

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015868.D
 Acq On : 01 May 2020 19:12
 Operator : SY/MD
 Sample : L2471-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:12:12 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	120544	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	114631	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52507	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29348	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.57	69	27517	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.12	63	44803	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.97	46	85787	42.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.82%
24) Chloroform-d	4.38	84	64612	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	38039	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.08	84	122194	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.09	67	39151	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.34	98	104554	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.65	79	12261	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.12	63	63880	38.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26700	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	40264	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

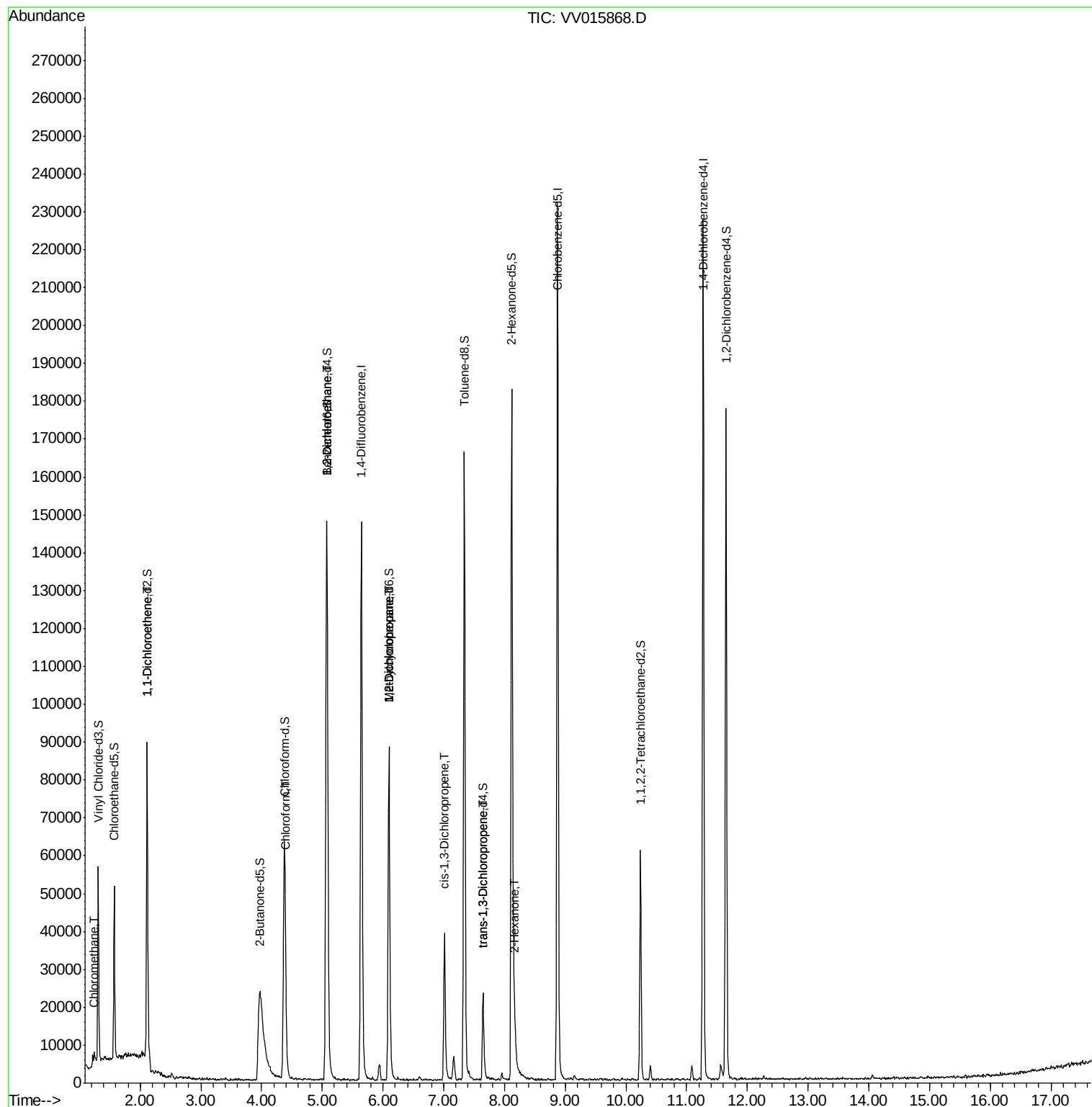
					Ovalue
3) Chloromethane	1.24	50	944	0.106	ug/L 100
12) 1,1-Dichloroethene	2.11	96	511	0.073	ug/L # 1
25) Chloroform	4.40	83	2898	0.177	ug/L 88
27) 1,2-Dichloroethane	5.07	62	908	0.084	ug/L # 78
35) Methylcyclohexane	6.10	83	9925	0.715	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	5368	0.645	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1255	0.108	ug/L # 78
44) trans-1,3-Dichloropropene	7.64	75	705	0.072	ug/L # 72
48) 2-Hexanone	8.17	43	5549	1.440	ug/L # 88

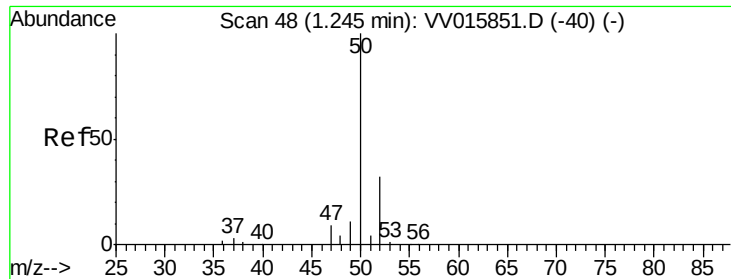
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.106 ug/L

RT: 1.24 min Scan# 48

Delta R.T. 0.00 min

Lab File: VV015868.D

Acq: 01 May 2020 19:12

Instrument :

MSVOA_V

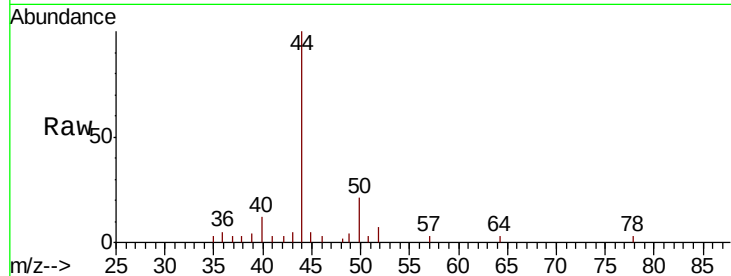
ClientSampled :

Tot Ion: 50 Resp: 944

Ion Ratio Lower Upper

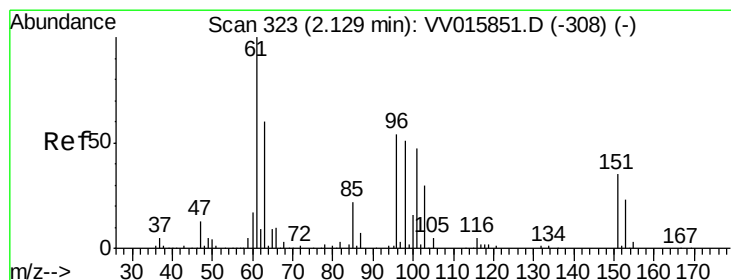
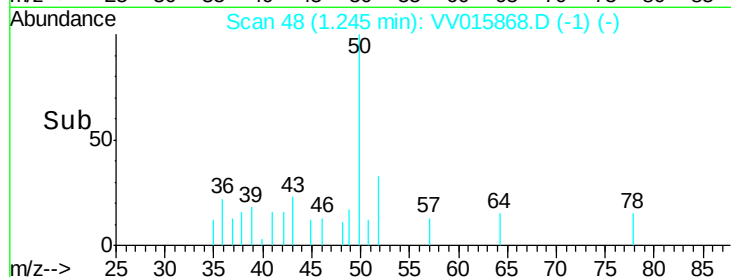
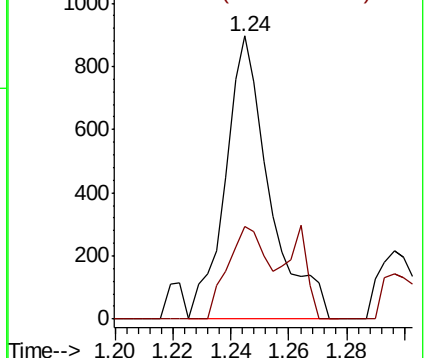
50 100

52 32.6 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV015868.D

Acq: 01 May 2020 19:12

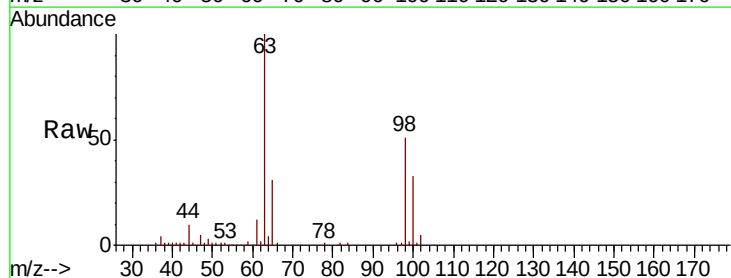
Tgt Ion: 96 Resp: 511

Ion Ratio Lower Upper

96 100

61 1110.8 130.1 241.7#

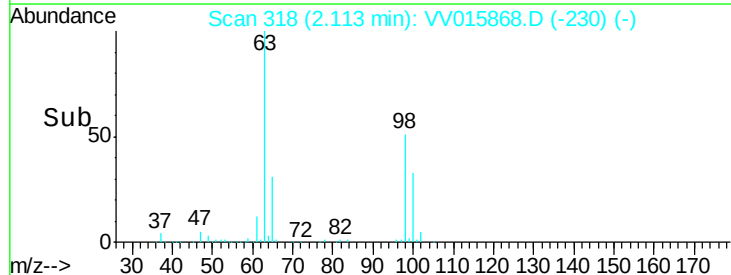
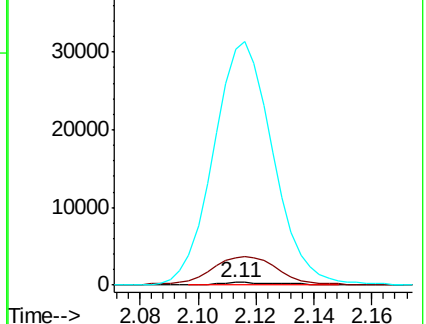
63 9382.0 91.4 169.8#

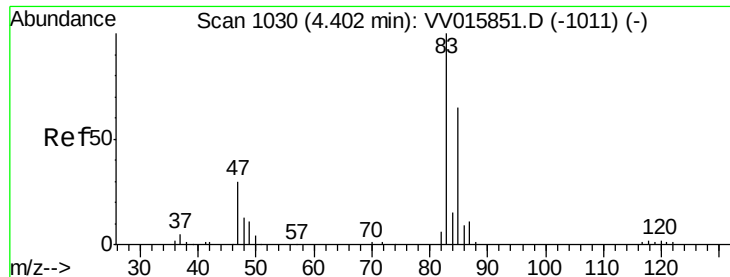


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

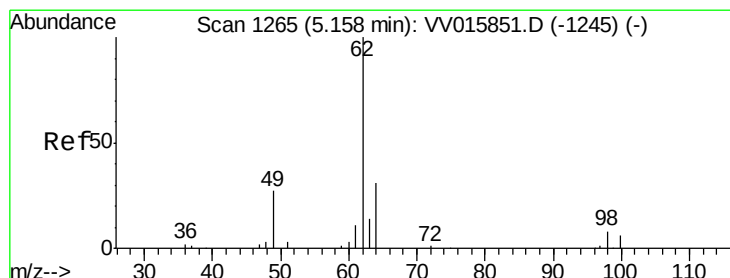
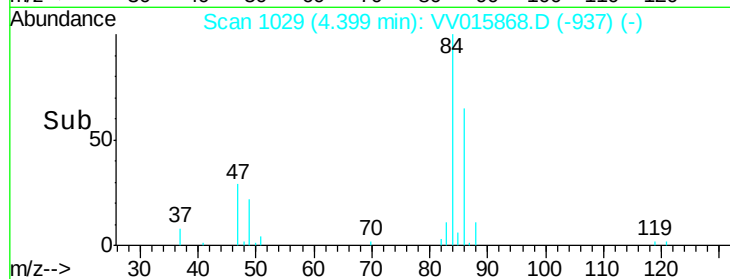
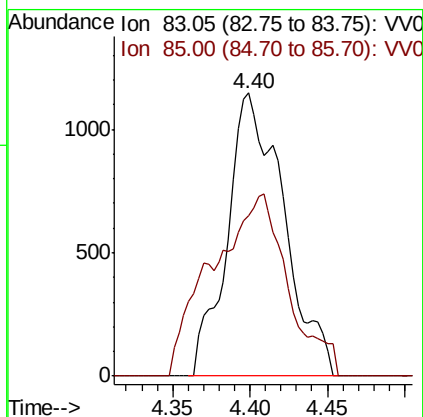
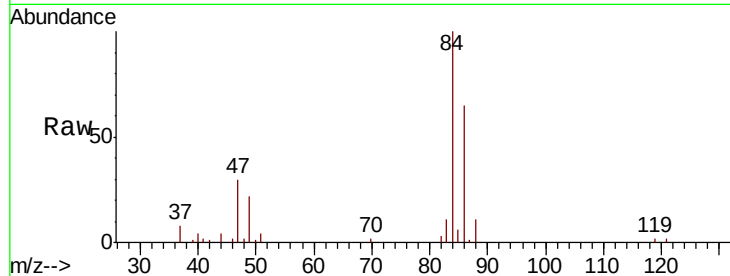




#25
Chloroform
Concen: 0.177 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015868.D
Acq: 01 May 2020 19:12

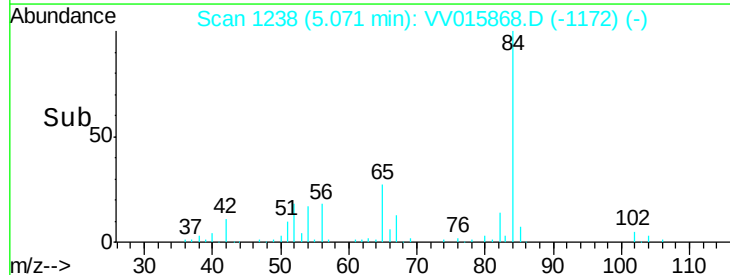
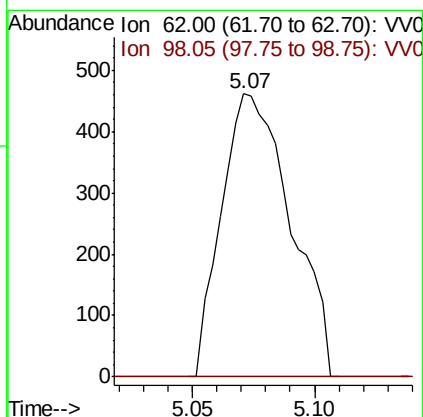
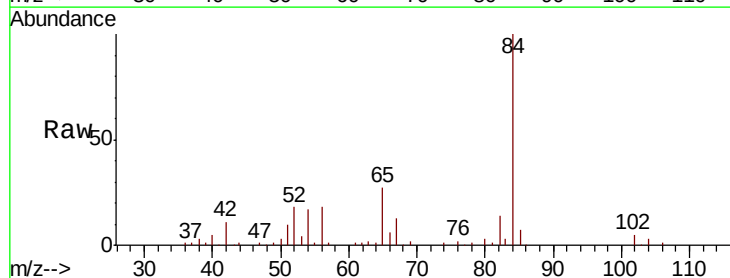
Instrument :
MSVOA_V
ClientSampled :

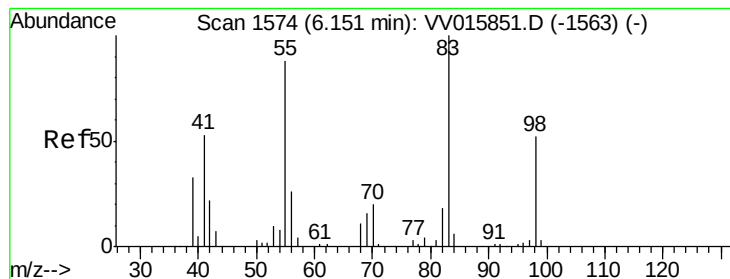
Tot Ion: 83 Resp: 2898
Ion Ratio Lower Upper
83 100
85 56.6 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.09 min
Lab File: VV015868.D
Acq: 01 May 2020 19:12

Tgt Ion: 62 Resp: 908
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#





#35

Methylvlcyclohexane

Concen: 0.715 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015868.D

Acq: 01 May 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

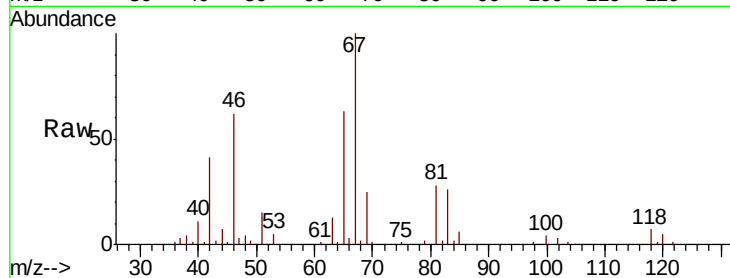
Tot Ion: 83 Resp: 9925

Ion Ratio Lower Upper

83 100

55 0.7 66.6 99.8#

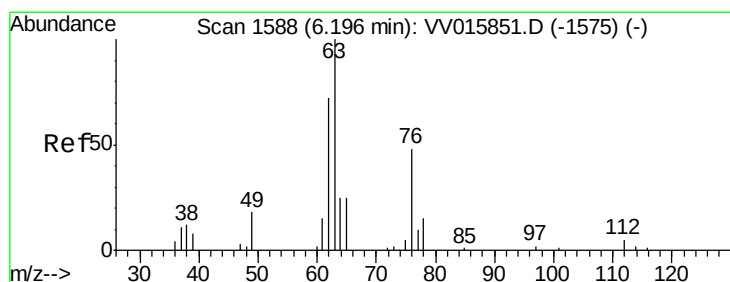
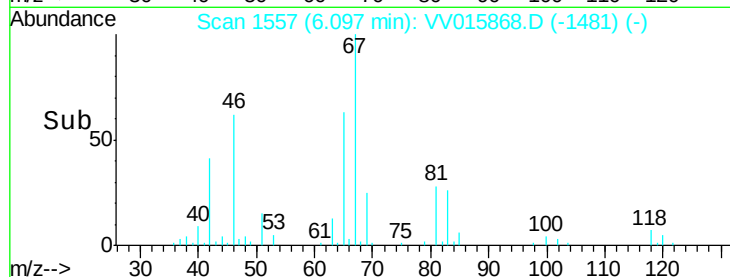
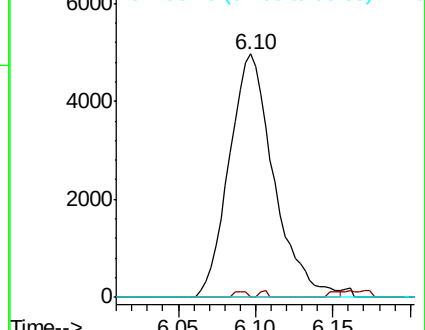
98 0.9 39.5 59.3#



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: 0.645 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015868.D

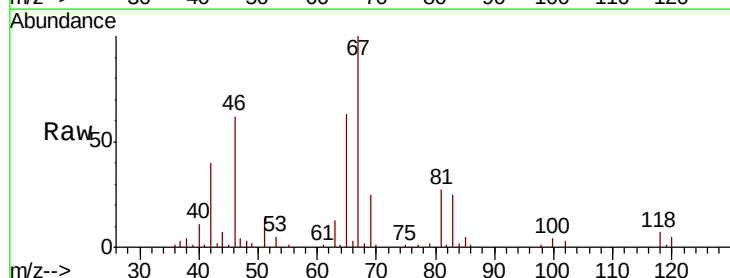
Acq: 01 May 2020 19:12

Tgt Ion: 63 Resp: 5368

Ion Ratio Lower Upper

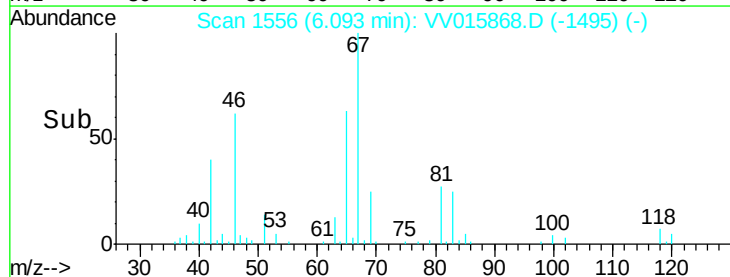
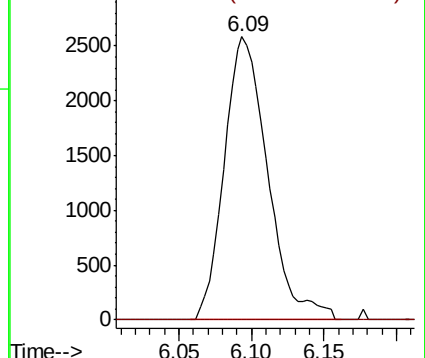
63 100

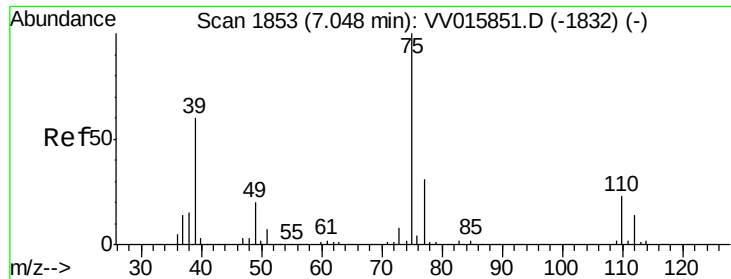
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

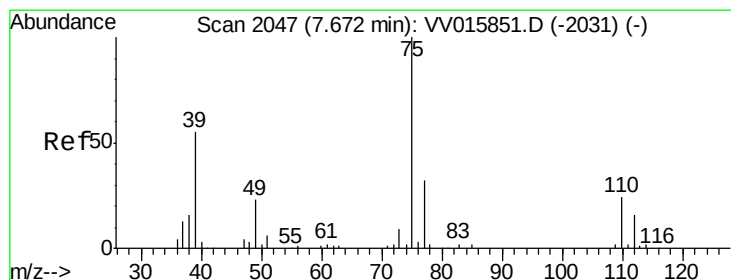
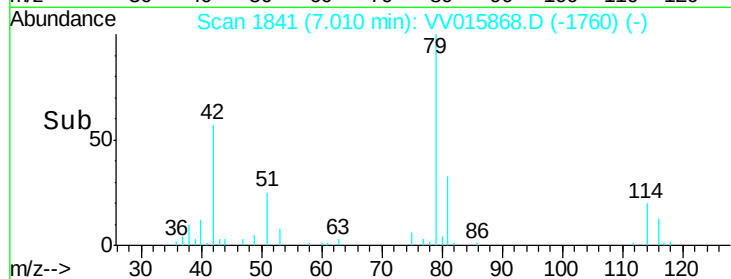
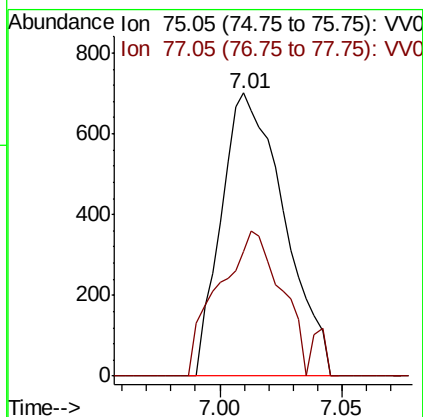
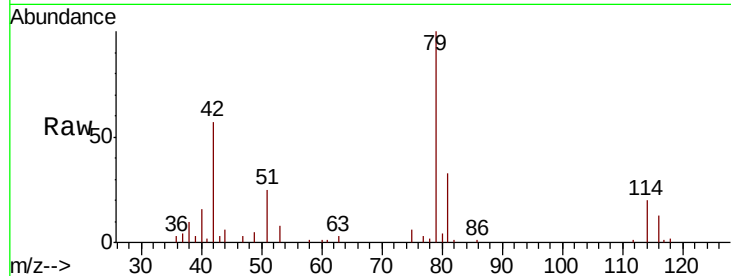




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015868.D
 Acq: 01 May 2020 19:12

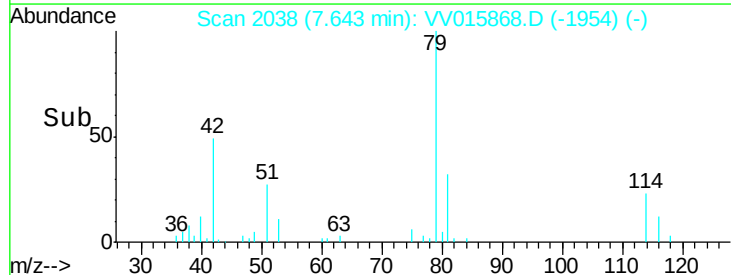
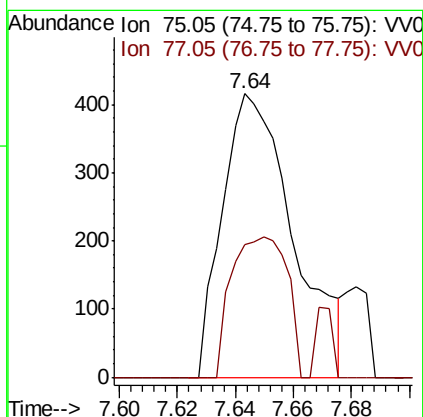
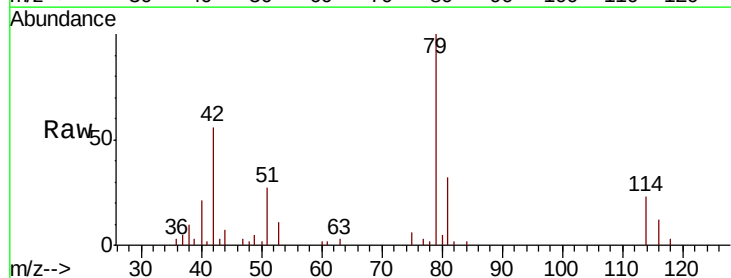
Instrument :
 MSVOA_V
 ClientSampleId :

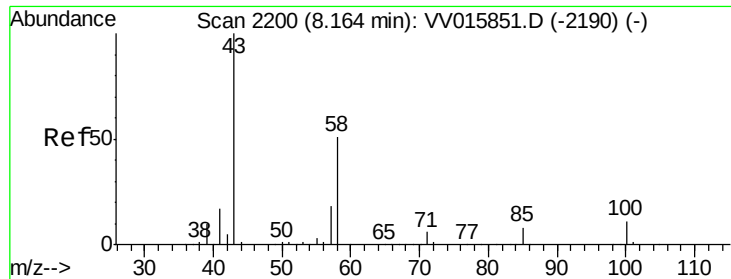
Tot Ion: 75 Resp: 1255
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015868.D
 Acq: 01 May 2020 19:12

Tgt Ion: 75 Resp: 705
 Ion Ratio Lower Upper
 75 100
 77 46.9 21.8 40.6#





#48

2-Hexanone

Concen: 1.440 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015868.D

Acq: 01 May 2020 19:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5549

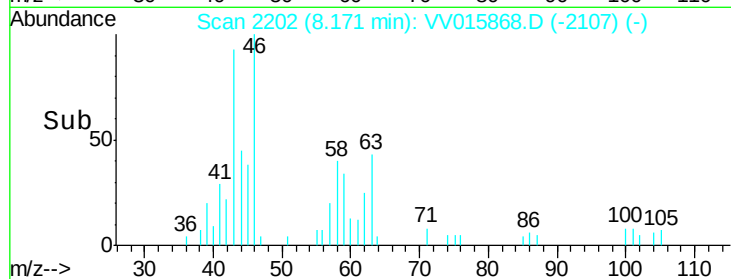
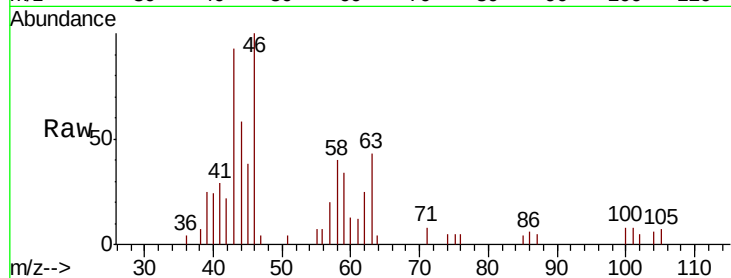
Ion Ratio Lower Upper

43 100

58 44.0 41.1 61.7

57 25.1 15.0 22.4#

100 6.6 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

