

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
 Data File : VV017111.D
 Acq On : 25 Jun 2020 07:53
 Operator : SY/MD
 Sample : L3102-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L64

Quant Time: Jun 25 11:35:47 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	183547	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	176242	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35658	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.58	69	31613	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.13	63	58389	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	3.93	46	114400	40.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.50%
24) Chloroform-d	4.38	84	96759	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.06	65	52845	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.08	84	179219	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.09	67	54806	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.34	98	165814	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
45) trans-1,3-Dichloropropene-	7.64	79	21726	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
48) 2-Hexanone-d5	8.11	63	84006	38.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.34%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40124	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	66280	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

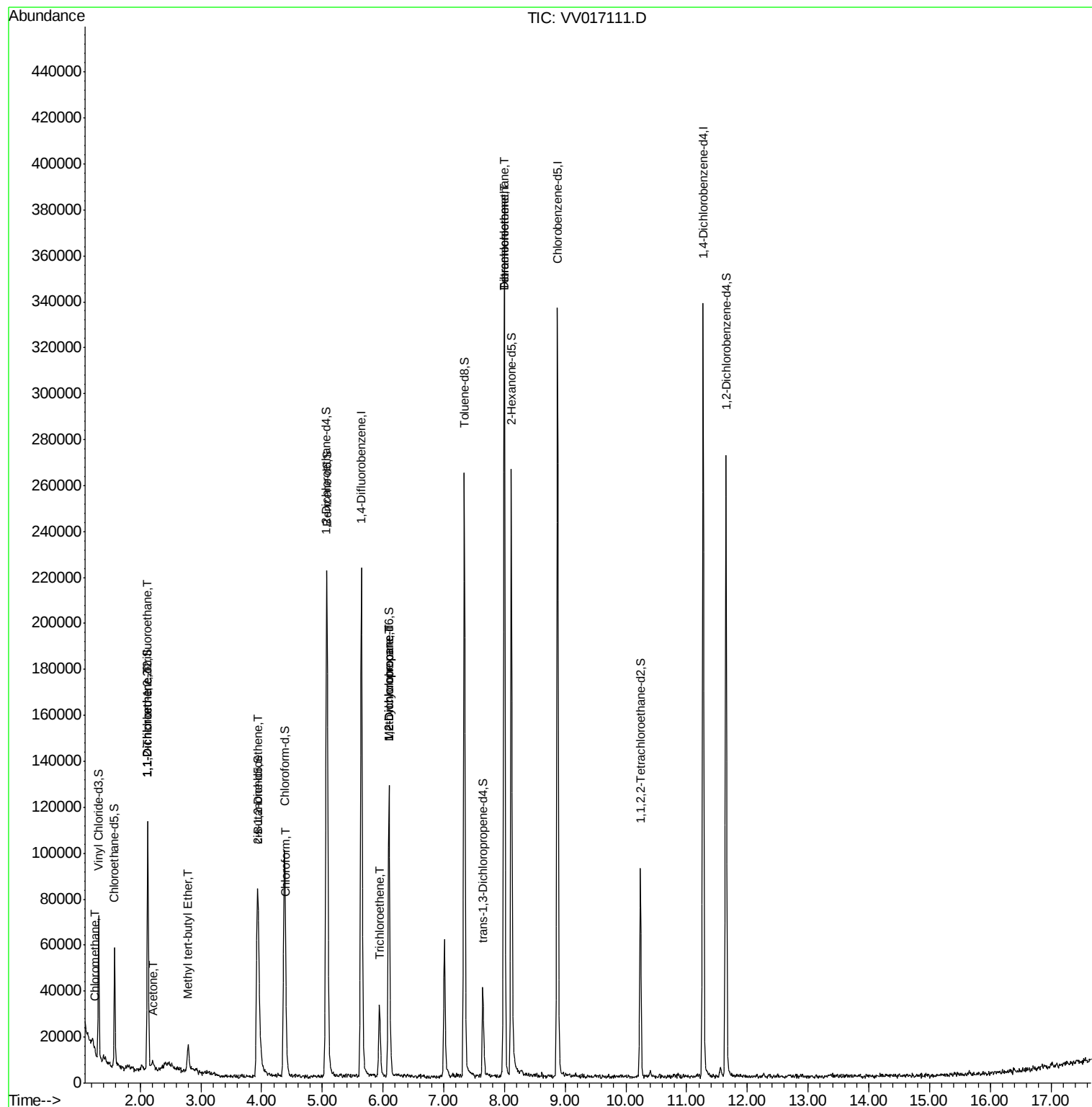
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	1228	0.099	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	833	0.086	ug/L #	25
12) 1,1-Dichloroethene	2.12	96	754	0.086	ug/L #	1
13) Acetone	2.21	43	6679	4.706	ug/L	71
17) Methyl tert-butyl Ether	2.79	73	10450	0.472	ug/L #	90
22) cis-1,2-Dichloroethene	3.94	96	15453	1.211	ug/L #	90
25) Chloroform	4.41	83	5125	0.224	ug/L	98
34) Trichloroethene	5.94	95	11283	0.835	ug/L	96
35) Methylcyclohexane	6.10	83	14710	0.700	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6878	0.602	ug/L #	85
49) Tetrachloroethene	8.00	164	81459	7.488	ug/L	99
51) Dibromochloromethane	8.00	129	73711	7.504	ug/L #	11

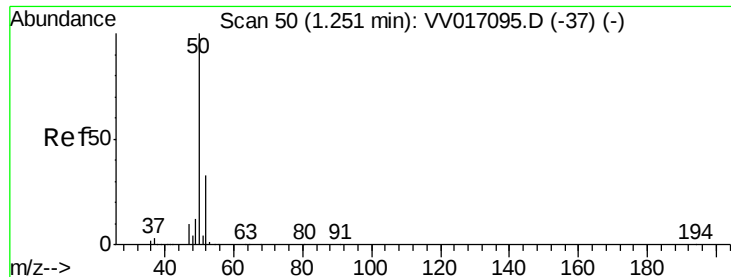
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.099 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV017111.D

Acq: 25 Jun 2020 07:53

Instrument :

MSVOA_V

ClientSampled :

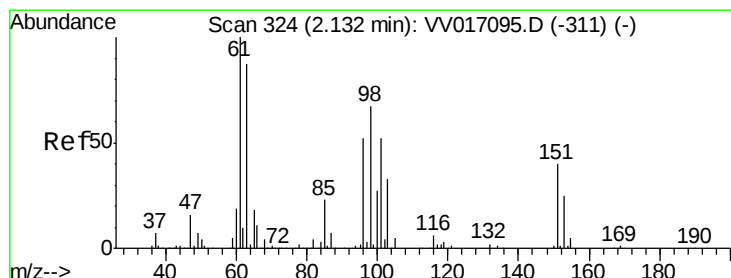
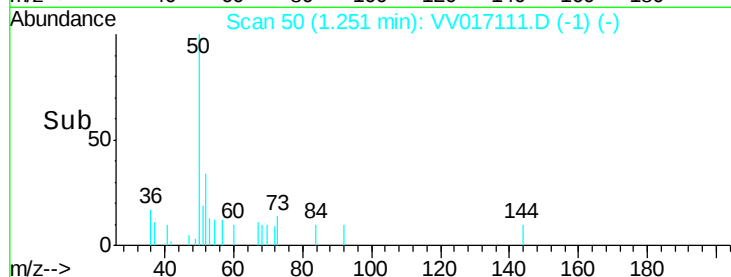
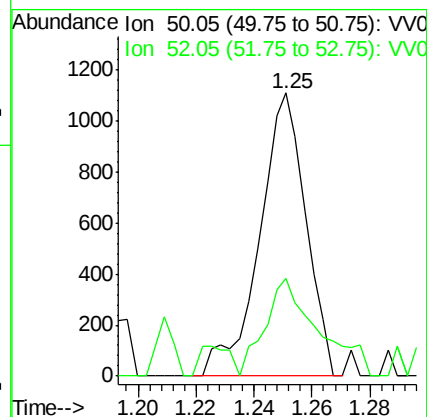
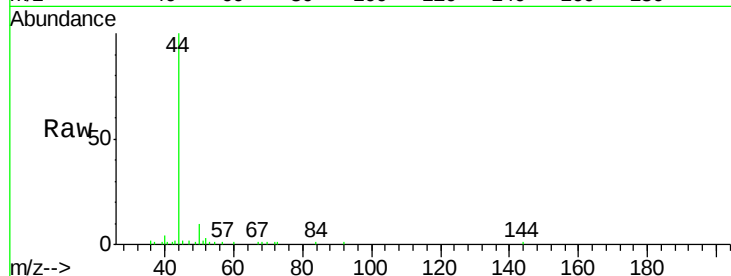
F9L64

Tgt Ion: 50 Resp: 1228

Ion Ratio Lower Upper

50 100

52 34.4 22.5 41.9



#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017111.D

Acq: 25 Jun 2020 07:53

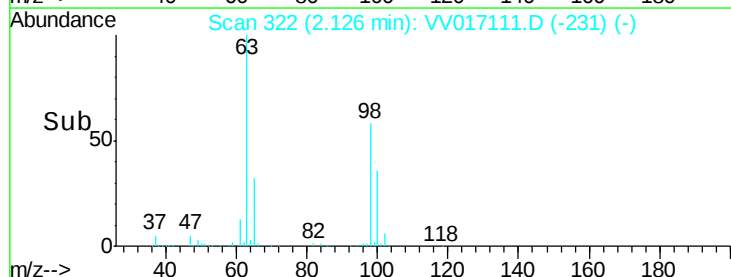
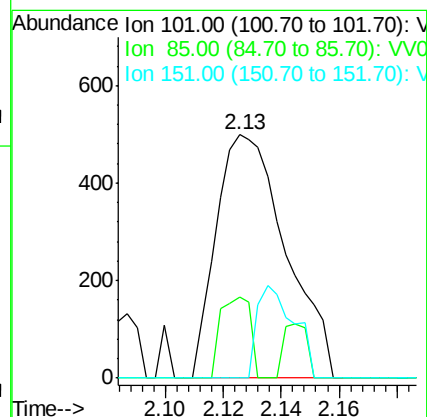
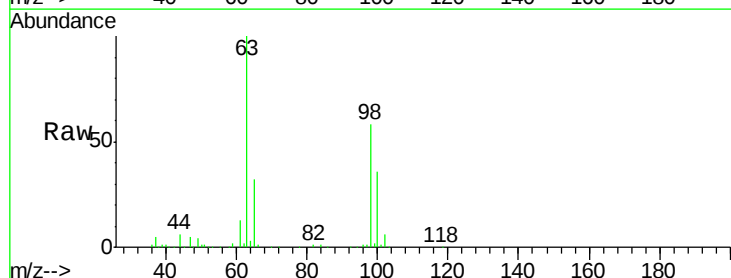
Tgt Ion: 101 Resp: 833

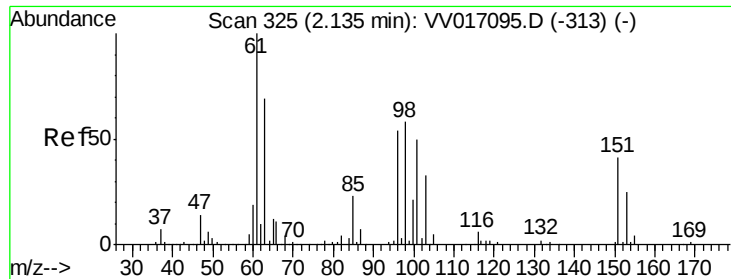
Ion Ratio Lower Upper

101 100

85 14.3 35.4 53.2#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017111.D

Acq: 25 Jun 2020 07:53

Instrument :

MSVOA_V

ClientSampleId :

F9L64

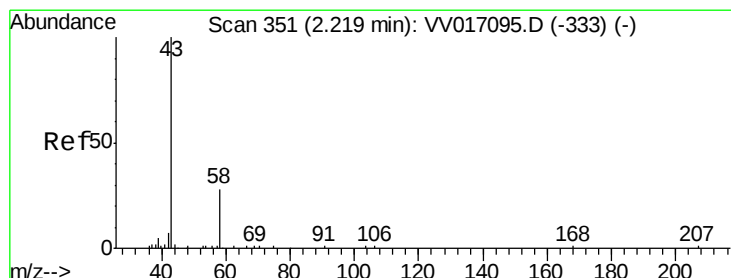
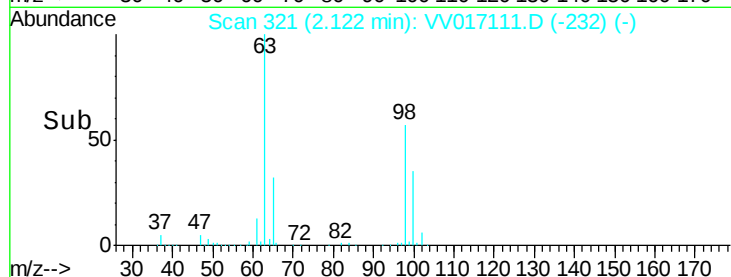
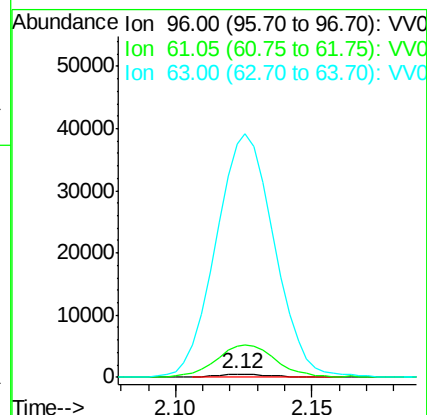
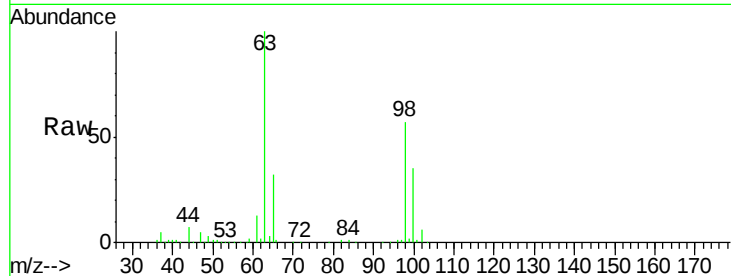
Tgt Ion: 96 Resp: 754

Ion Ratio Lower Upper

96 100

61 999.4 125.0 232.2#

63 7434.9 109.8 203.8#



#13

Acetone

Concen: 4.706 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV017111.D

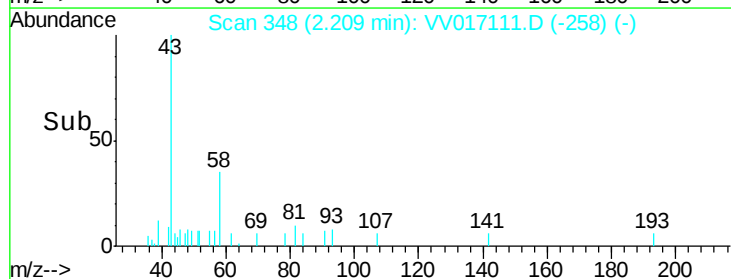
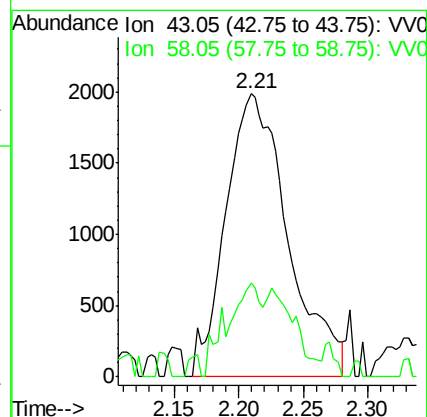
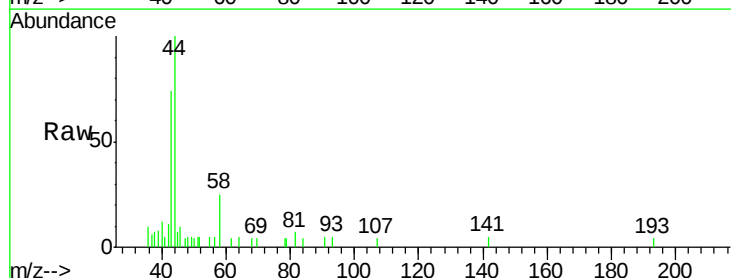
Acq: 25 Jun 2020 07:53

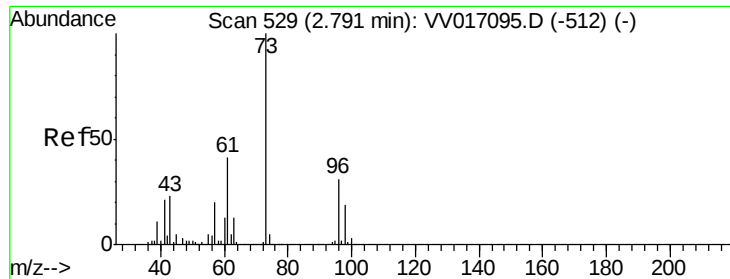
Tgt Ion: 43 Resp: 6679

Ion Ratio Lower Upper

43 100

58 13.7 0.0 58.4

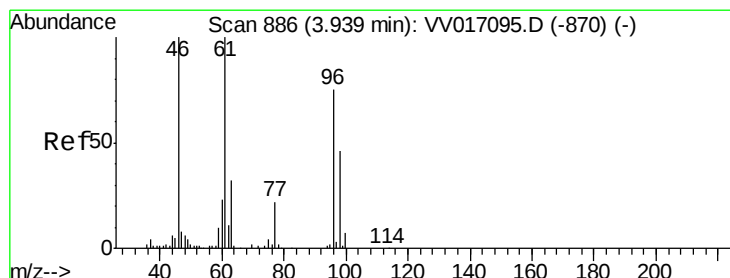
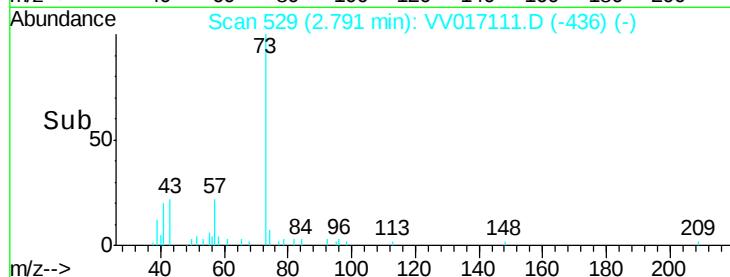
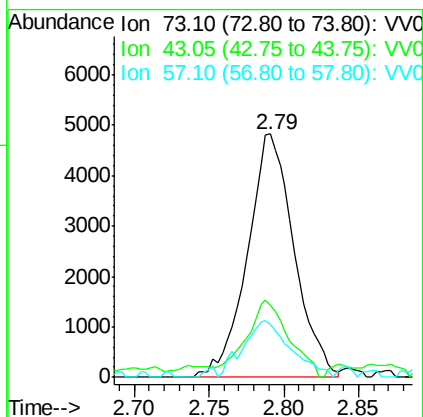
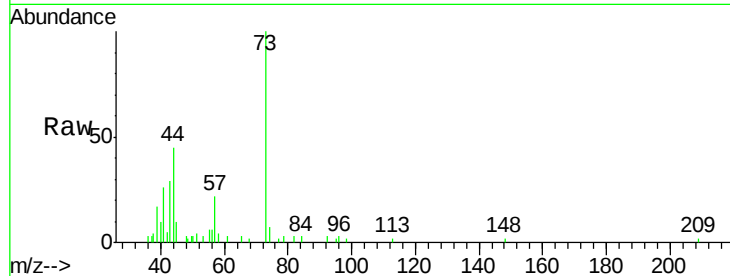




#17
Methyl tert-butyl Ether
Concen: 0.472 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV017111.D
Acq: 25 Jun 2020 07:53

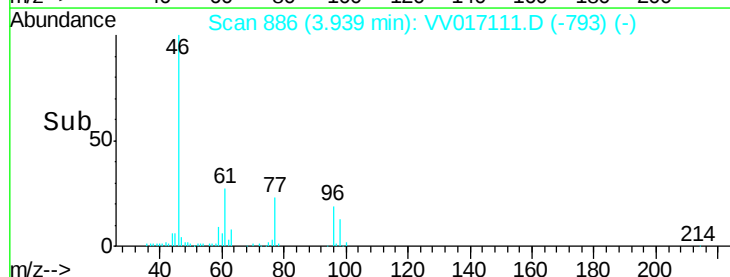
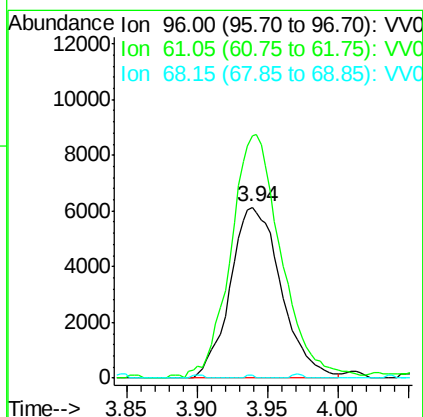
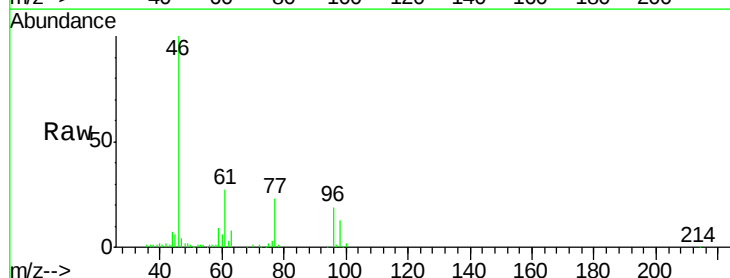
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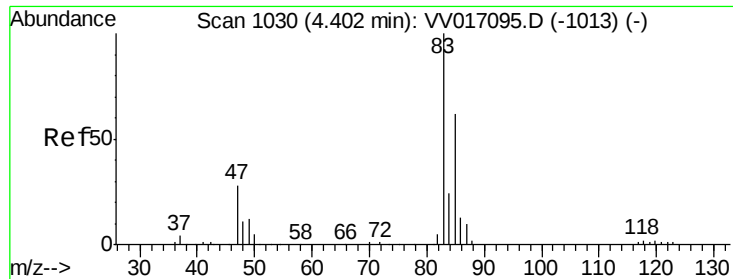
Tgt Ion: 73 Resp: 10450
Ion Ratio Lower Upper
73 100
43 29.7 18.6 28.0#
57 23.9 16.4 24.6



#22
cis-1,2-Dichloroethene
Concen: 1.211 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017111.D
Acq: 25 Jun 2020 07:53

Tgt Ion: 96 Resp: 15453
Ion Ratio Lower Upper
96 100
61 141.7 91.0 169.0
68 1.7 0.0 0.0#

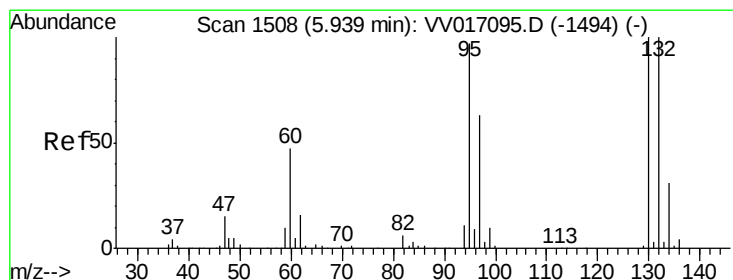
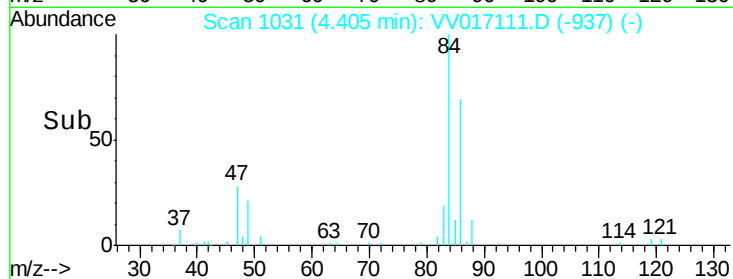
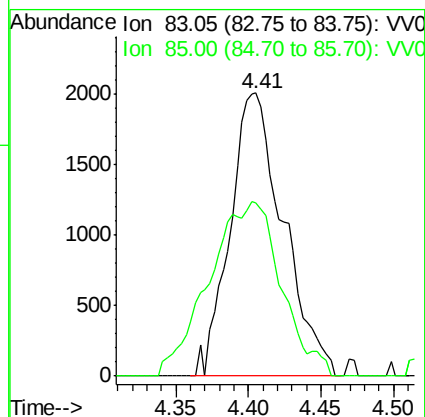
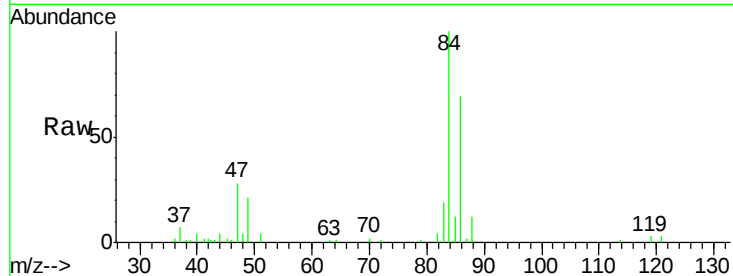




#25
Chloroform
Concen: 0.224 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017111.D
Acq: 25 Jun 2020 07:53

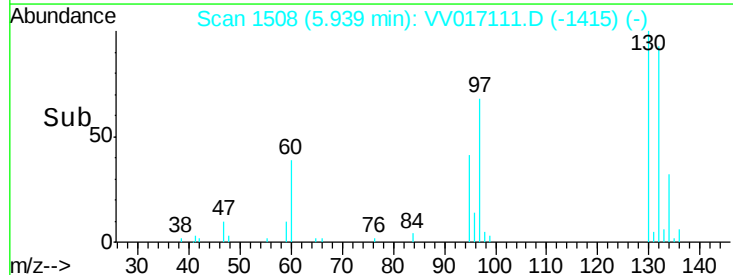
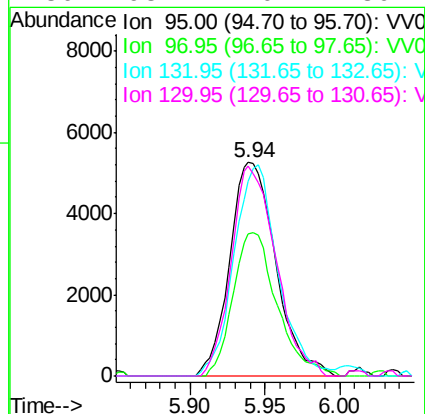
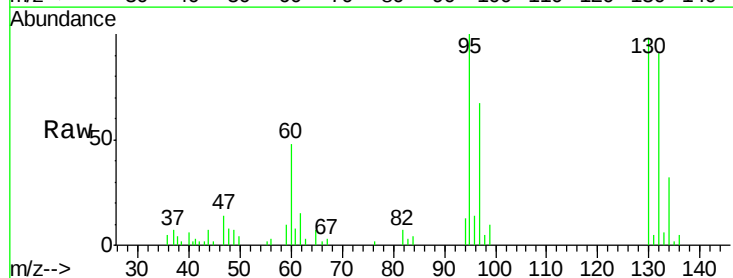
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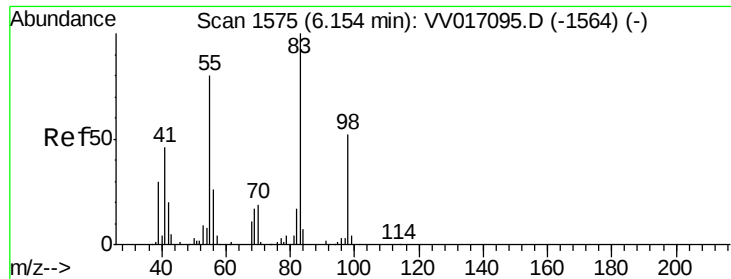
Tgt Ion: 83 Resp: 5125
Ion Ratio Lower Upper
83 100
85 61.3 44.2 82.2



#34
Trichloroethene
Concen: 0.835 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VV017111.D
Acq: 25 Jun 2020 07:53

Tgt Ion: 95 Resp: 11283
Ion Ratio Lower Upper
95 100
97 66.6 45.3 84.1
132 90.9 68.8 127.8
130 98.2 70.2 130.4

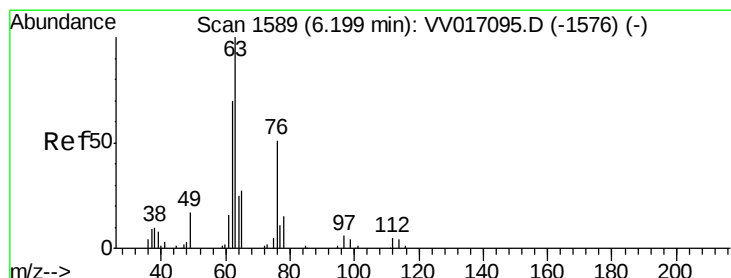
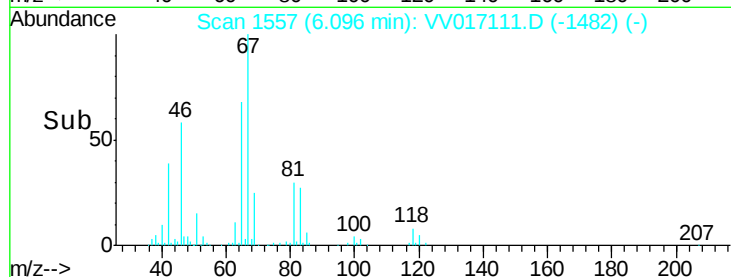
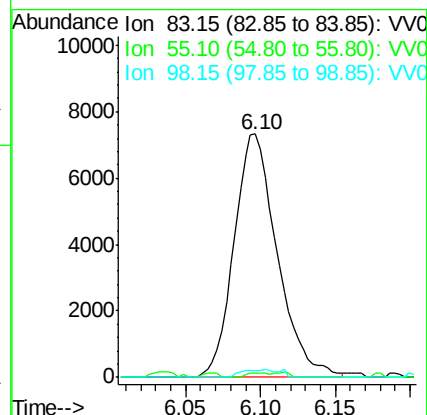
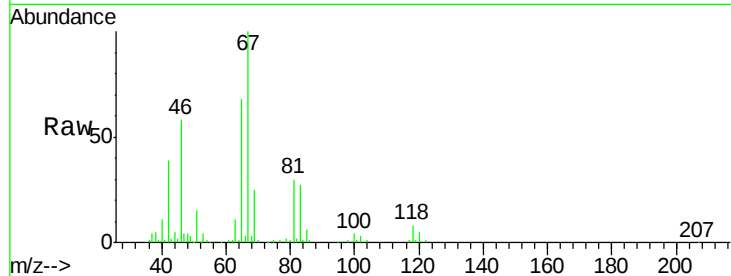




#35
Methylcyclohexane
Concen: 0.700 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017111.D
Acq: 25 Jun 2020 07:53

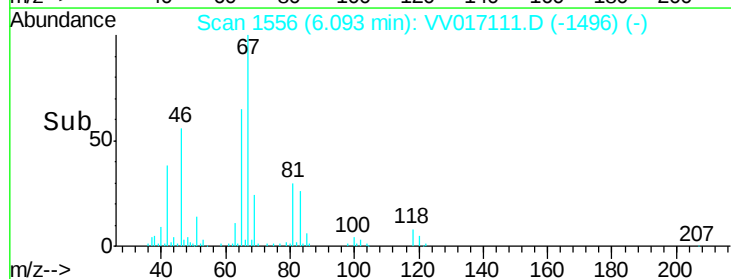
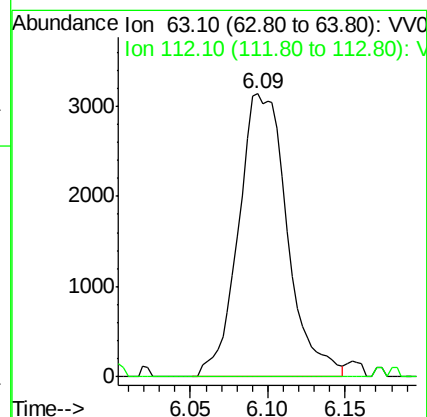
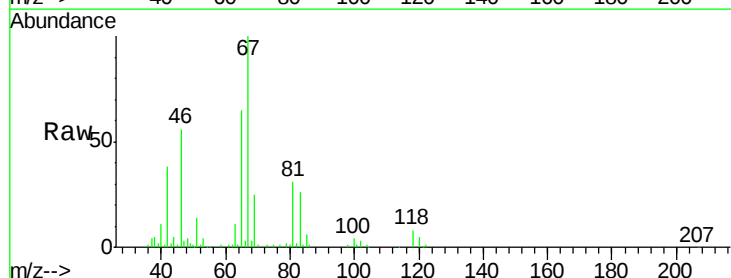
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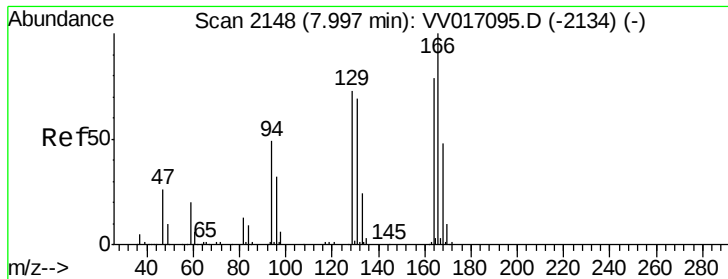
Tgt Ion: 83 Resp: 14710
Ion Ratio Lower Upper
83 100
55 0.9 63.6 95.4#
98 0.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017111.D
Acq: 25 Jun 2020 07:53

Tgt Ion: 63 Resp: 6878
Ion Ratio Lower Upper
63 100
112 0.6 4.4 6.6#





#49

Tetrachloroethene

Concen: 7.488 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017111.D

Acq: 25 Jun 2020 07:53

Instrument :

MSVOA_V

ClientSampleId :

F9L64

Tgt Ion:164 Resp: 81459

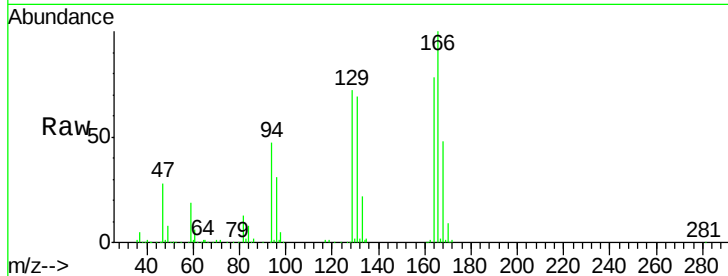
Ion Ratio Lower Upper

164 100

129 92.1 65.2 121.0

131 89.3 64.1 119.1

166 128.8 90.2 167.4

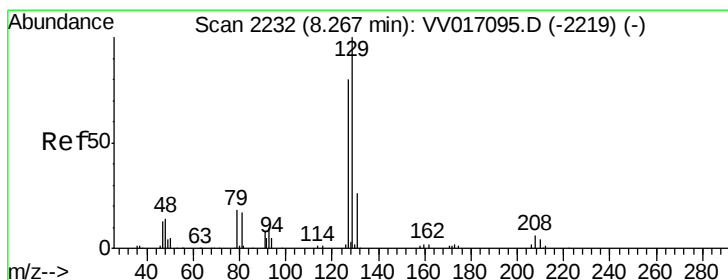
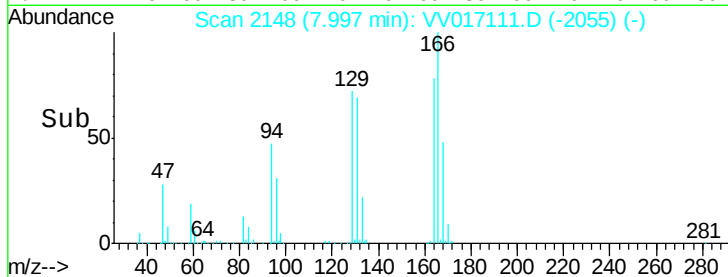
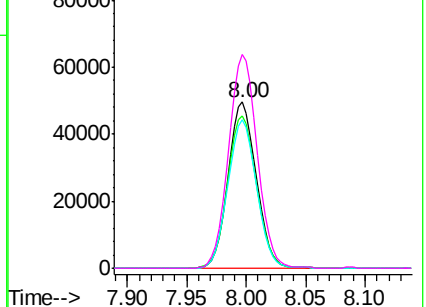


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Dibromochloromethane

Concen: 7.504 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017111.D

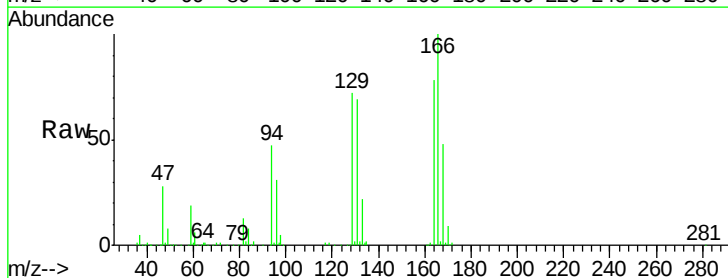
Acq: 25 Jun 2020 07:53

Tgt Ion:129 Resp: 73711

Ion Ratio Lower Upper

129 100

127 0.4 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

