

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015865.D
 Acq On : 01 May 2020 18:02
 Operator : SY/MD
 Sample : L2471-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	114970	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111066	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29628	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	27676	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	44807	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.95	46	89808	46.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.38	84	63519	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	38031	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	120783	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.10	67	39227	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.34	98	107835	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.65	79	12778	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.12	63	61501	38.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26772	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	40297	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

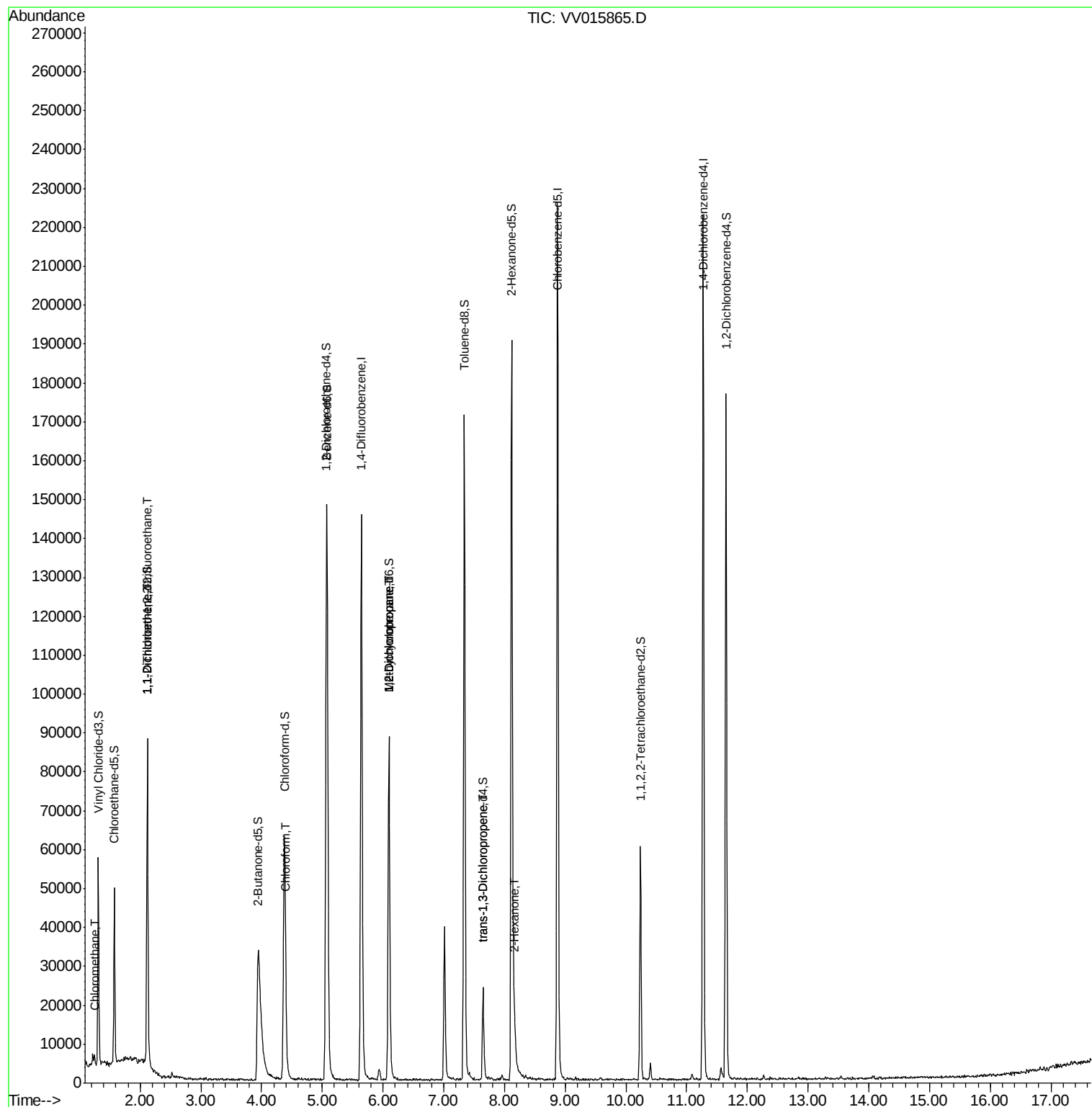
					Ovalue
3) Chloromethane	1.25	50	1002	0.118 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	523	0.072 ug/L #	26
12) 1,1-Dichloroethene	2.12	96	513	0.077 ug/L #	1
25) Chloroform	4.41	83	3199	0.205 ug/L	89
35) Methylcyclohexane	6.09	83	9682	0.720 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4846	0.601 ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	804	0.085 ug/L #	43
48) 2-Hexanone	8.17	43	5490	1.471 ug/L #	84

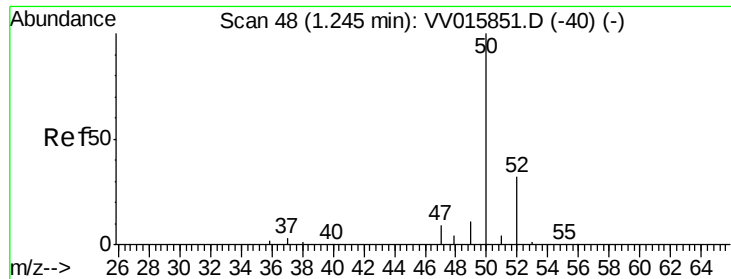
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.118 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015865.D

Acq: 01 May 2020 18:02

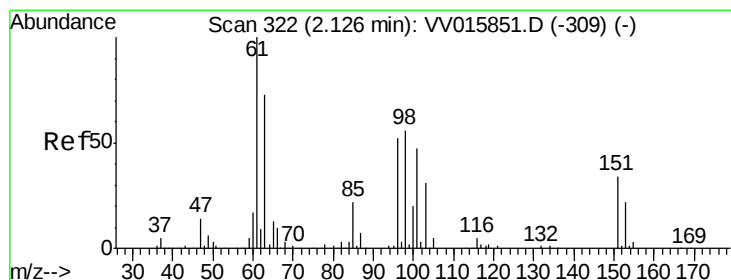
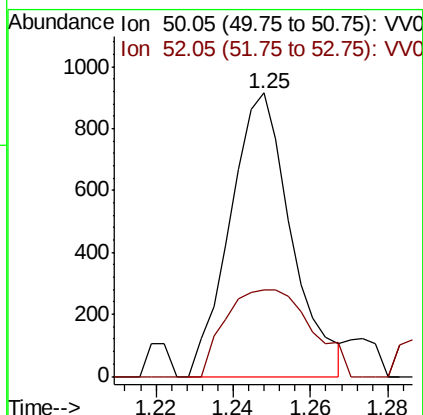
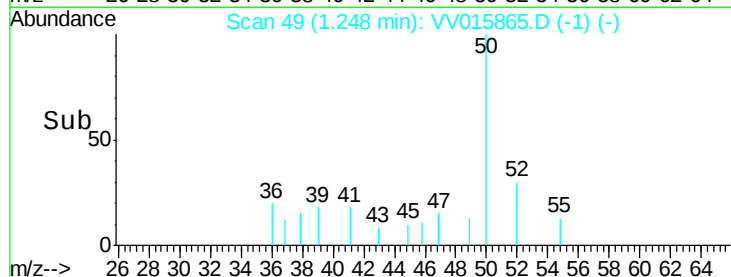
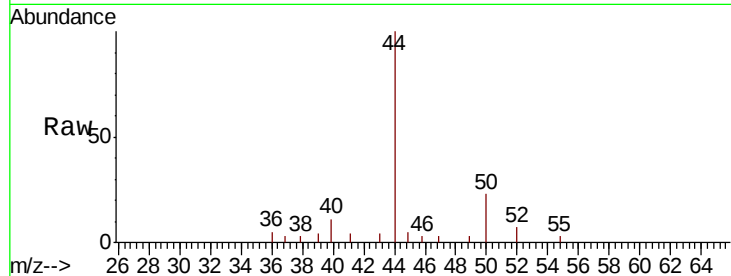
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 1002

Ion Ratio Lower Upper

50 100

52 30.5 22.9 42.5



#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015865.D

Acq: 01 May 2020 18:02

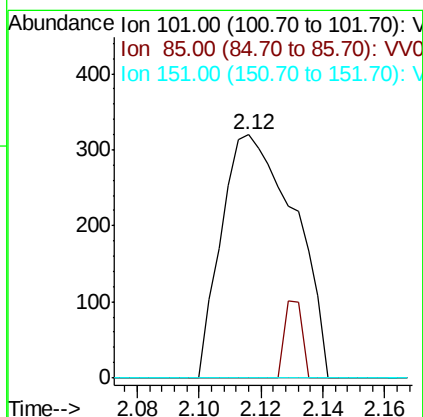
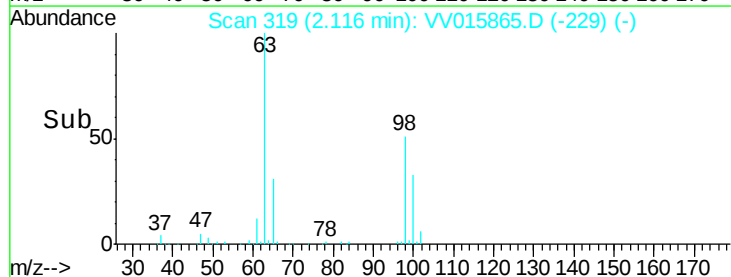
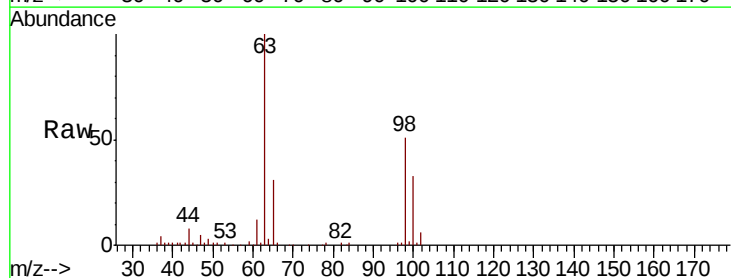
Tgt Ion: 101 Resp: 523

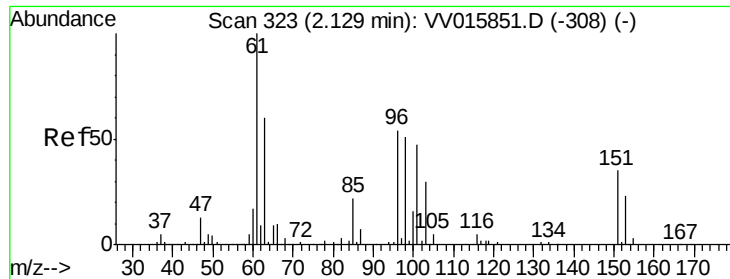
Ion Ratio Lower Upper

101 100

85 7.5 36.1 54.1#

151 0.0 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015865.D

Acq: 01 May 2020 18:02

Instrument :

MSVOA_V

ClientSampleId :

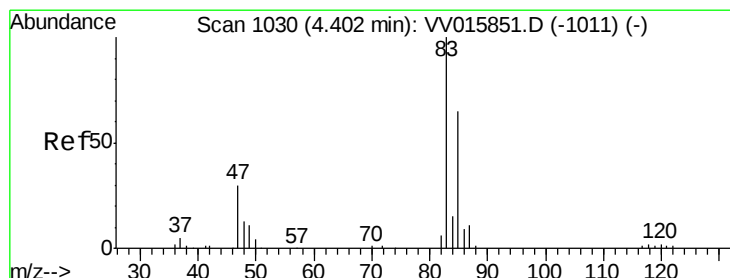
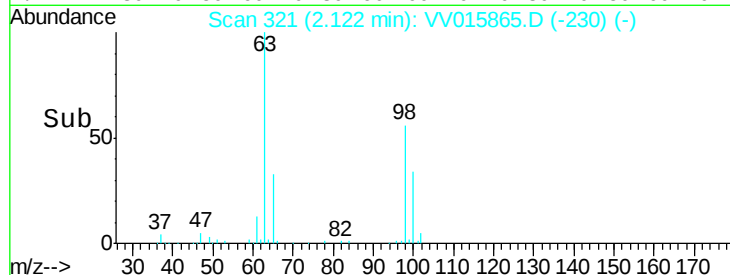
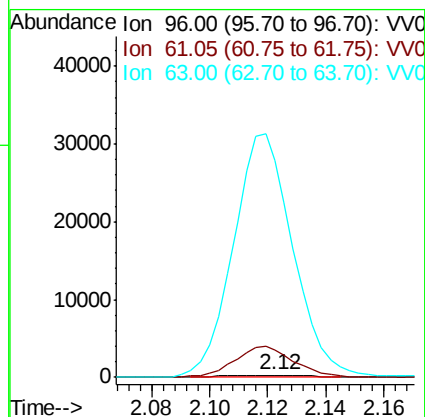
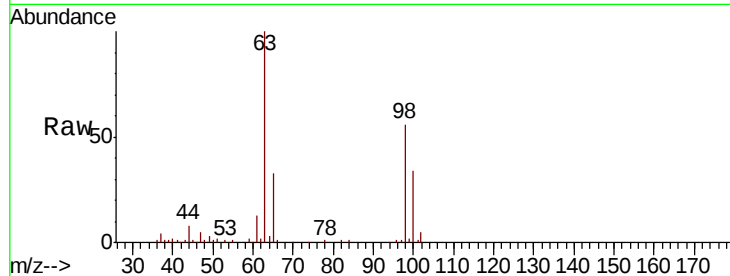
Tot Ion: 96 Resp: 513

Ion Ratio Lower Upper

96 100

61 1241.2 130.1 241.7#

63 9666.4 91.4 169.8#



#25

Chloroform

Concen: 0.205 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015865.D

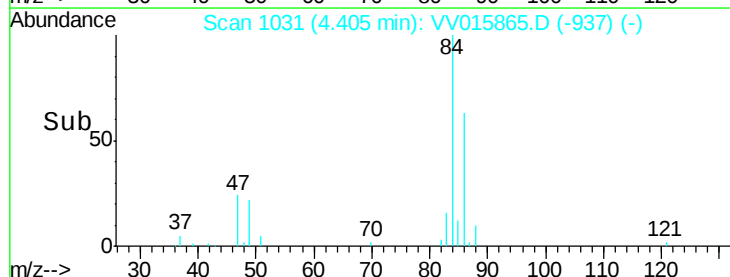
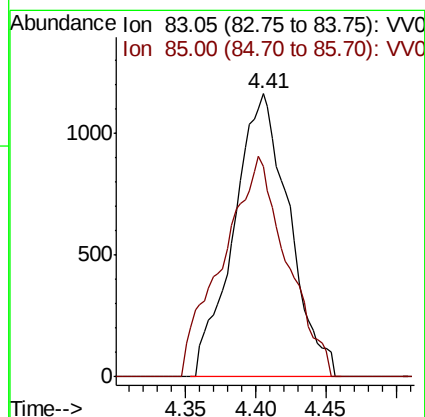
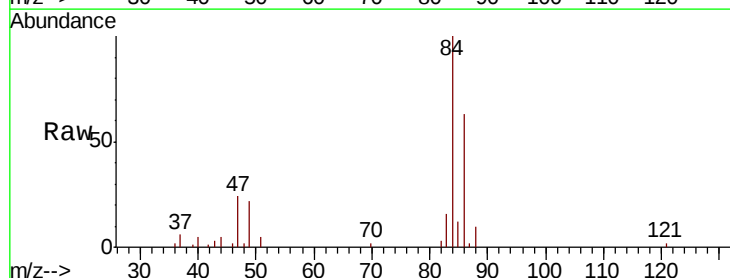
Acq: 01 May 2020 18:02

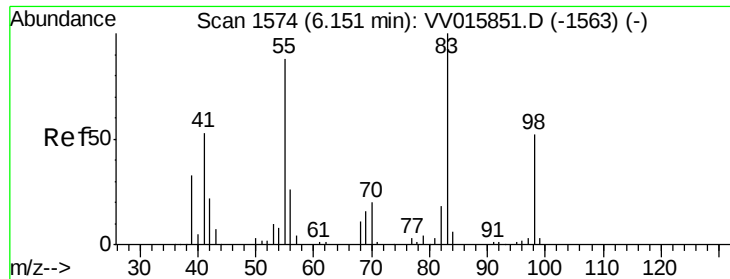
Tgt Ion: 83 Resp: 3199

Ion Ratio Lower Upper

83 100

85 74.2 46.1 85.5





#35

Methvlcvclohexane

Concen: 0.720 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015865.D

Acq: 01 May 2020 18:02

Instrument :
MSVOA_V
ClientSampleId :

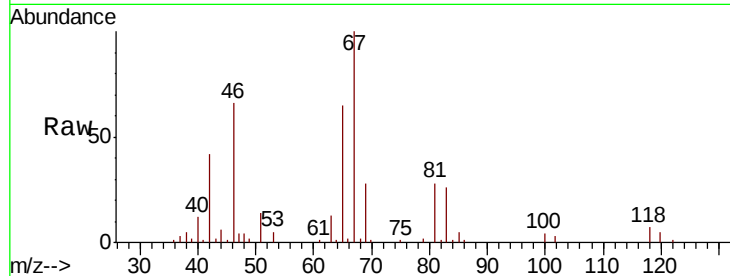
Tot Ion: 83 Resp: 9682

Ion Ratio Lower Upper

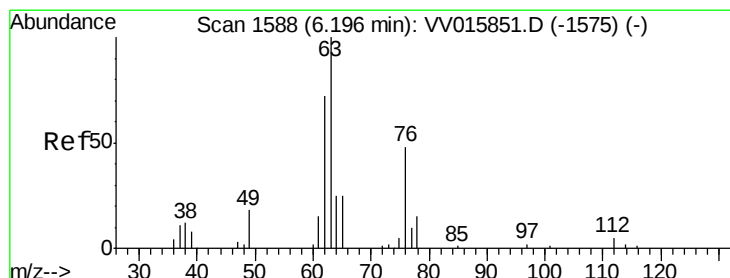
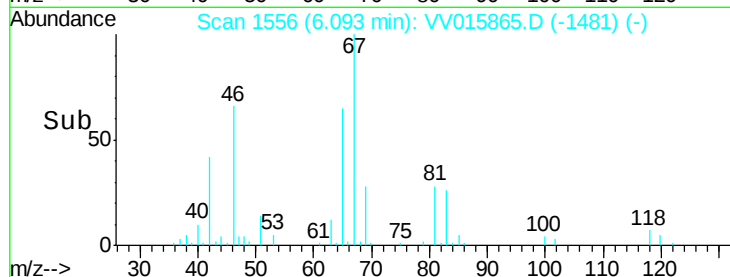
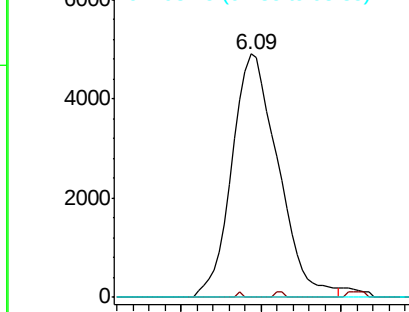
83 100

55 0.2 66.6 99.8#

98 1.7 39.5 59.3#



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: 0.601 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015865.D

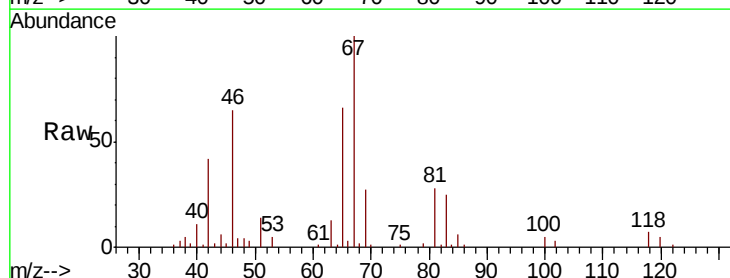
Acq: 01 May 2020 18:02

Tgt Ion: 63 Resp: 4846

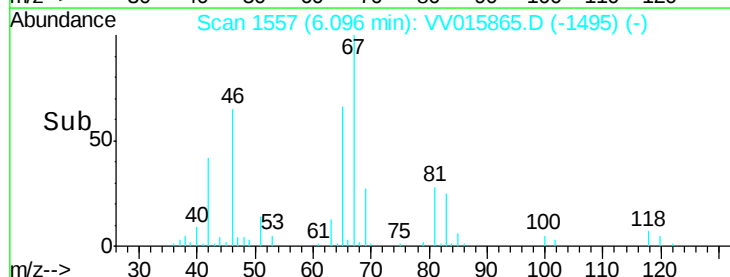
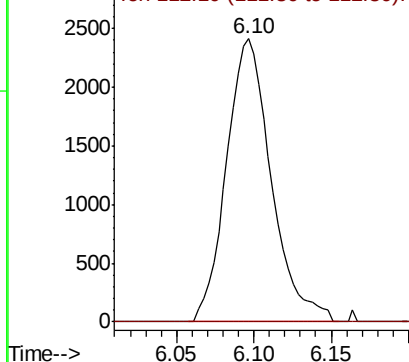
Ion Ratio Lower Upper

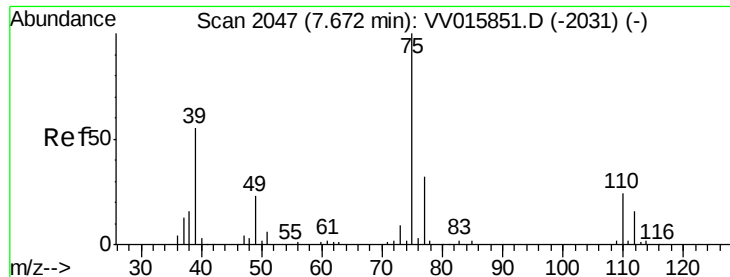
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

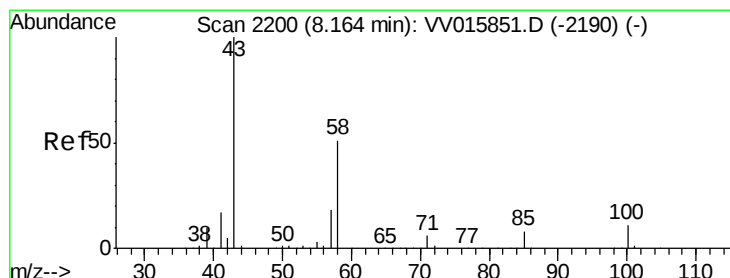
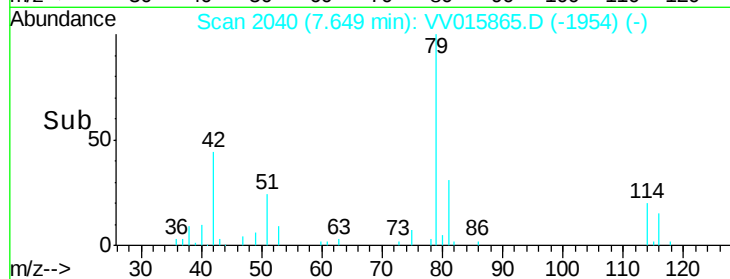
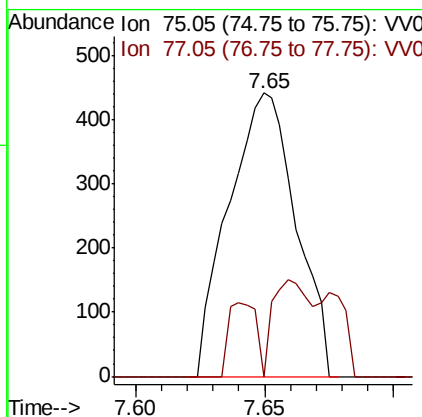
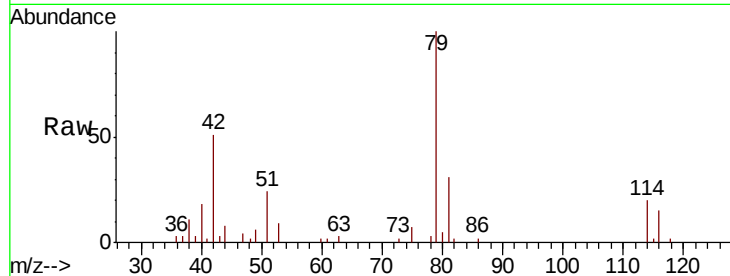




#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV015865.D
Acq: 01 May 2020 18:02

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 804
Ion Ratio Lower Upper
75 100
77 0.0 21.8 40.6#



#48
2-Hexanone
Concen: 1.471 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015865.D
Acq: 01 May 2020 18:02

Tgt Ion: 43 Resp: 5490
Ion Ratio Lower Upper
43 100
58 39.4 41.1 61.7#
57 13.9 15.0 22.4#
100 4.7 9.0 13.4#

