

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050520\
 Data File : VV015900.D
 Acq On : 05 May 2020 14:36
 Operator : SY/MD
 Sample : L2509-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 06 01:59:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 17:59:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	155034	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147366	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	70727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46521	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.57	69	41171	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	69614	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.96	46	124935	50.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.08%
24) Chloroform-d	4.38	84	88396	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	54877	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.07	84	188051	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.09	67	57725	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.34	98	171401	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.65	79	21062	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.12	63	98221	50.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	39747	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	62724	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

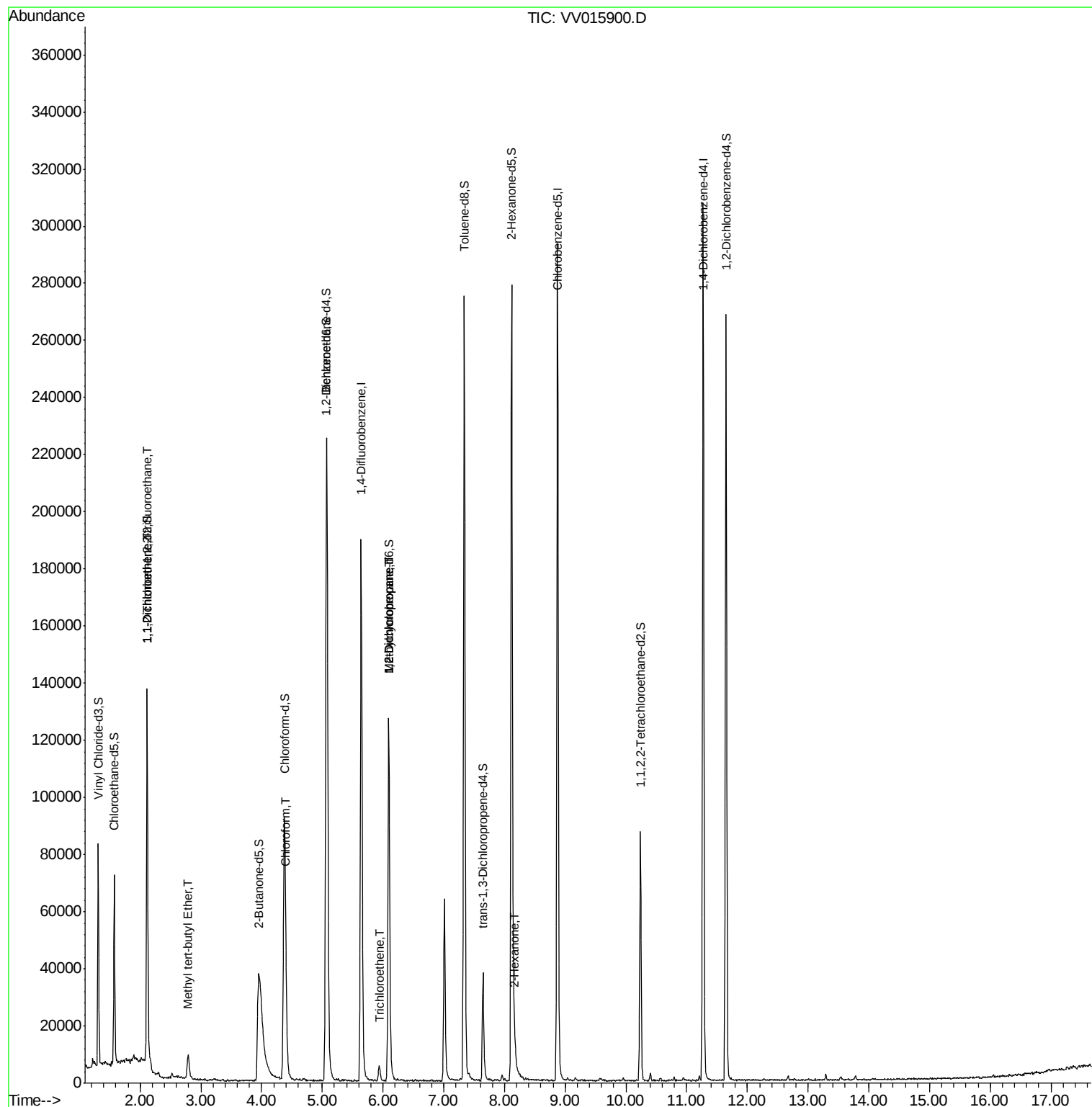
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	772	0.085 ug/L #	29
12) 1,1-Dichloroethene	2.11	96	841	0.097 ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	8113	0.352 ug/L #	88
25) Chloroform	4.41	83	17812	0.878 ug/L	98
34) Trichloroethene	5.95	95	1150	0.109 ug/L	89
35) Methylcyclohexane	6.10	83	14548	0.846 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	7334	0.759 ug/L #	87
48) 2-Hexanone	8.18	43	4245	0.987 ug/L #	91

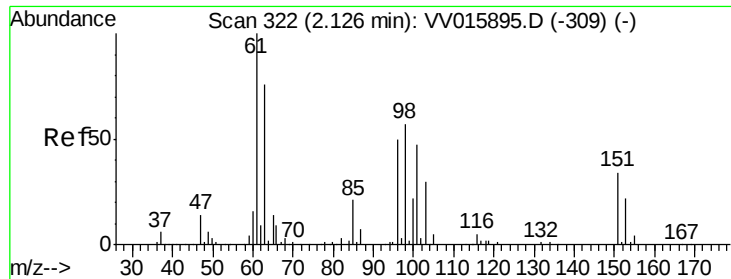
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050520\
Data File : VV015900.D
Acq On : 05 May 2020 14:36
Operator : SY/MD
Sample : L2509-01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 06 01:59:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 17:59:17 2020
Response via : Initial Calibration





#10

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

Concen: 0.085 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015900.D

Acq: 05 May 2020 14:36

Instrument :

MSVOA_V

ClientSampleId :

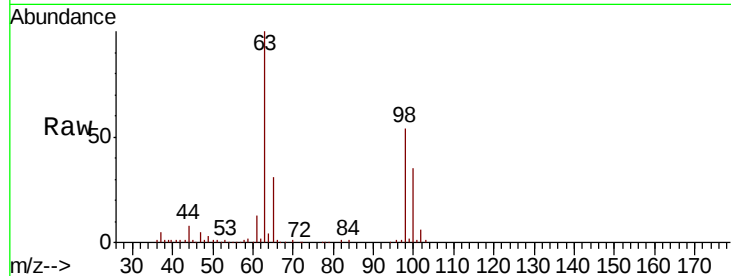
Tot Ion:101 Resp: 772

Ion Ratio Lower Upper

101 100

85 5.1 35.7 53.5#

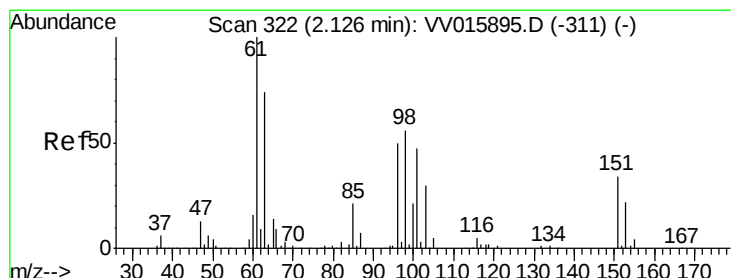
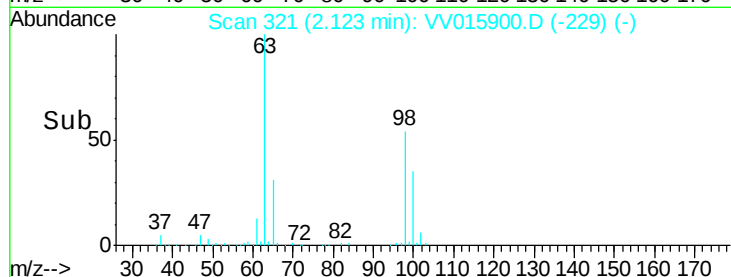
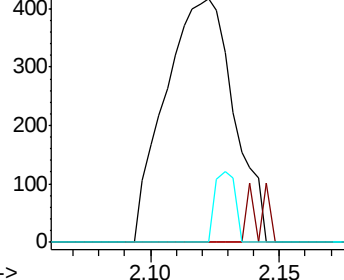
151 8.4 58.0 87.0#



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



#12

1,1-Dichloroethene

Concen: 0.097 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV015900.D

Acq: 05 May 2020 14:36

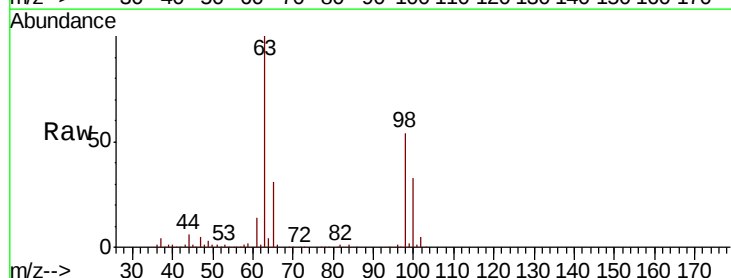
Tgt Ion: 96 Resp: 841

Ion Ratio Lower Upper

96 100

61 892.5 139.9 259.7#

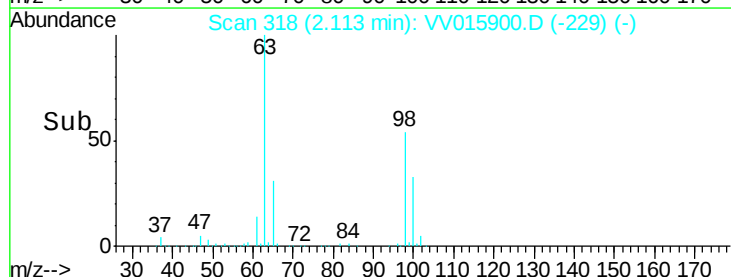
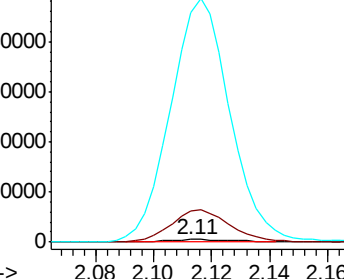
63 6596.0 106.4 197.6#

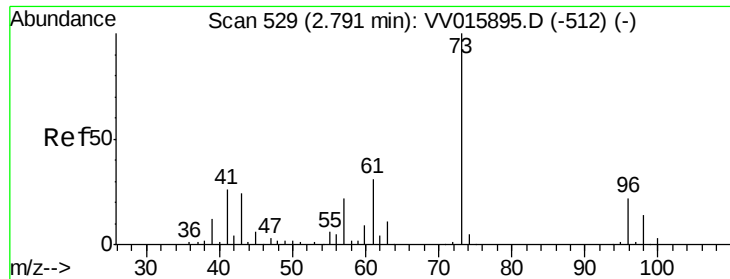


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

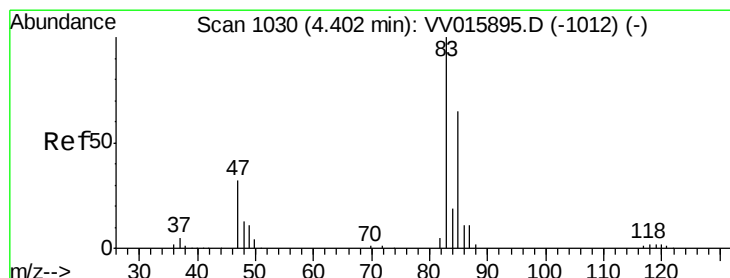
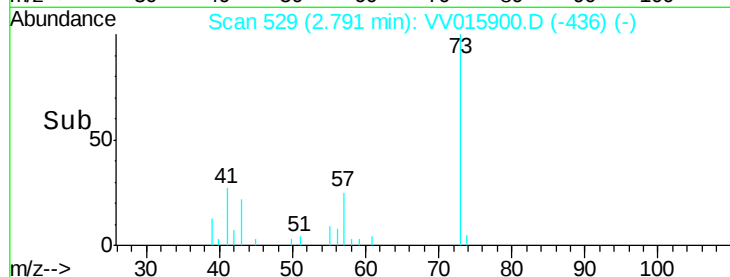
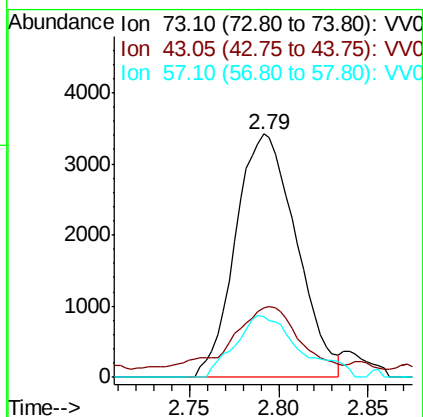
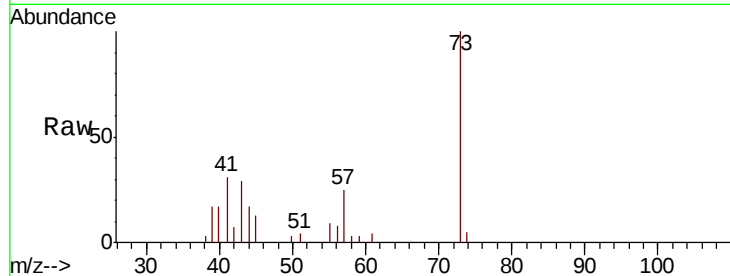




#17
Methvl tert-butvl Ether
Concen: 0.352 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015900.D
Acq: 05 May 2020 14:36

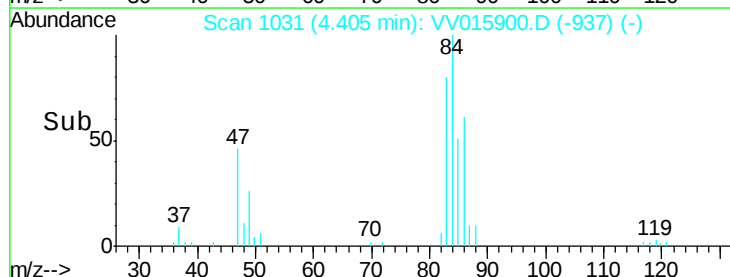
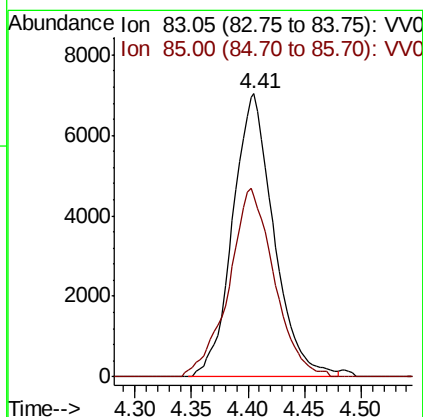
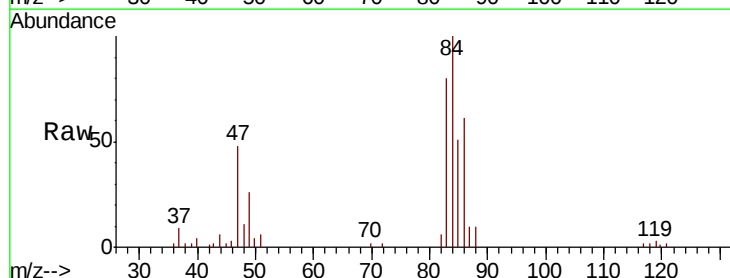
Instrument :
MSVOA_V
ClientSampled :

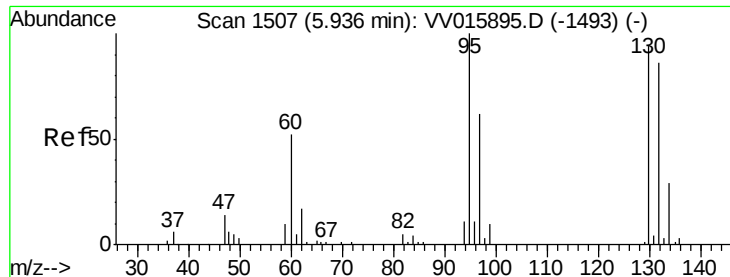
Tot Ion: 73 Resp: 8113
Ion Ratio Lower Upper
73 100
43 30.3 18.8 28.2#
57 26.7 17.8 26.6#



#25
Chloroform
Concen: 0.878 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015900.D
Acq: 05 May 2020 14:36

Tgt Ion: 83 Resp: 17812
Ion Ratio Lower Upper
83 100
85 63.7 45.7 84.9





#34

Trichloroethene

Concen: 0.109 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. 0.02 min

Lab File: VV015900.D

Acq: 05 May 2020 14:36

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 1150

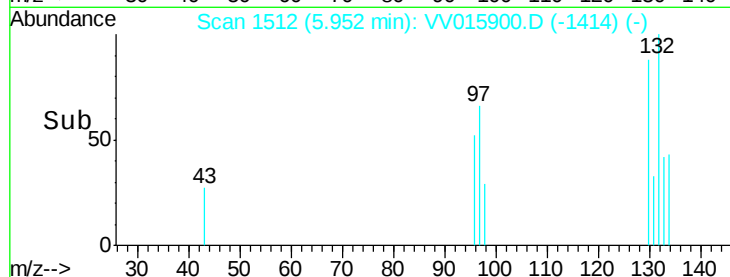
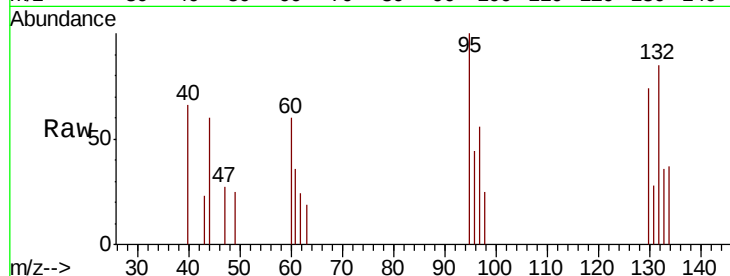
Ion Ratio Lower Upper

95 100

97 55.8 43.3 80.5

132 84.6 60.3 112.1

130 74.4 66.0 122.6

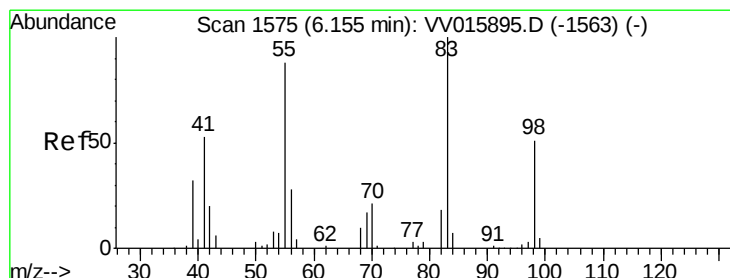
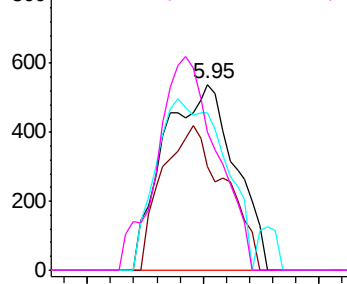


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015900.D

Acq: 05 May 2020 14:36

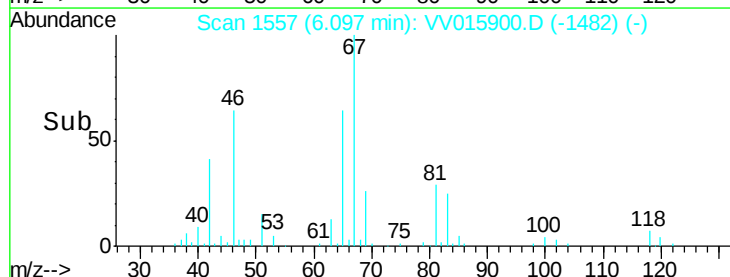
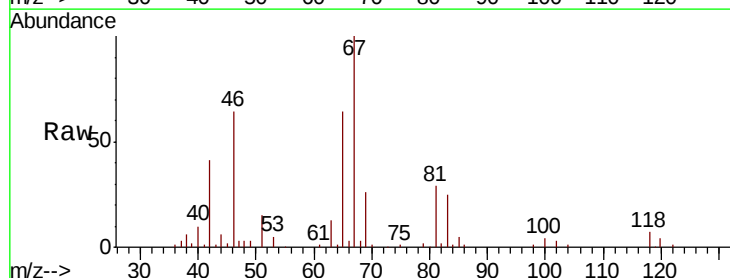
Tgt Ion: 83 Resp: 14548

Ion Ratio Lower Upper

83 100

55 0.4 66.2 99.2#

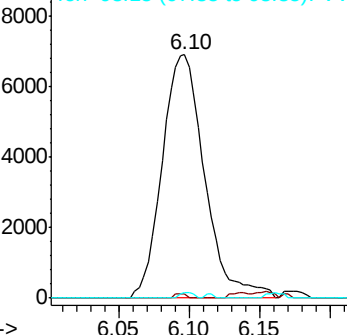
98 0.8 37.9 56.9#

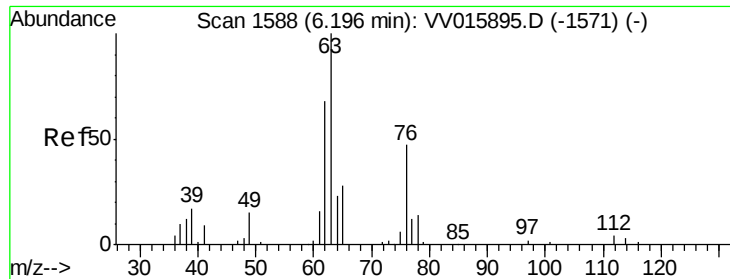


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.759 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015900.D

Acq: 05 May 2020 14:36

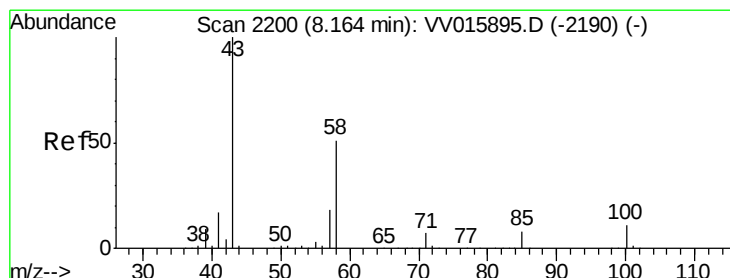
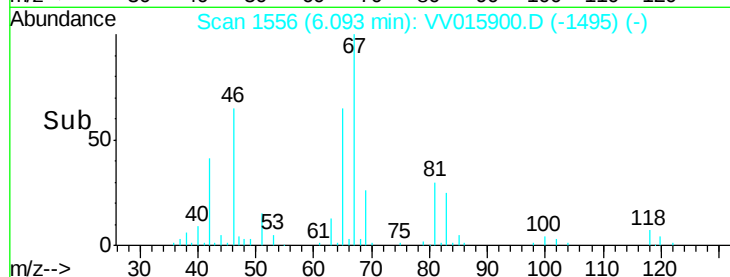
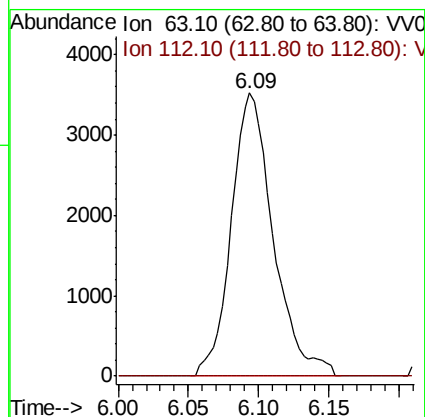
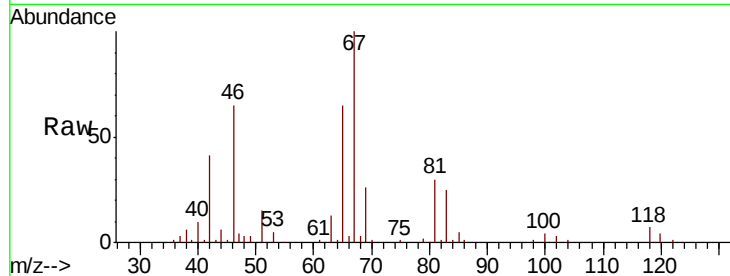
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 7334

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#48

2-Hexanone

Concen: 0.987 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. 0.01 min

Lab File: VV015900.D

Acq: 05 May 2020 14:36

Tgt Ion: 43 Resp: 4245

Ion Ratio Lower Upper

43 100

58 59.5 40.8 61.2

57 17.5 14.7 22.1

100 8.2 9.0 13.6#

