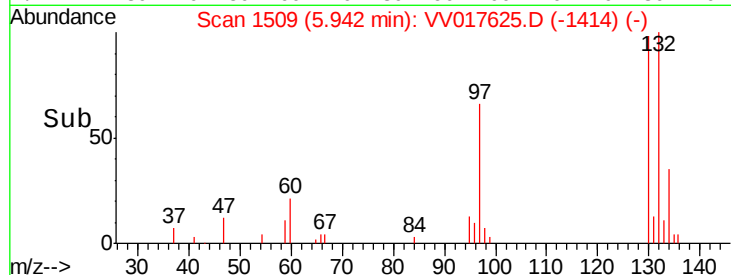
Abundance Ion 95.00 (94.70 to 95.70): VV017613.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV017613.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV017613.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV017613.D (-1493) (-)

Time-->



#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017625.D

Acq: 24 Jul 2020 00:39

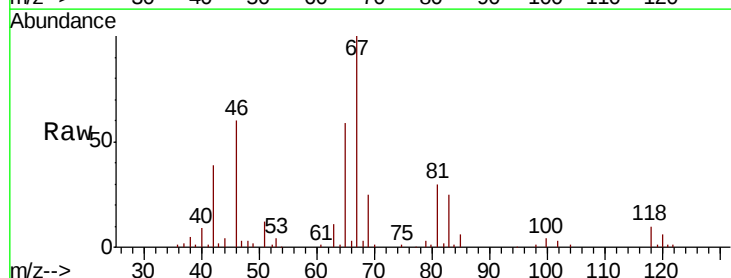
Tgt Ion: 83 Resp: 13705

Ion Ratio Lower Upper

83 100

55 0.0 61.8 92.8#

98 0.8 39.0 58.6#

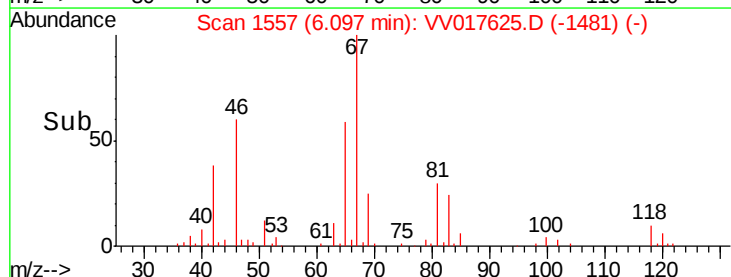


Abundance Ion 83.15 (82.85 to 83.85): VV017613.D (-1563) (-)

Ion 55.10 (54.80 to 55.80): VV017613.D (-1563) (-)

Ion 98.15 (97.85 to 98.85): VV017613.D (-1563) (-)

Time-->



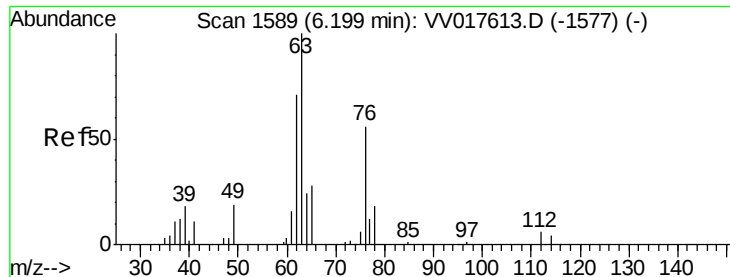
Abundance

Ion 83.15 (82.85 to 83.85): VV017625.D (-1481) (-)

Ion 55.10 (54.80 to 55.80): VV017625.D (-1481) (-)

Ion 98.15 (97.85 to 98.85): VV017625.D (-1481) (-)

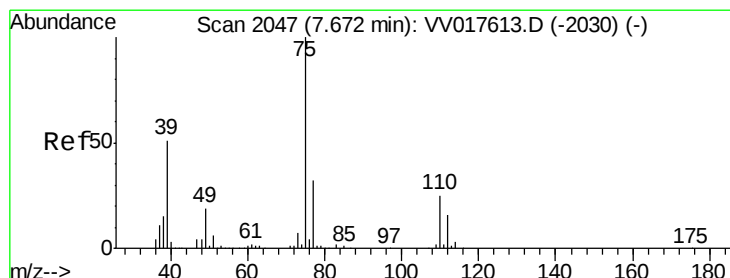
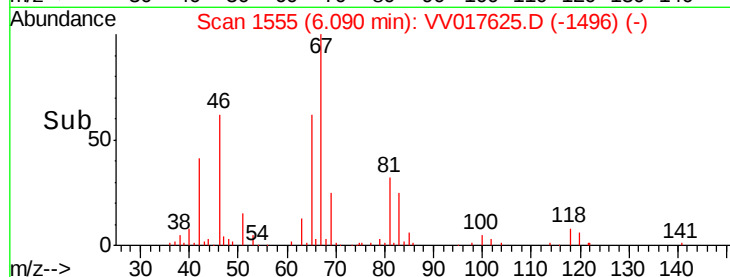
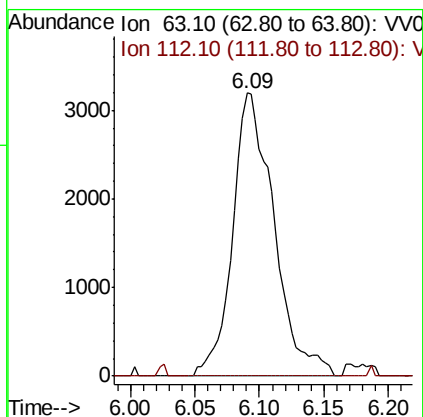
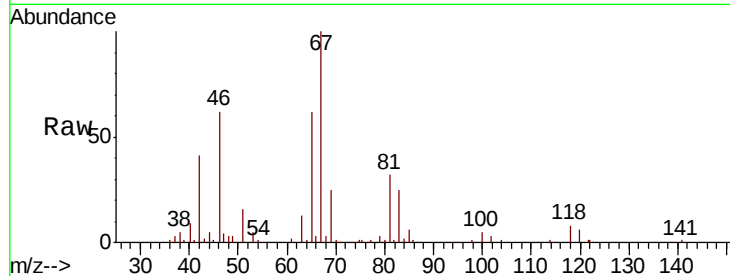
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.683 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV017625.D
 Acq: 24 Jul 2020 00:39

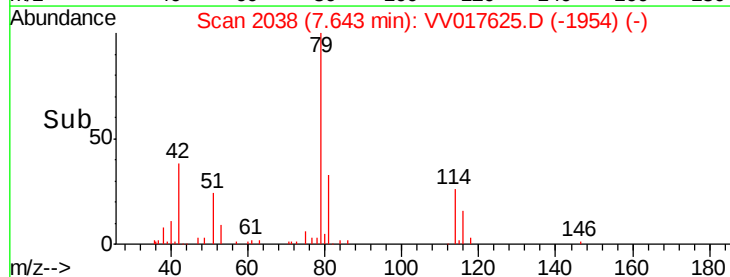
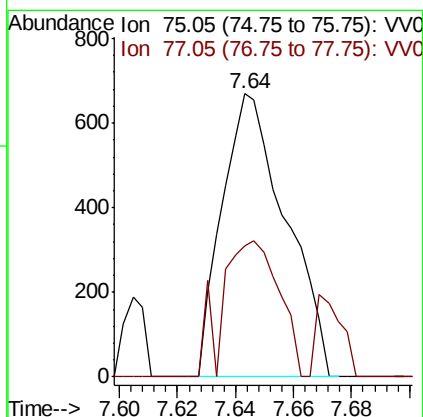
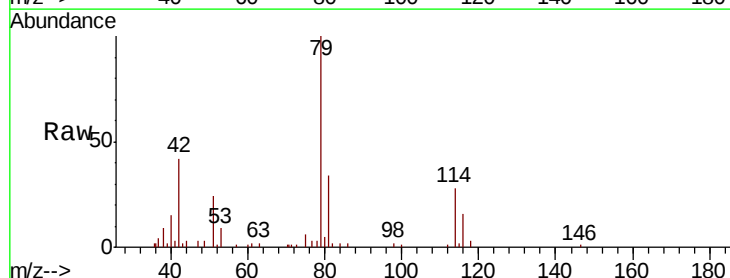
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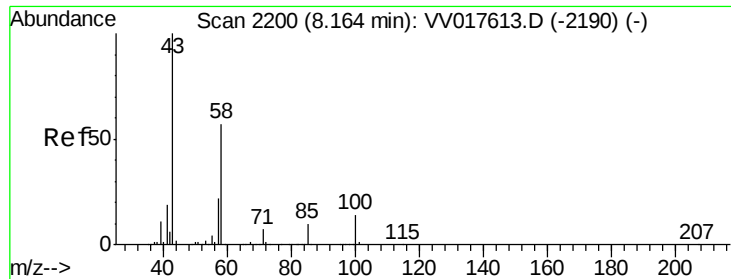
Tot Ion: 63 Resp: 7126
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.5 6.7#



#46
 trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017625.D
 Acq: 24 Jul 2020 00:39

Tgt Ion: 75 Resp: 1018
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.5 41.7#





#50
 2-Hexanone
 Concen: 0.785 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV017625.D
 Acq: 24 Jul 2020 00:39

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C59

Tot Ion	Ratio	Lower	Upper
43	100		
58	6.5	41.6	62.4#
57	0.0	15.4	23.0#
100	4.0	11.2	16.8#

