

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
 Data File : VV017113.D
 Acq On : 25 Jun 2020 08:41
 Operator : SY/MD
 Sample : L3102-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L66

Quant Time: Jun 25 11:36:05 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	175262	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170010	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36198	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.58	69	30438	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.13	63	57261	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.93	46	117190	43.71	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.42%
24) Chloroform-d	4.38	84	98094	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.06	65	52441	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.08	84	183198	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.10	67	54947	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.34	98	161703	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
45) trans-1,3-Dichloropropene-	7.65	79	19947	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
48) 2-Hexanone-d5	8.11	63	85830	40.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40647	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	67184	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

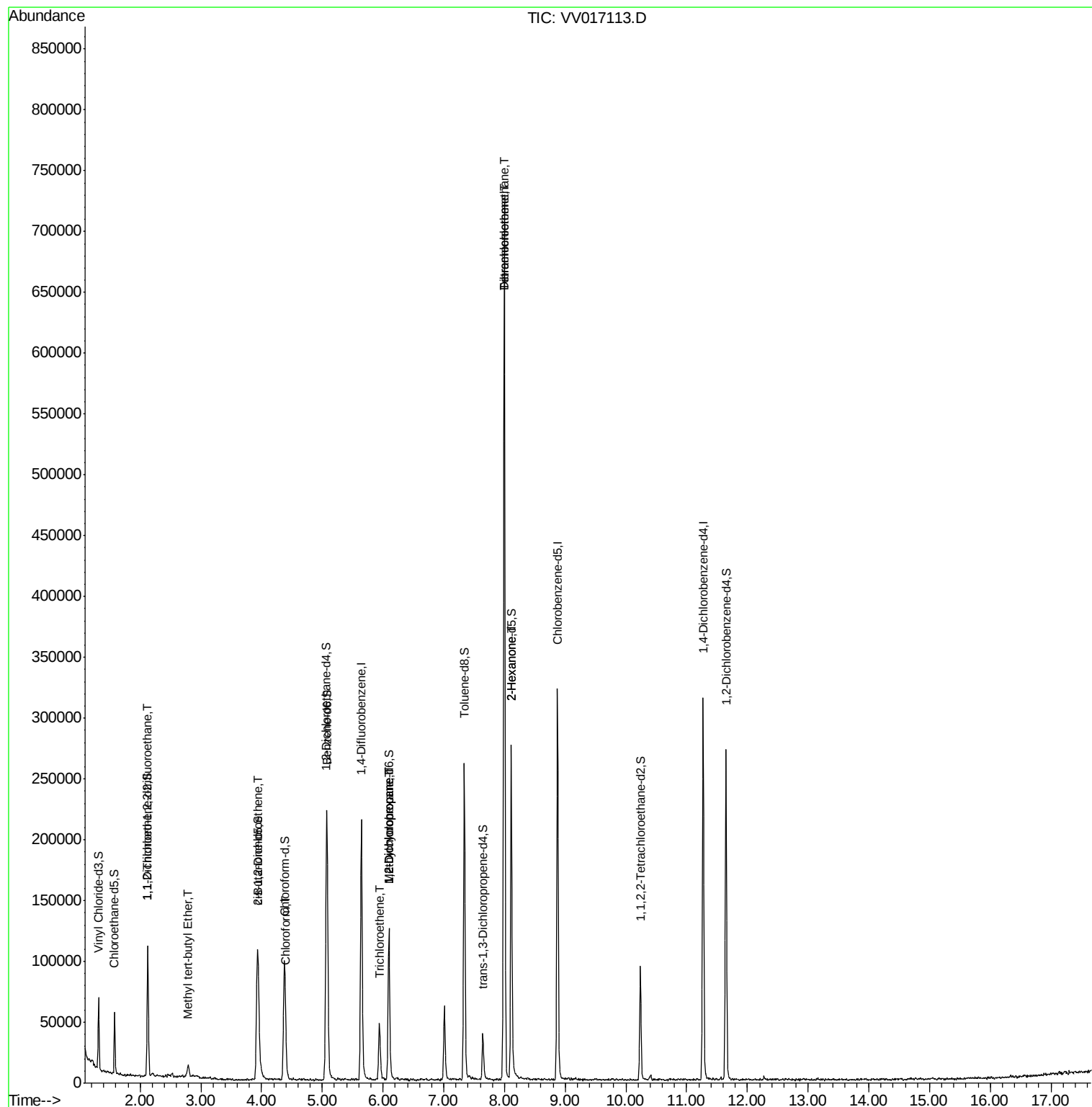
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	801	0.086	ug/L #	20
17) Methyl tert-butyl Ether	2.79	73	8320	0.394	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	29223	2.397	ug/L	98
25) Chloroform	4.41	83	5060	0.231	ug/L	90
34) Trichloroethene	5.94	95	16180	1.241	ug/L	97
35) Methylcyclohexane	6.09	83	14402	0.711	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	7353	0.667	ug/L #	85
49) Tetrachloroethene	8.00	164	154647	14.738	ug/L	98
50) 2-Hexanone	8.11	43	12702	2.805	ug/L #	70
51) Dibromochloromethane	8.00	129	142028	14.989	ug/L #	11

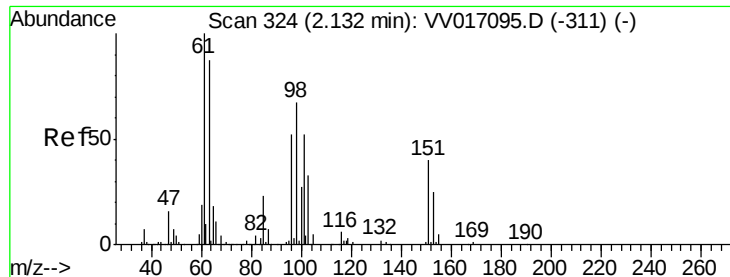
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
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Acq On : 25 Jun 2020 08:41
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QLast Update : Thu Jun 25 11:33:08 2020
Response via : Initial Calibration





#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: VV017113.D

Acq: 25 Jun 2020 08:41

Instrument :

MSVOA_V

ClientSampleId :

F9L66

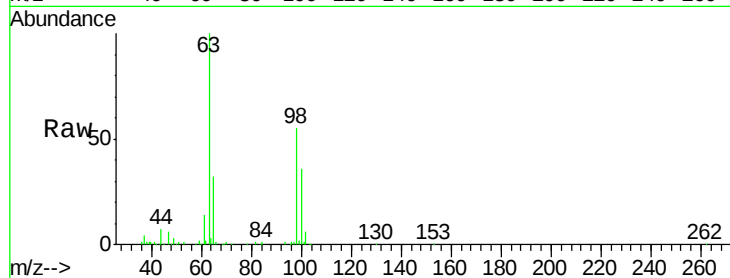
Tgt Ion: 101 Resp: 801

Ion Ratio Lower Upper

101 100

85 5.5 35.4 53.2#

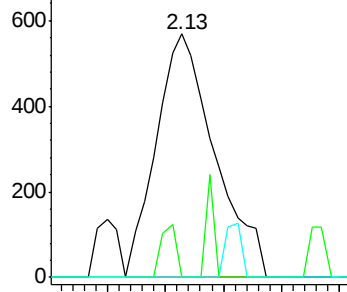
151 0.0 63.9 95.9#



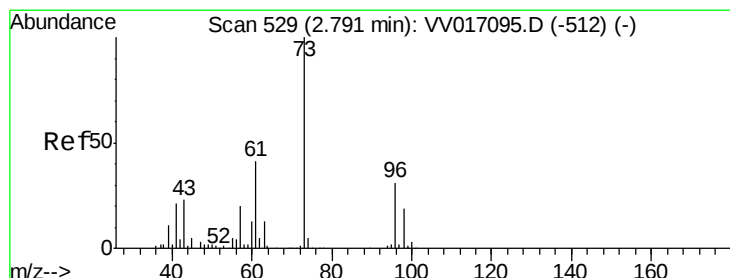
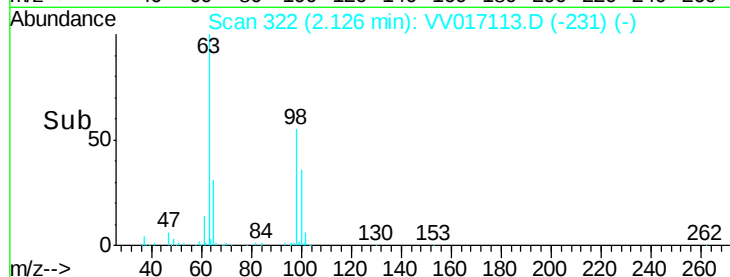
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#17

Methyl tert-butyl Ether

Concen: 0.394 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV017113.D

Acq: 25 Jun 2020 08:41

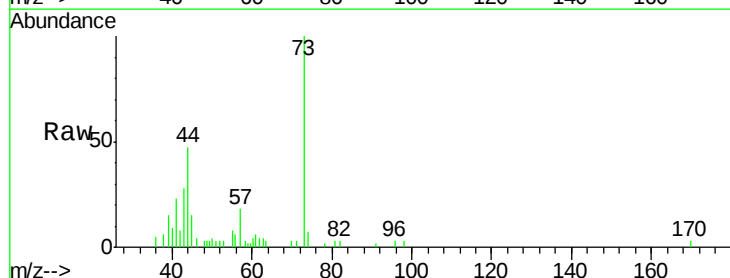
Tgt Ion: 73 Resp: 8320

Ion Ratio Lower Upper

73 100

43 24.4 18.6 28.0

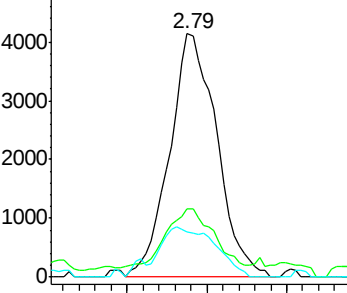
57 23.6 16.4 24.6



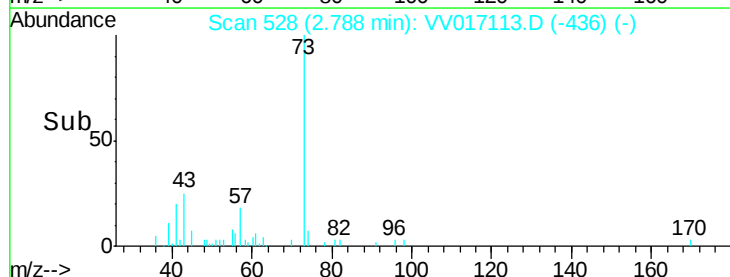
Abundance Ion 73.10 (72.80 to 73.80): VV0

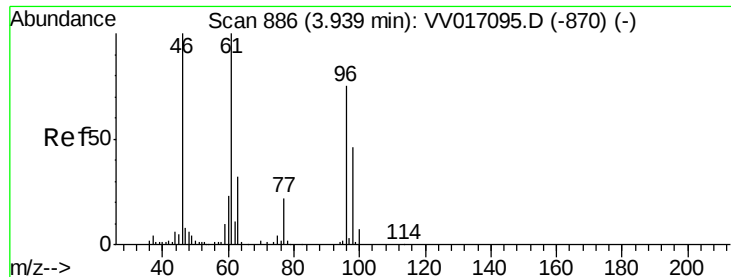
Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



Time-->



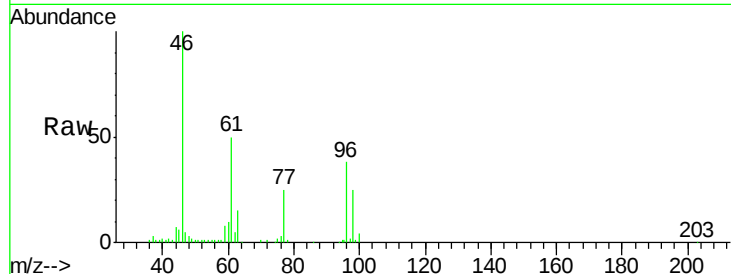


#22

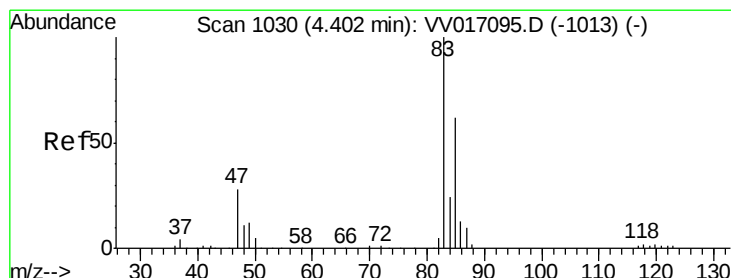
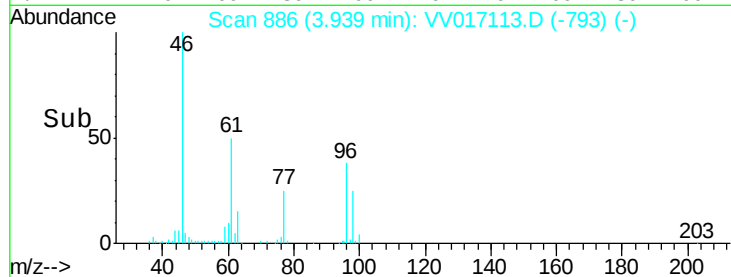
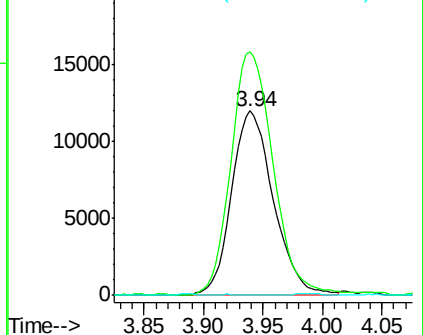
cis-1,2-Dichloroethene
Concen: 2.397 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017113.D
Acq: 25 Jun 2020 08:41

Instrument :
MSVOA_V
ClientSampled :
F9L66

Tgt Ion: 96 Resp: 29223
Ion Ratio Lower Upper
96 100
61 132.0 91.0 169.0
68 0.0 0.0 0.0



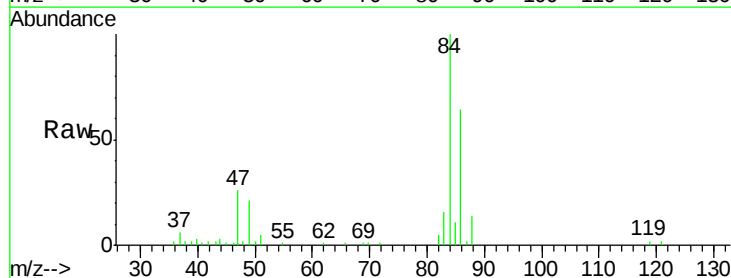
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



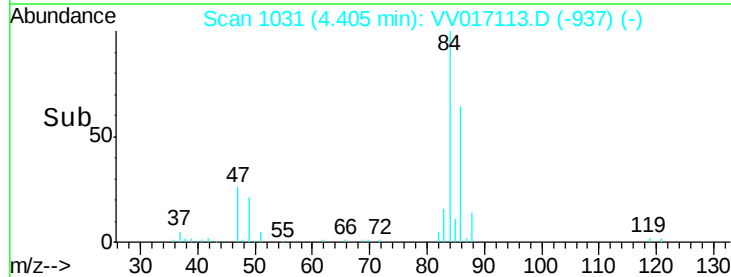
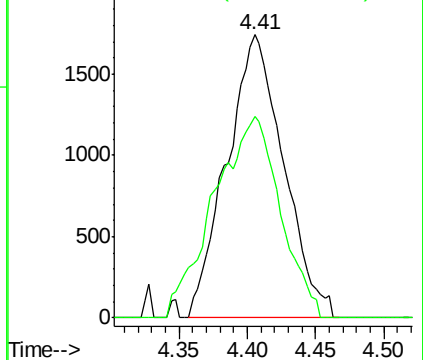
#25

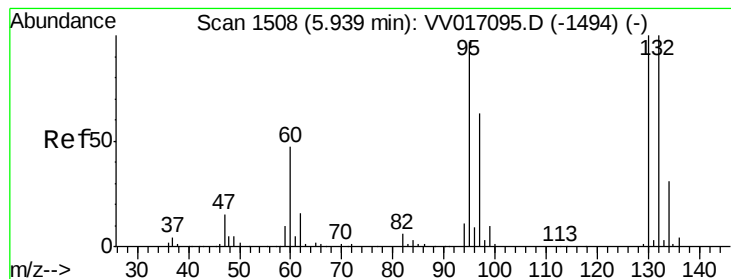
Chloroform
Concen: 0.231 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017113.D
Acq: 25 Jun 2020 08:41

Tgt Ion: 83 Resp: 5060
Ion Ratio Lower Upper
83 100
85 71.0 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: 1.241 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV017113.D

Acq: 25 Jun 2020 08:41

Instrument :

MSVOA_V

ClientSampled :

F9L66

Tgt Ion: 95 Resp: 16180

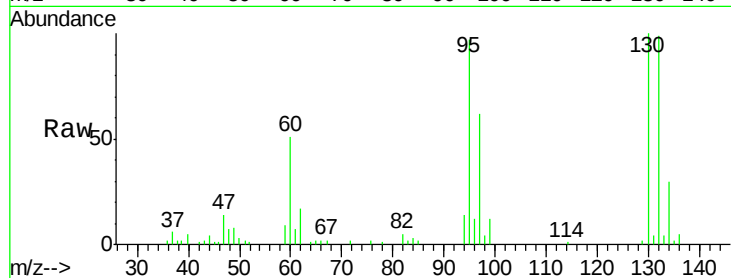
Ion Ratio Lower Upper

95 100

97 63.4 45.3 84.1

132 102.0 68.8 127.8

130 103.0 70.2 130.4

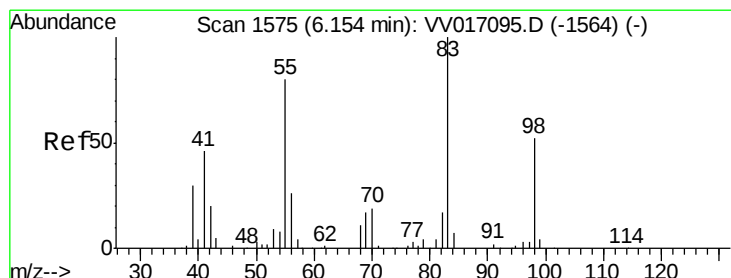
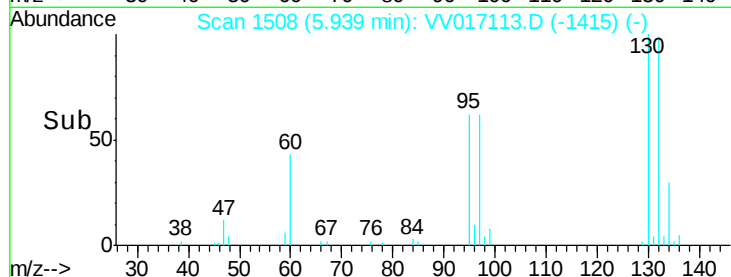
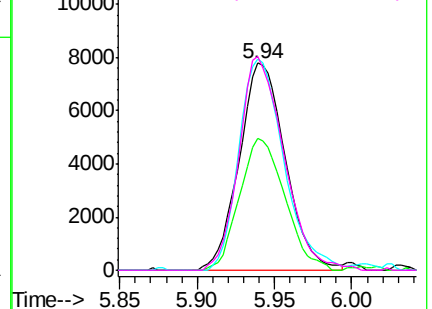


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017113.D

Acq: 25 Jun 2020 08:41

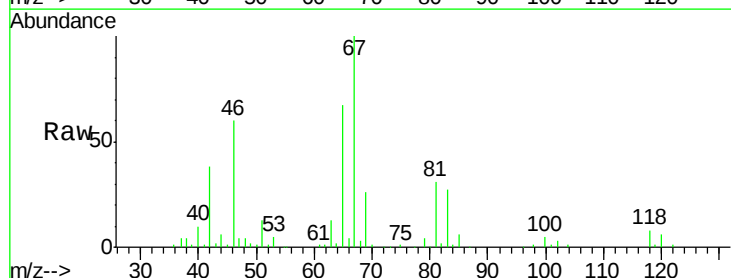
Tgt Ion: 83 Resp: 14402

Ion Ratio Lower Upper

83 100

55 2.0 63.6 95.4#

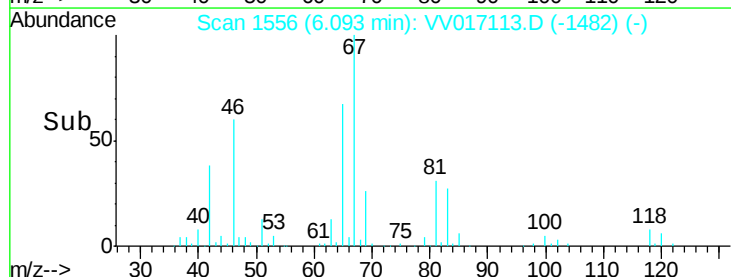
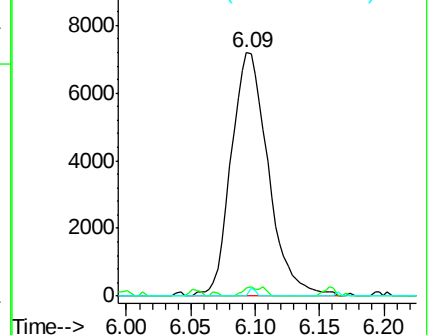
98 0.5 38.8 58.2#

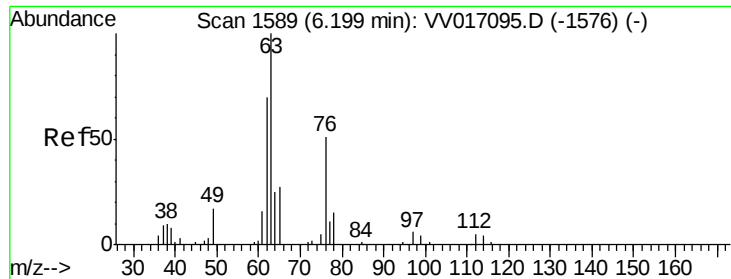


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

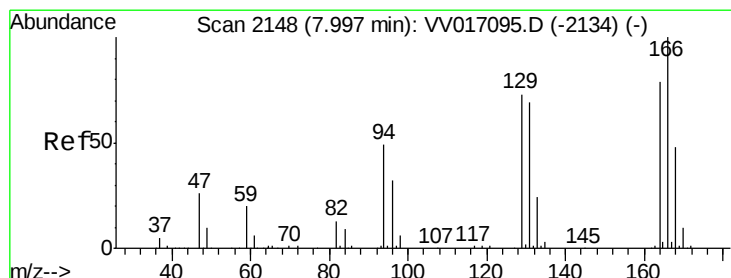
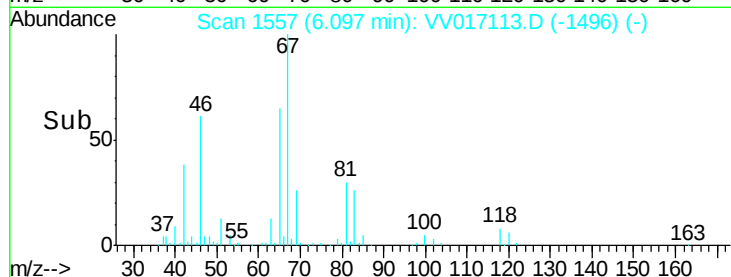
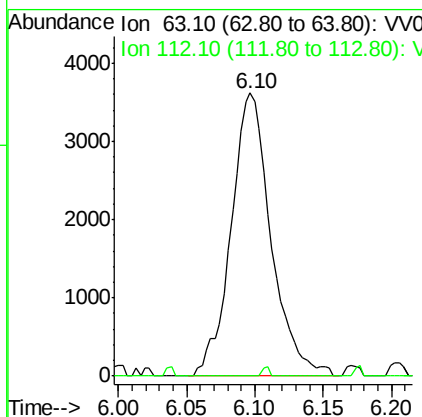
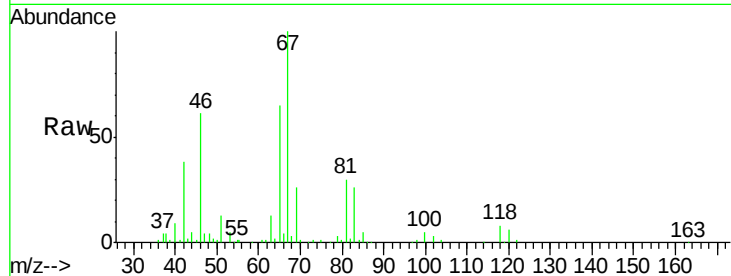




#37
 1,2-Dichloropropane
 Concen: 0.667 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017113.D
 Acq: 25 Jun 2020 08:41

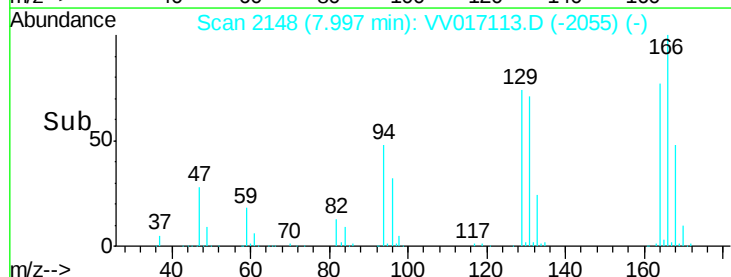
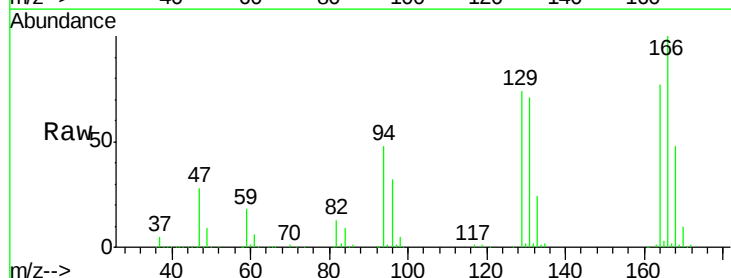
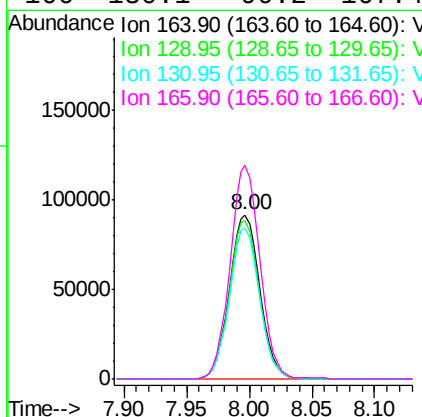
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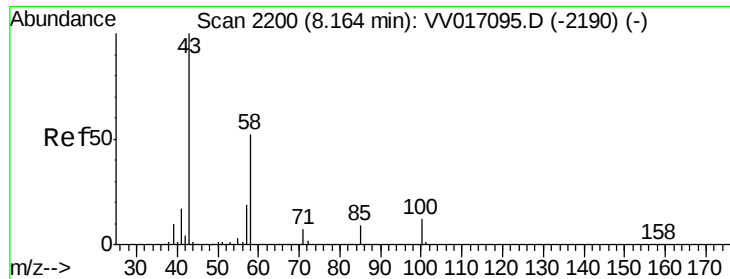
Tgt Ion: 63 Resp: 7353
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#49
 Tetrachloroethene
 Concen: 14.738 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017113.D
 Acq: 25 Jun 2020 08:41

Tgt Ion: 164 Resp: 154647
 Ion Ratio Lower Upper
 164 100
 129 96.7 65.2 121.0
 131 92.0 64.1 119.1
 166 130.1 90.2 167.4

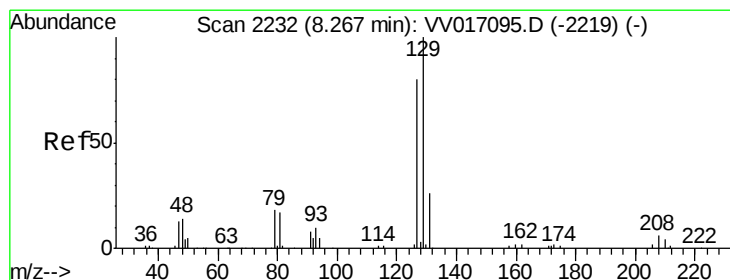
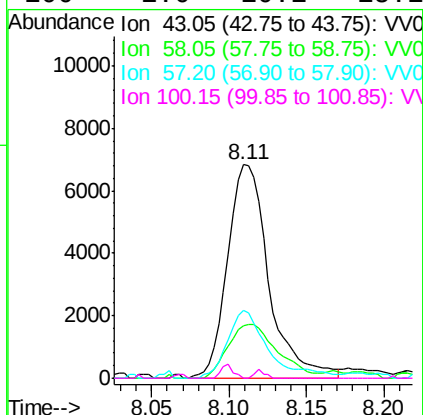
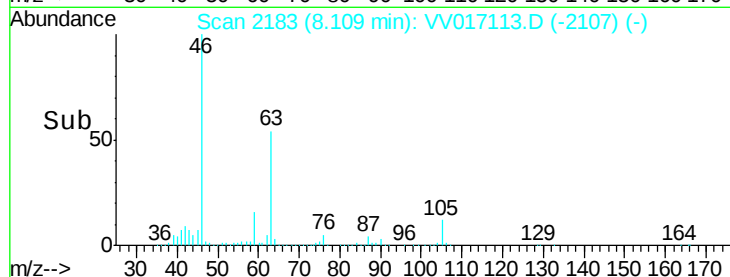
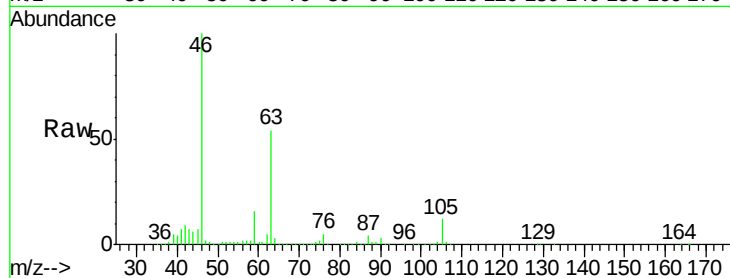




#50
2-Hexanone
Concen: 2.805 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV017113.D
Acq: 25 Jun 2020 08:41

Instrument :
MSVOA_V
ClientSampleId :
F9L66

Tgt Ion: 43 Resp: 12702
Ion Ratio Lower Upper
43 100
58 30.1 41.6 62.4#
57 31.5 15.4 23.0#
100 1.0 10.1 15.1#



#51
Dibromochloromethane
Concen: 14.989 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017113.D
Acq: 25 Jun 2020 08:41

Tgt Ion: 129 Resp: 142028
Ion Ratio Lower Upper
129 100
127 0.2 54.1 100.5#

