

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018592.D
 Acq On : 01 Oct 2020 15:58
 Operator : SY/MD
 Sample : L4203-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N9

Quant Time: Oct 01 23:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 23:37:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306893	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309211	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99774	55.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.86%
7) Chloroethane-d5	1.58	69	90227	60.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.26%
11) 1,1-Dichloroethene-d2	2.12	63	163643	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
21) 2-Butanone-d5	3.91	46	117049	87.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.18%
24) Chloroform-d	4.37	84	185093	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.05	65	123139	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.07	84	373459	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.09	67	113260	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.72%
41) Toluene-d8	7.34	98	347799	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.64	79	57810	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.11	63	84977	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	147153	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	155973	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

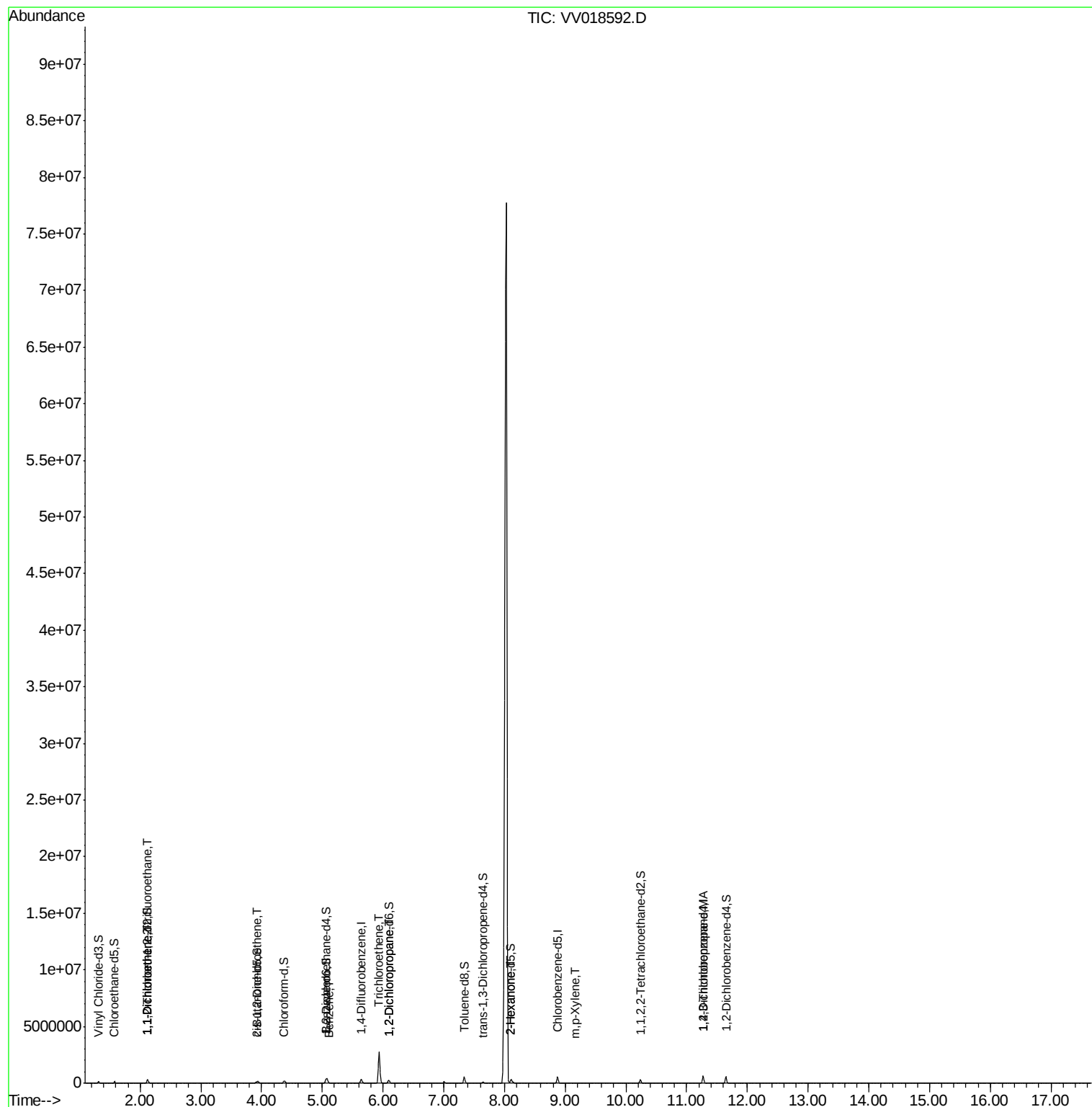
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1611	0.807	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	8028	4.190	ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	62562	26.854	ug/L	99
33) Benzene	5.13	78	34698	3.820	ug/L	100
34) Trichloroethene	5.94	95	947669	359.334	ug/L	99
37) 1,2-Dichloropropane	6.09	63	13521	5.801	ug/L #	85
48) 2-Hexanone	8.11	43	9909	4.223	ug/L #	66
53) m,p-Xylene	9.17	106	2807	0.662	ug/L	93
59) 1,2,3-Trichloropropane	11.27	75	18396	6.489	ug/L	90

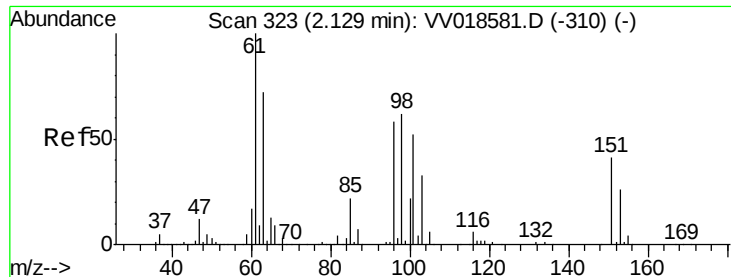
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 23:37:24 2020
Response via : Initial Calibration





#10

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

Concen: 0.807 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018592.D

Acq: 01 Oct 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

BG3N9

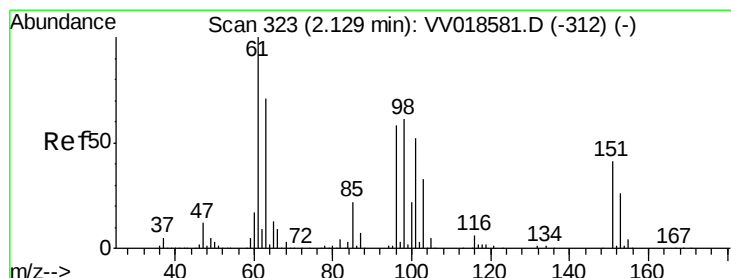
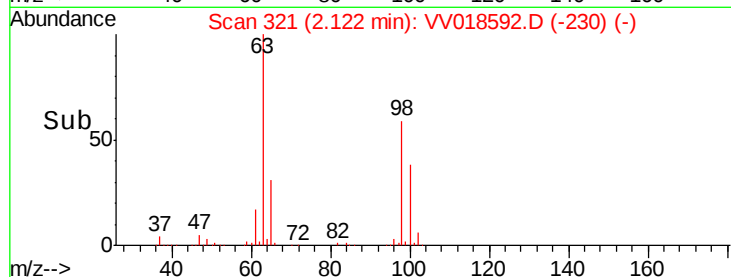
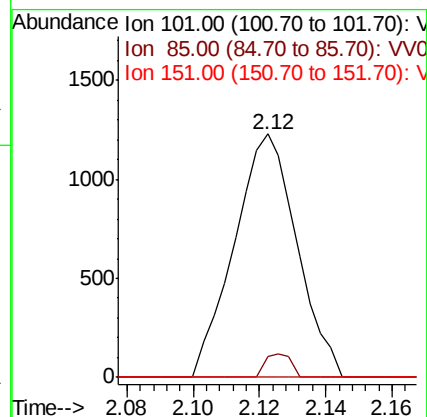
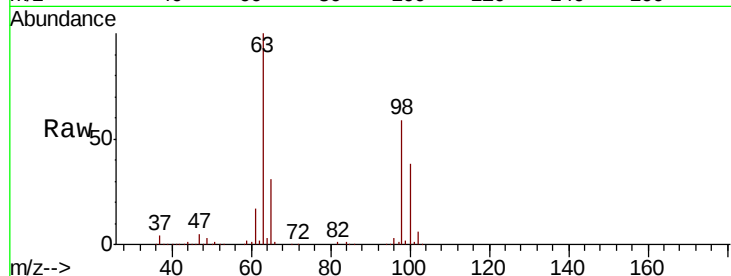
Tot Ion:101 Resp: 1611

Ion Ratio Lower Upper

101 100

85 4.0 34.6 52.0#

151 0.0 64.3 96.5#



#12

1,1-Dichloroethene

Concen: 4.190 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018592.D

Acq: 01 Oct 2020 15:58

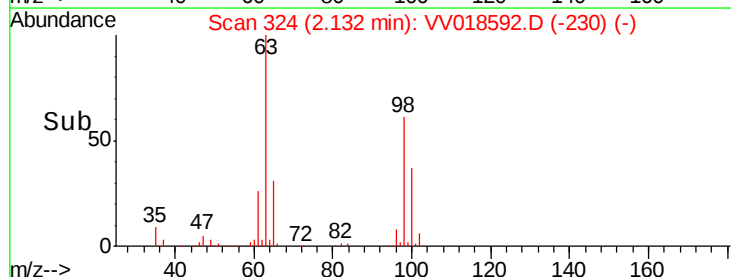
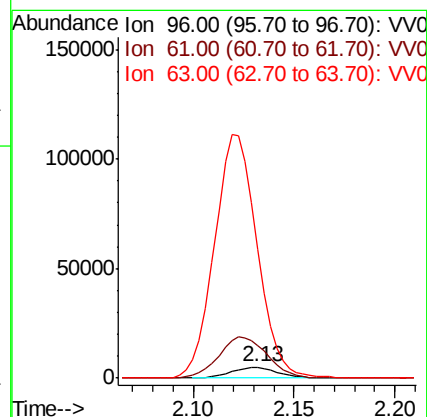
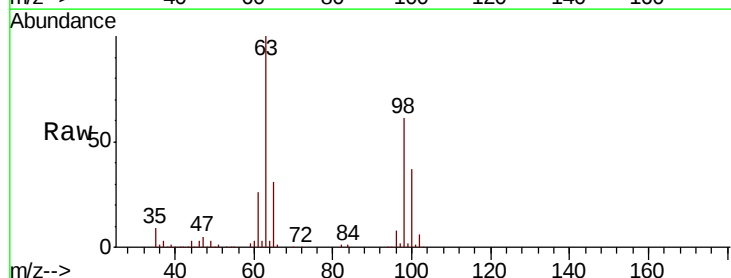
Tgt Ion: 96 Resp: 8028

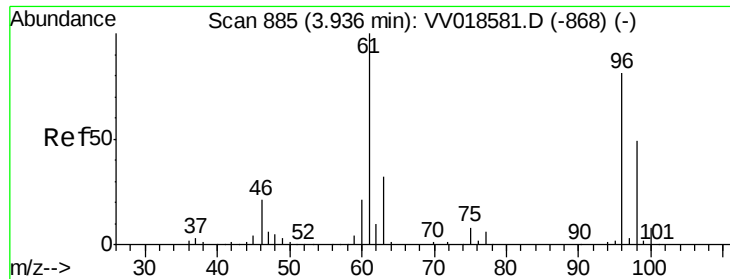
Ion Ratio Lower Upper

96 100

61 304.8 122.8 228.1#

63 1180.8 91.9 170.7#

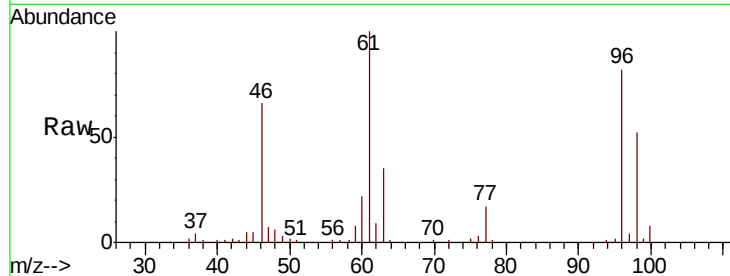




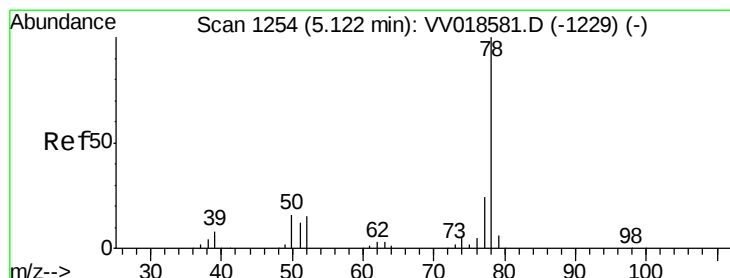
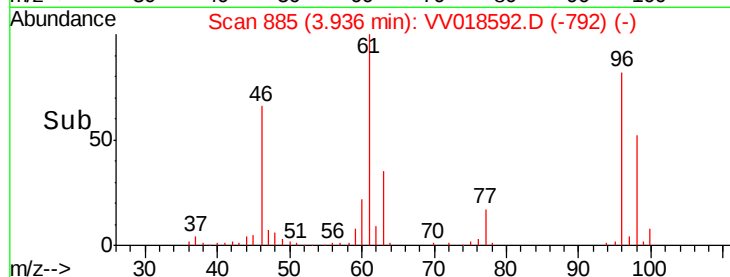
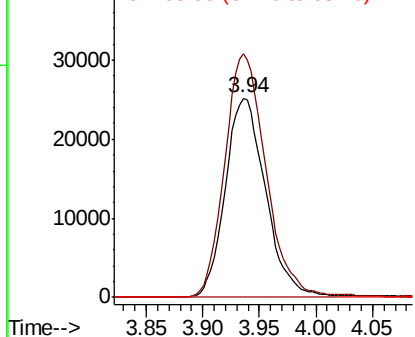
#20
 cis-1,2-Dichloroethene
 Concen: 26.854 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV018592.D
 Acq: 01 Oct 2020 15:58

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N9

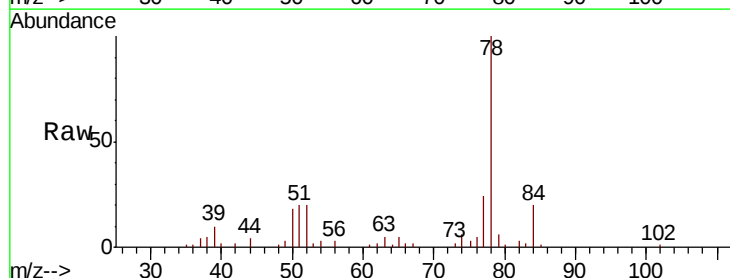
Tot Ion: 96 Resp: 62562
 Ion Ratio Lower Upper
 96 100
 61 122.3 86.8 161.2
 68 0.0 0.0 0.0



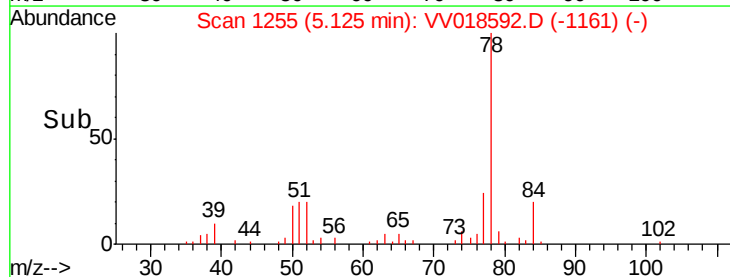
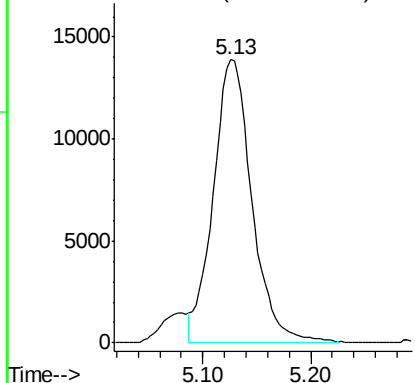
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

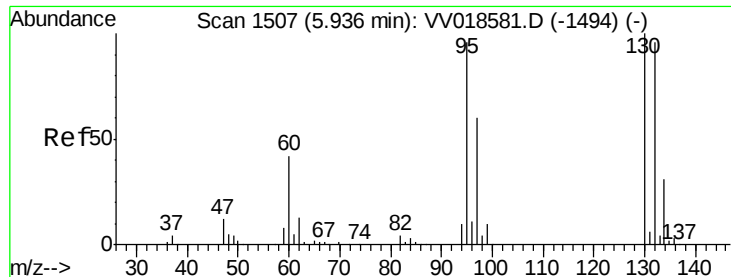


#33
 Benzene
 Concen: 3.820 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VV018592.D
 Acq: 01 Oct 2020 15:58
 Tgt Ion: 78 Resp: 34698



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 359.334 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018592.D

Acq: 01 Oct 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

BG3N9

Tot Ion: 95 Resp: 947669

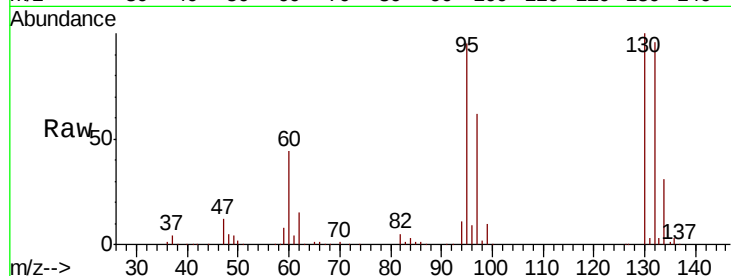
Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 102.0 70.8 131.4

130 105.8 75.3 139.8

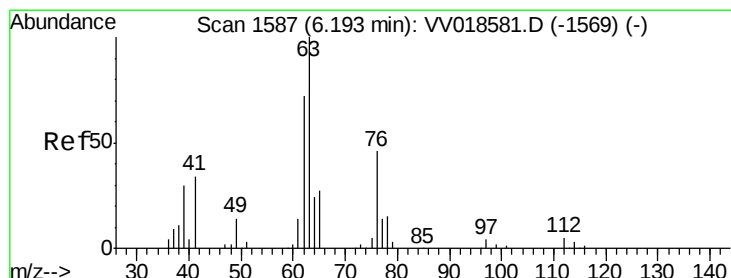
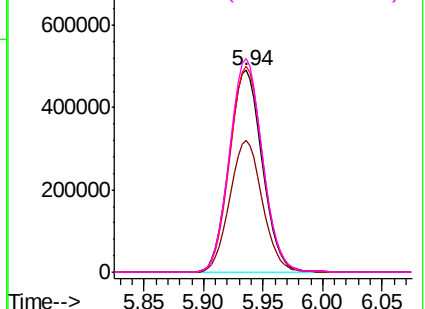
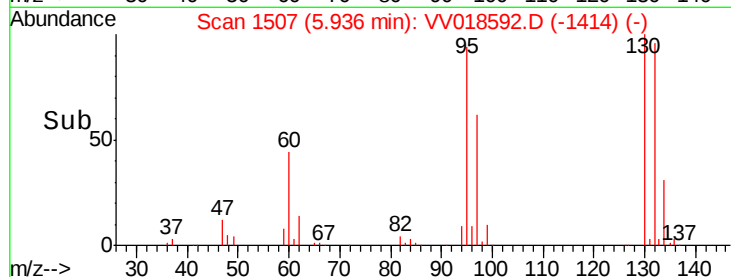


Abundance Ion 95.00 (94.70 to 95.70): VV018592.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018592.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018592.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018592.D (-1414) (-)



#37

1,2-Dichloropropane

Concen: 5.801 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.10 min

Lab File: VV018592.D

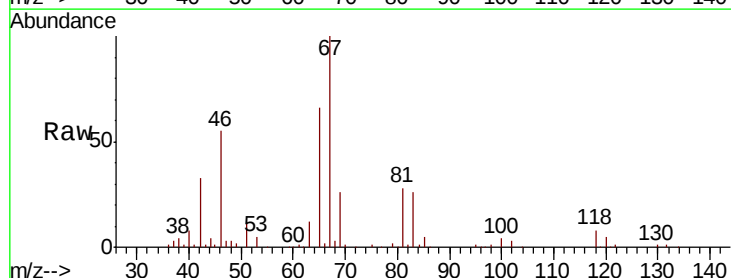
Acq: 01 Oct 2020 15:58

Tgt Ion: 63 Resp: 13521

Ion Ratio Lower Upper

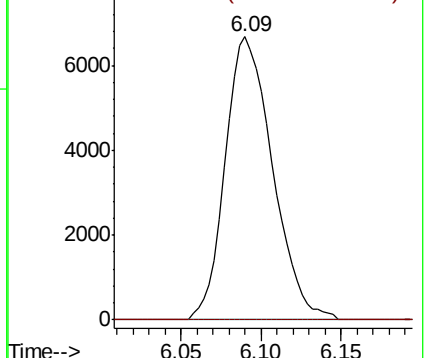
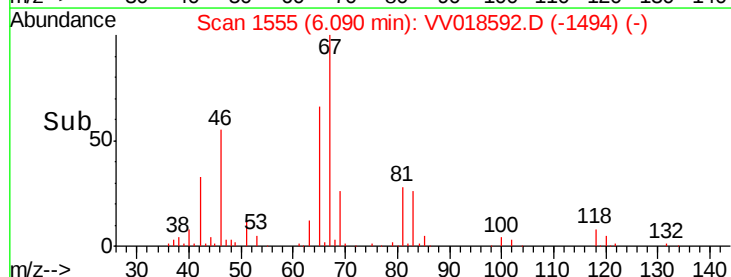
63 100

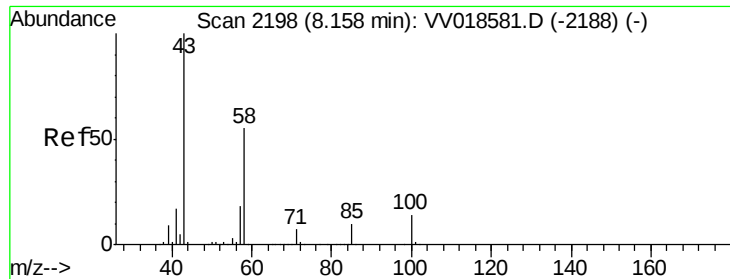
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV018592.D (-1494) (-)

Ion 112.00 (111.70 to 112.70): VV018592.D (-1494) (-)

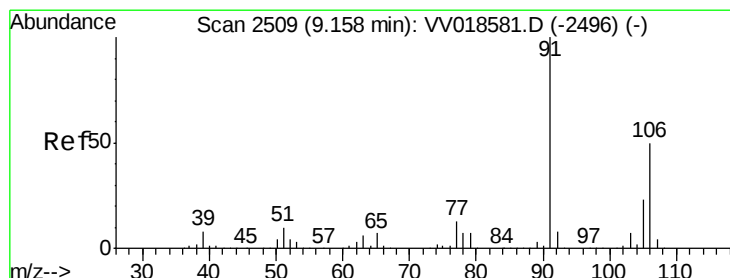
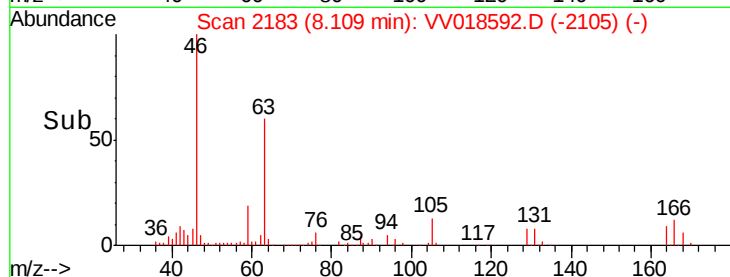
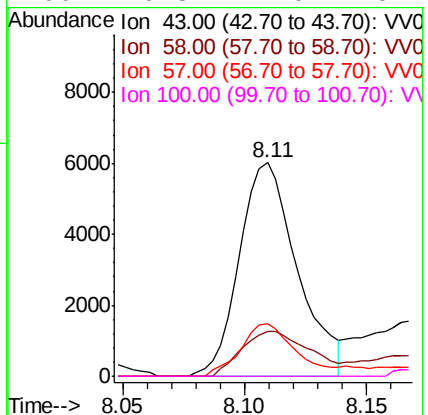
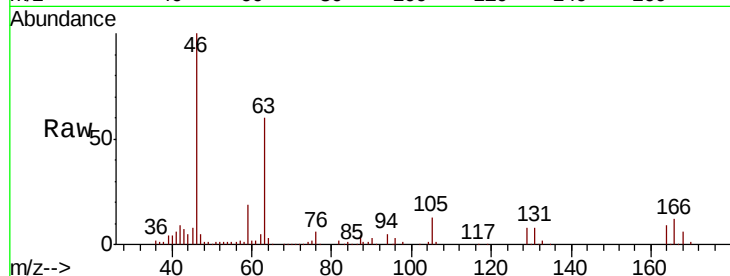




#48
2-Hexanone
Concen: 4.223 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018592.D
Acq: 01 Oct 2020 15:58

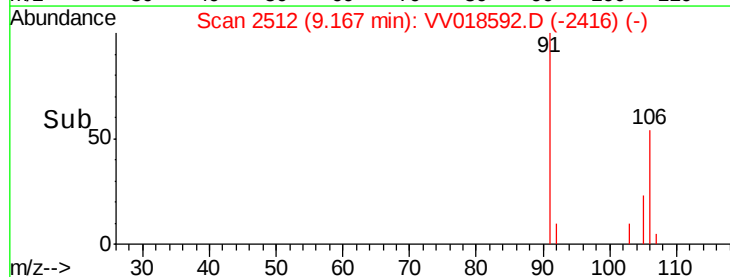
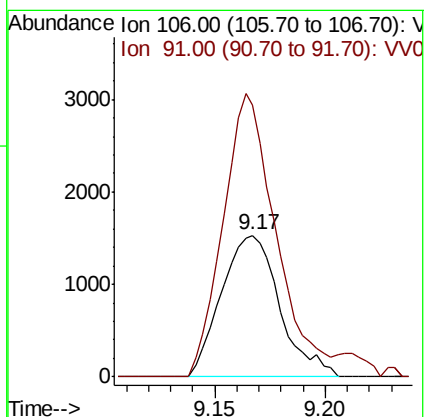
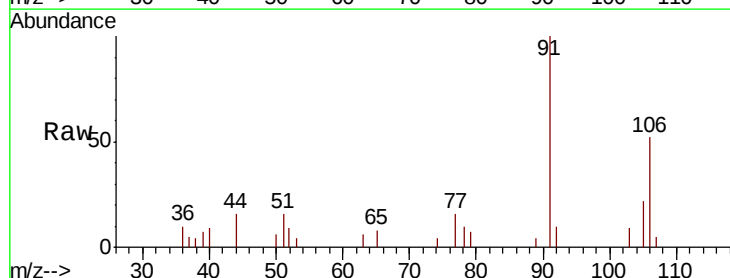
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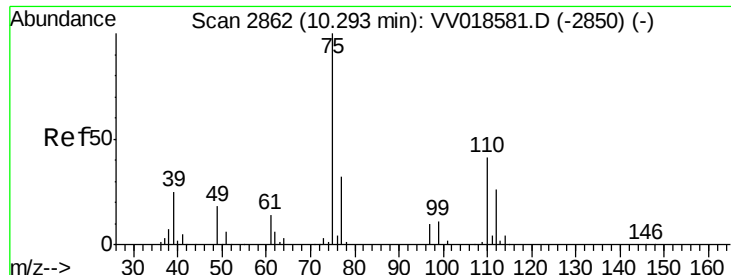
Tot Ion: 43 Resp: 9909
Ion Ratio Lower Upper
43 100
58 24.7 45.1 67.7#
57 22.6 15.7 23.5
100 0.8 11.0 16.4#



#53
m,p-Xylene
Concen: 0.662 ug/L
RT: 9.17 min Scan# 2512
Delta R.T. 0.01 min
Lab File: VV018592.D
Acq: 01 Oct 2020 15:58

Tgt Ion: 106 Resp: 2807
Ion Ratio Lower Upper
106 100
91 192.7 142.3 264.3





#59

1,2,3-Trichloropropane

Concen: 6.489 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018592.D

Acq: 01 Oct 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

BG3N9

Tot Ion: 75 Resp: 18396

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.0

