

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018000.D
 Acq On : 14 Aug 2020 16:38
 Operator : SY/MD
 Sample : L3599-19MEDL 400X
 Misc : 6.890g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYA1MEDL

Quant Time: Aug 17 01:37:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	250011	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	248270	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119184	50.00	ug/L	0.00

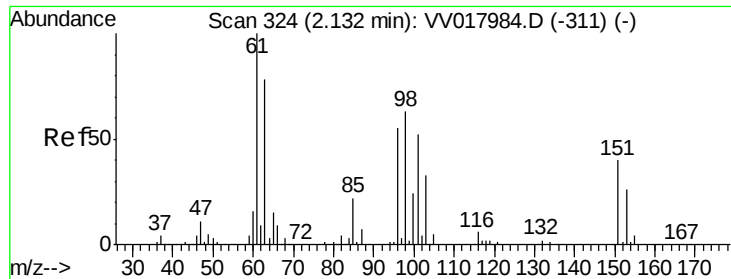
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96765	50.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.46%
7) Chloroethane-d5	1.58	69	79673	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.10%
11) 1,1-Dichloroethene-d2	2.12	63	140325	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.92%
21) 2-Butanone-d5	3.91	46	116511	93.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.25%
24) Chloroform-d	4.37	84	167383	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	115256	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
32) Benzene-d6	5.07	84	339568	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.09	67	110578	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.34	98	300922	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%
43) trans-1,3-Dichloropropene-	7.64	79	49530	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
47) 2-Hexanone-d5	8.11	63	57679	80.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129475	44.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	121720	51.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.78%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1277	0.721 ug/L #	25
12) 1,1-Dichloroethene	2.13	96	1314	0.784 ug/L #	1
14) Carbon disulfide	2.31	76	2976	0.645 ug/L	100
16) Methylene chloride	2.52	84	3742	1.751 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	2224	1.174 ug/L	98
25) Chloroform	4.41	83	3634	1.028 ug/L	99
34) Trichloroethene	5.94	95	180340	88.823 ug/L	99
35) Methylcyclohexane	6.09	83	27064	8.964 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12201	5.825 ug/L #	91
39) cis-1,3-Dichloropropene	7.01	75	3236	1.090 ug/L #	71
48) 2-Hexanone	8.16	43	7342	3.325 ug/L #	82
53) m,p-Xylene	9.16	106	2062	0.642 ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	14479	5.597 ug/L	91
70) 1,2,3-Trichlorobenzene	13.77	180	1476	0.573 ug/L	97

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



#10

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

Concen: 0.721 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018000.D

Acq: 14 Aug 2020 16:38

Instrument :

MSVOA_V

ClientSampled :

GAYA1MEDL

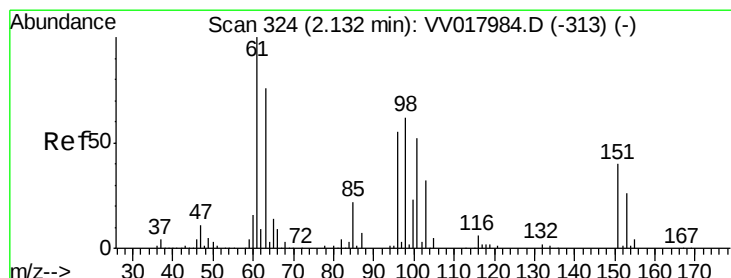
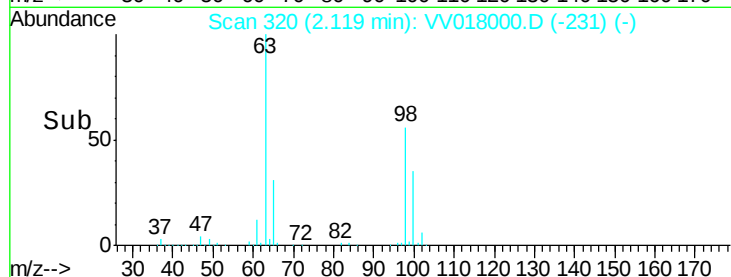
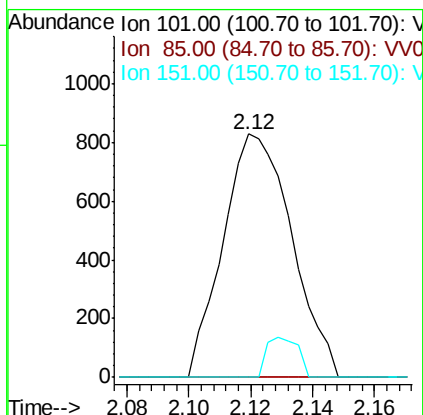
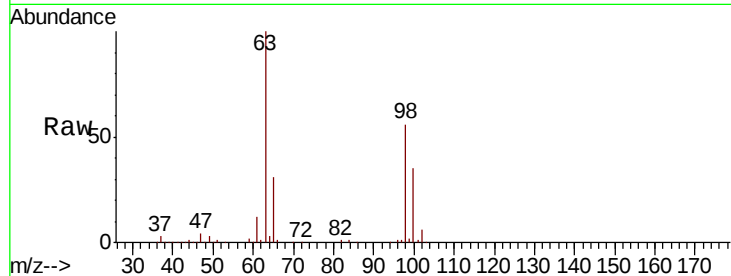
Tot Ion:101 Resp: 1277

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 7.4 59.1 88.7#



#12

1,1-Dichloroethene

Concen: 0.784 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018000.D

Acq: 14 Aug 2020 16:38

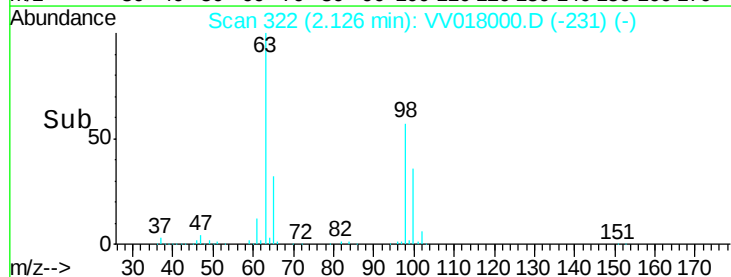
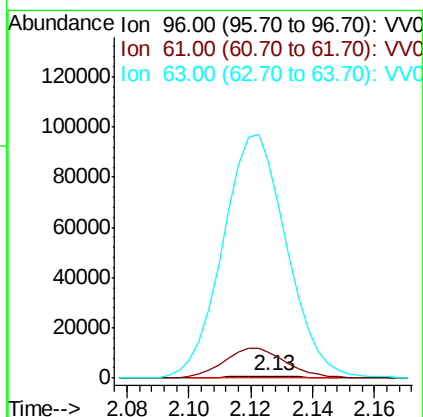
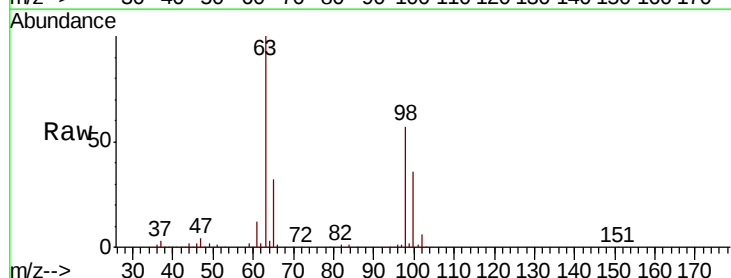
Tgt Ion: 96 Resp: 1314

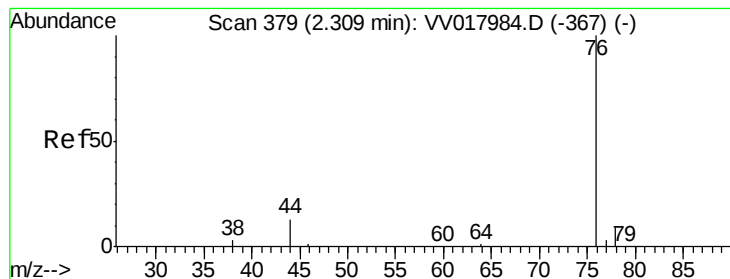
Ion Ratio Lower Upper

96 100

61 1283.4 127.1 236.0#

63 10803.5 95.2 176.8#





#14

Carbon disulfide

Concen: 0.645 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV018000.D

Acq: 14 Aug 2020 16:38

Instrument :

MSVOA_V

ClientSampleId :

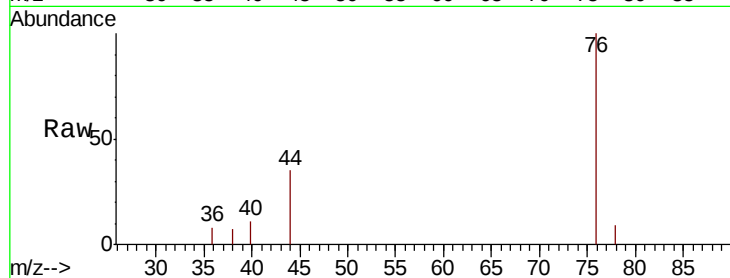
GAYA1MEDL

Tot Ion: 76 Resp: 2976

Ion Ratio Lower Upper

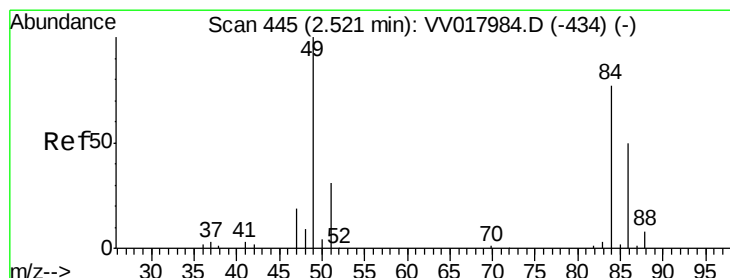
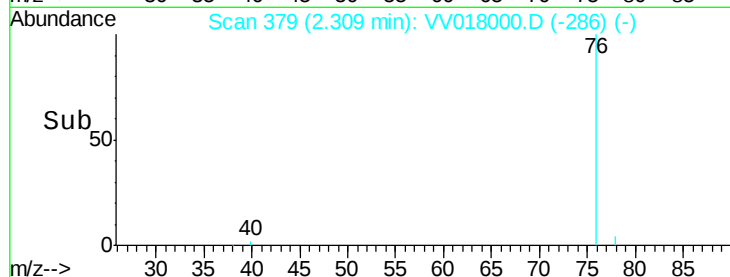
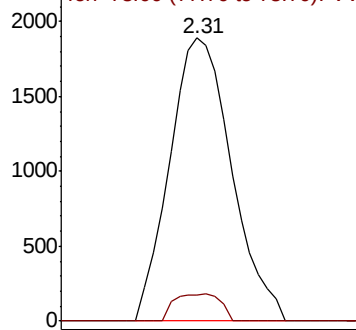
76 100

78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 1.751 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV018000.D

Acq: 14 Aug 2020 16:38

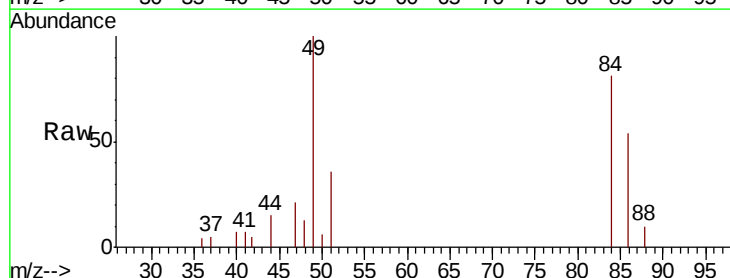
Tgt Ion: 84 Resp: 3742

Ion Ratio Lower Upper

84 100

86 66.8 46.3 85.9

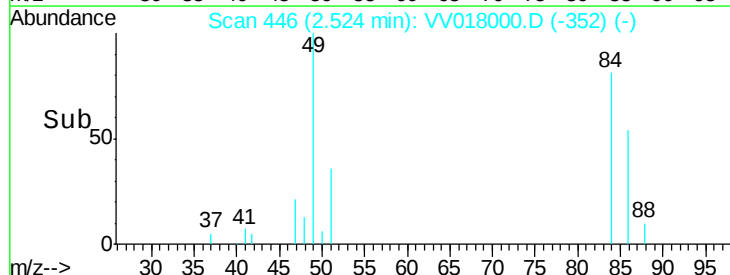
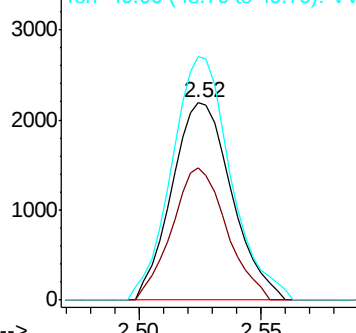
49 123.4 89.7 166.5

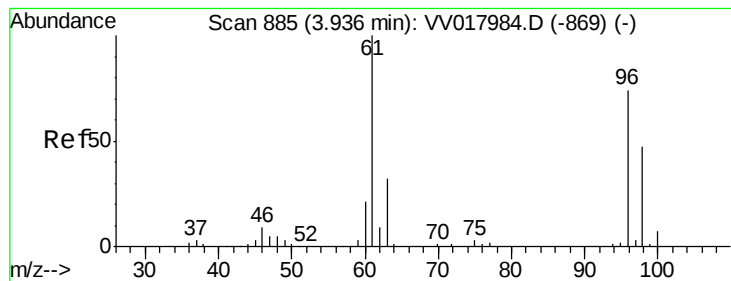


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 1.174 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018000.D

Acq: 14 Aug 2020 16:38

Instrument :

MSVOA_V

ClientSampleId :

GAYA1MEDL

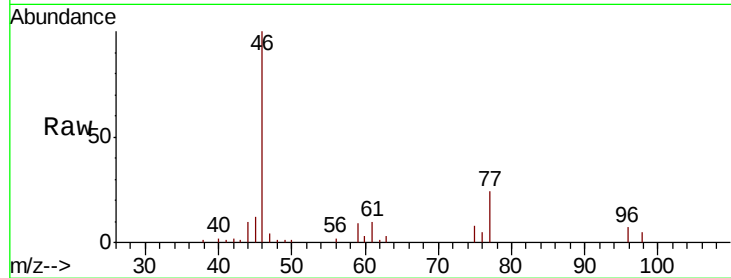
Tot Ion: 96 Resp: 2224

Ion Ratio Lower Upper

96 100

61 133.5 95.0 176.4

68 0.0 0.0 0.0

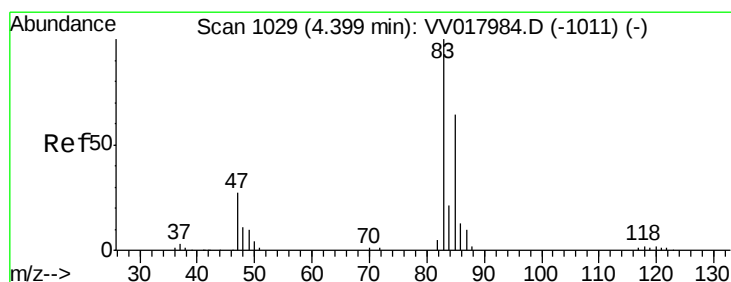
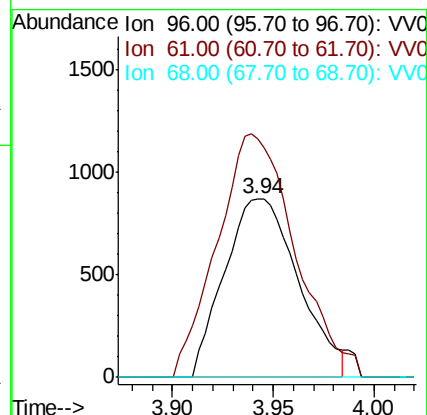
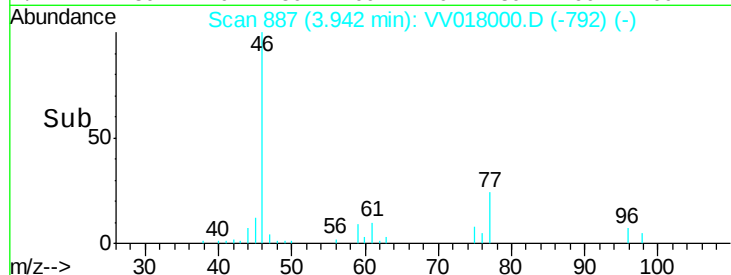


Abundance Ion 96.00 (95.70 to 96.70): VV017984.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV017984.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV017984.D (-869) (-)

Time-->



#25

Chloroform

Concen: 1.028 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018000.D

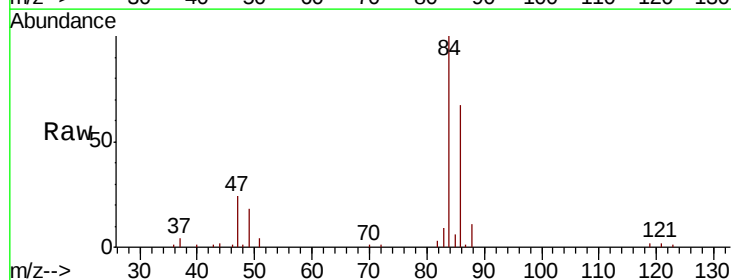
Acq: 14 Aug 2020 16:38

Tgt Ion: 83 Resp: 3634

Ion Ratio Lower Upper

83 100

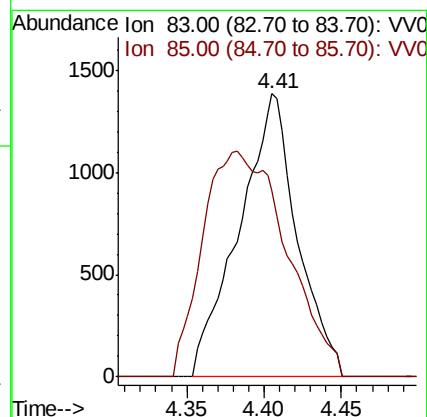
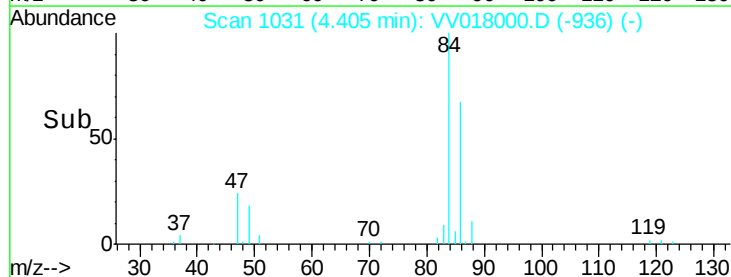
85 65.8 45.5 84.5

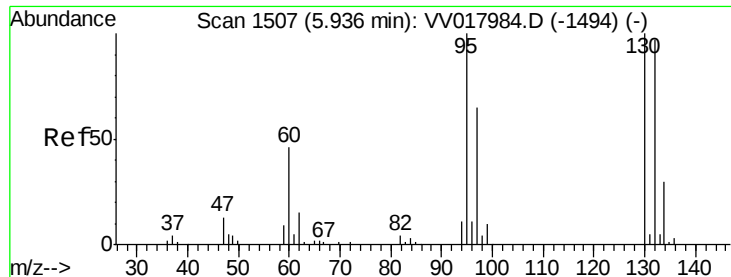


Abundance Ion 83.00 (82.70 to 83.70): VV017984.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV017984.D (-1011) (-)

Time-->





#34

Trichloroethene

Concen: 88.823 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018000.D

Acq: 14 Aug 2020 16:38

Instrument :

MSVOA_V

ClientSampleId :

GAYA1MEDL

Tot Ion: 95 Resp: 180340

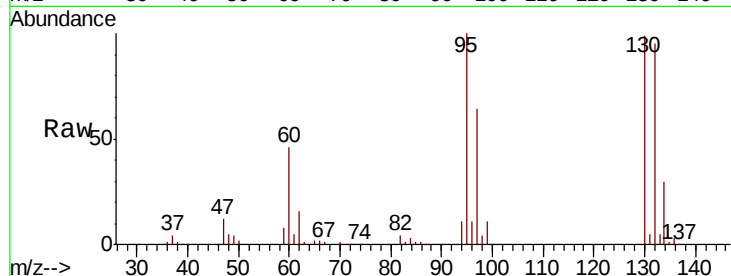
Ion Ratio Lower Upper

95 100

97 64.2 46.0 85.4

132 94.8 65.8 122.2

130 99.3 69.2 128.6

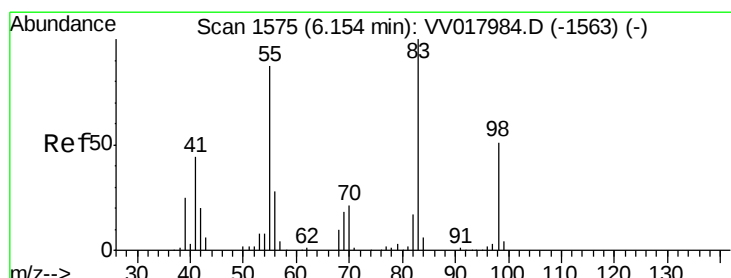
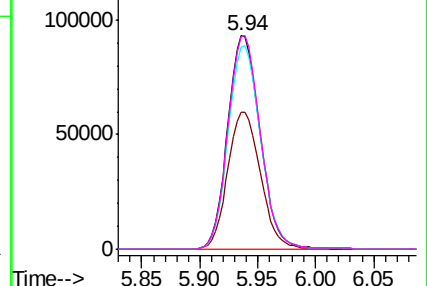
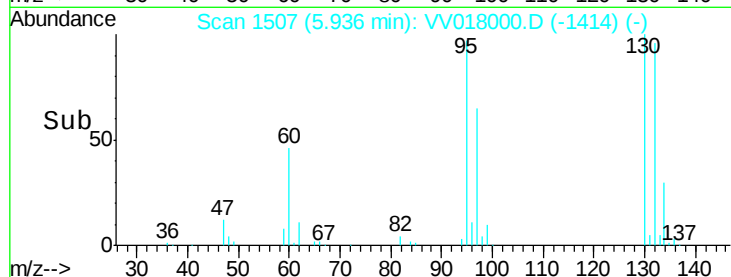


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 8.964 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018000.D

Acq: 14 Aug 2020 16:38

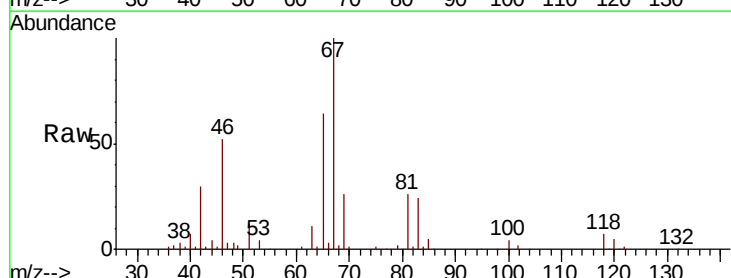
Tgt Ion: 83 Resp: 27064

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

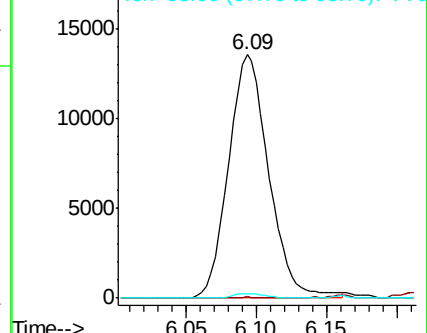
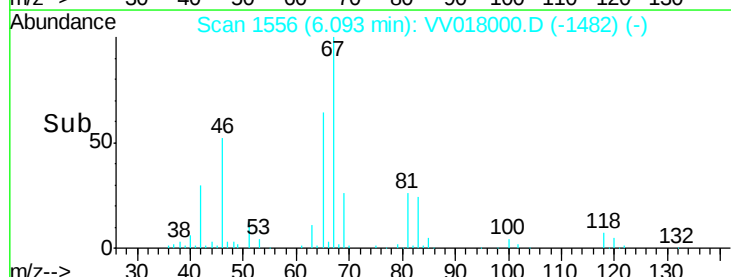
98 1.4 38.7 58.1#

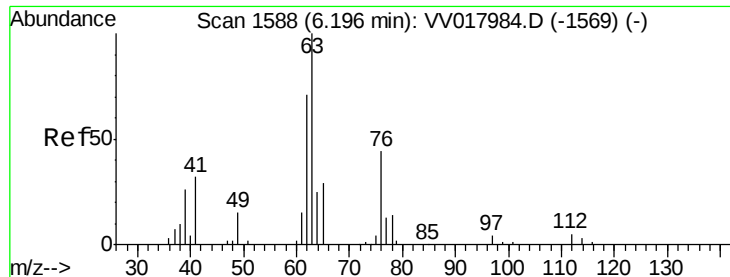


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 5.825 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018000.D

Acq: 14 Aug 2020 16:38

Instrument :

MSVOA_V

ClientSampled :

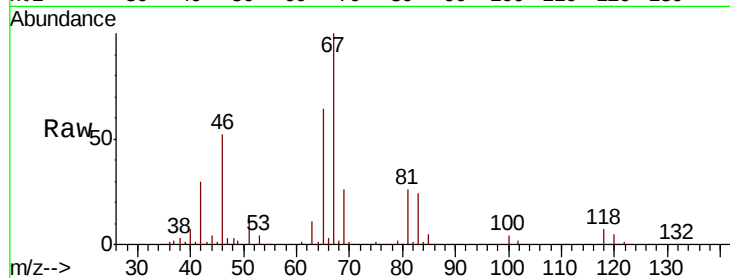
GAYA1MEDL

Tot Ion: 63 Resp: 12201

Ion Ratio Lower Upper

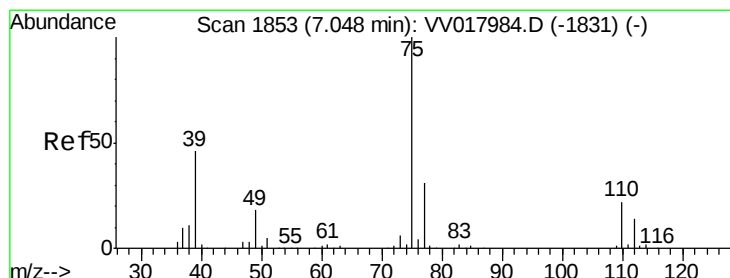
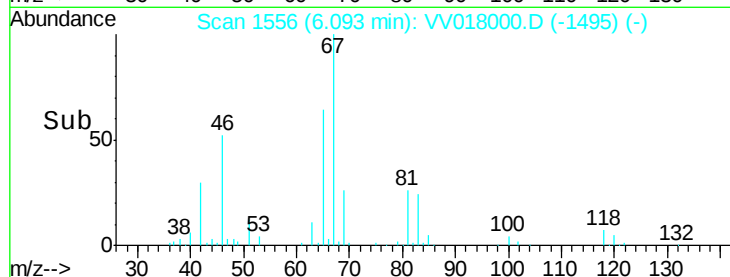
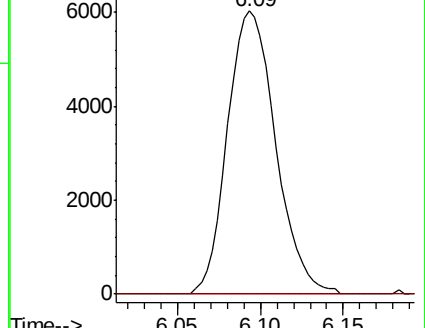
63 100

112 1.3 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV017984.D (-1569) (-)

Ion 112.00 (111.70 to 112.70): VV017984.D (-1569) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.090 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018000.D

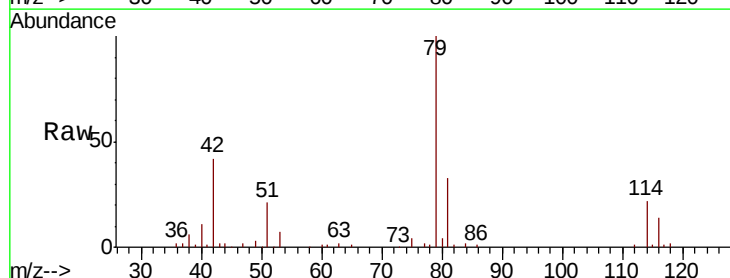
Acq: 14 Aug 2020 16:38

Tgt Ion: 75 Resp: 3236

Ion Ratio Lower Upper

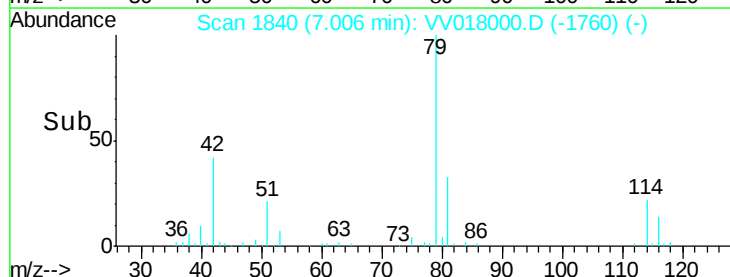
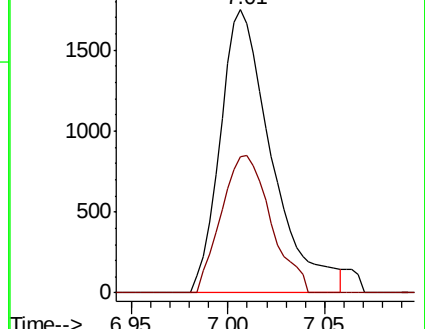
75 100

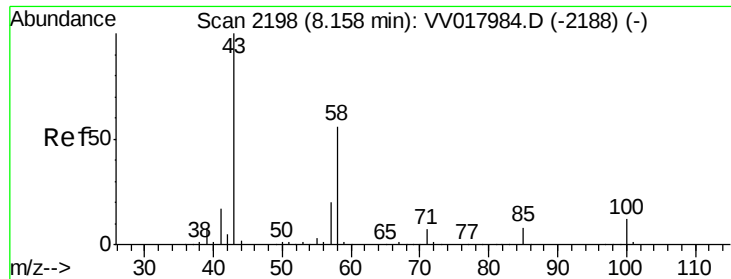
77 48.1 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV017984.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV017984.D (-1831) (-)

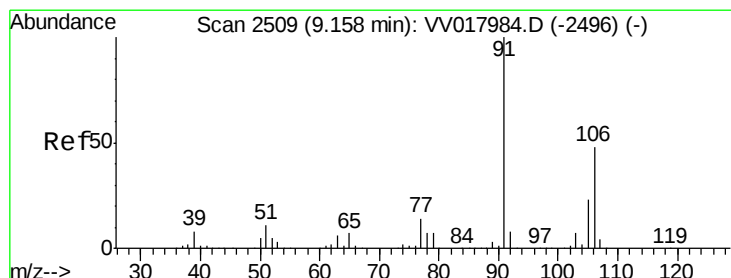
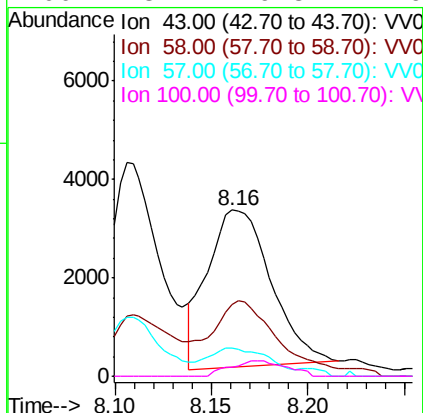
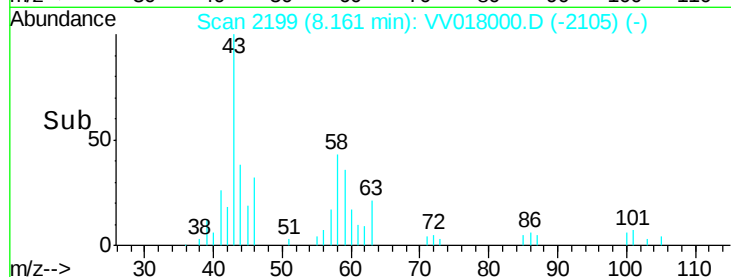
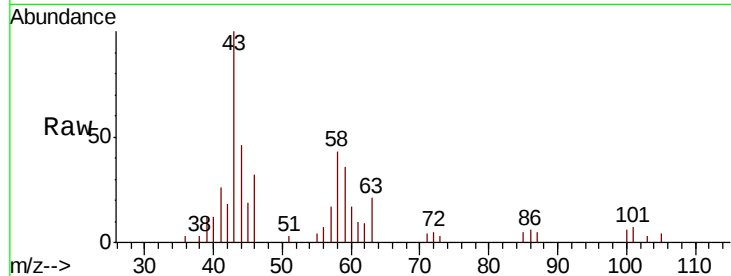




#48
2-Hexanone
Concen: 3.325 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018000.D
Acq: 14 Aug 2020 16:38

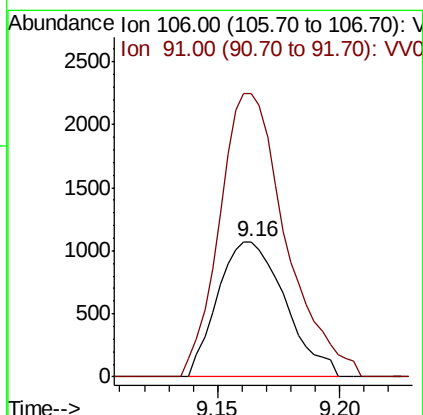
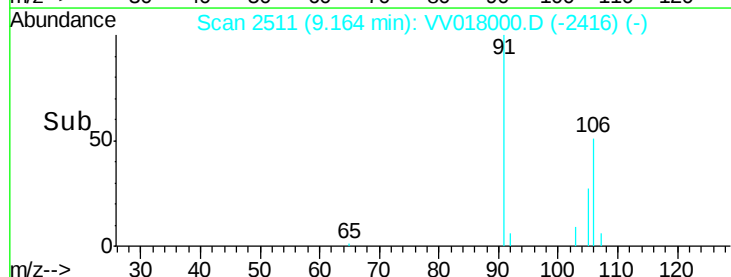
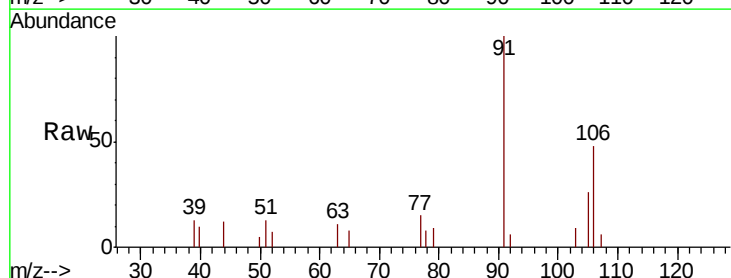
Instrument :
MSVOA_V
ClientSampleId :
GAYA1MEDL

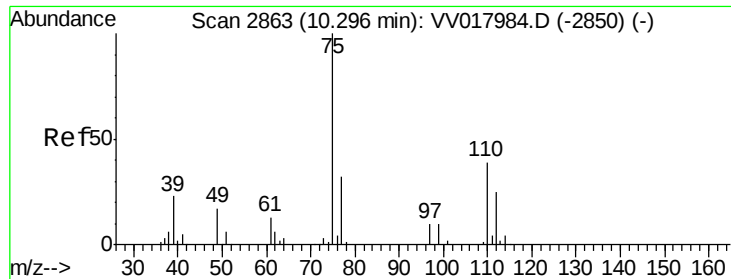
Tot Ion: 43 Resp: 7342
Ion Ratio Lower Upper
43 100
58 40.4 44.4 66.6#
57 13.2 15.2 22.8#
100 8.4 9.8 14.6#



#53
m,p-Xylene
Concen: 0.642 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV018000.D
Acq: 14 Aug 2020 16:38

Tgt Ion: 106 Resp: 2062
Ion Ratio Lower Upper
106 100
91 209.4 147.3 273.6

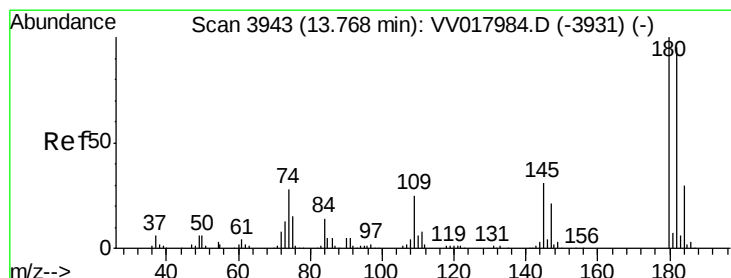
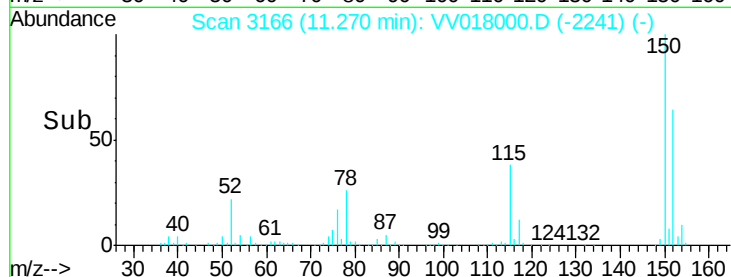
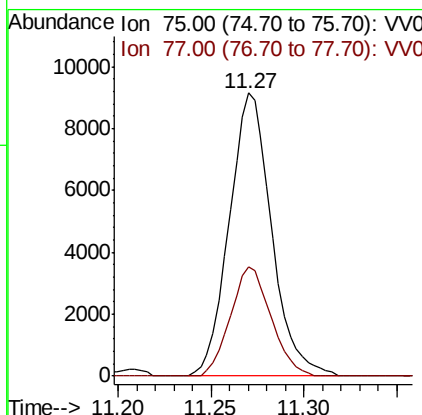
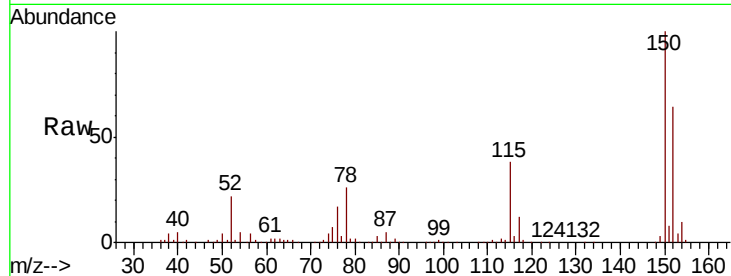




#59
 1,2,3-Trichloropropane
 Concen: 5.597 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018000.D
 Acq: 14 Aug 2020 16:38

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYA1MEDL

Tot Ion: 75 Resp: 14479
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.7 38.5



#70
 1,2,3-Trichlorobenzene
 Concen: 0.573 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV018000.D
 Acq: 14 Aug 2020 16:38

Tgt Ion: 180 Resp: 1476
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.5 114.7
 145 28.9 26.0 39.0

