

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015663.D
 Acq On : 23 Apr 2020 15:25
 Operator : SY/MD
 Sample : L2390-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:32:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125784	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58774	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30065	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.57	69	30111	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.12	63	48714	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.95	46	105665	50.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	4.38	84	70279	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.06	65	43044	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.07	84	137543	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	45065	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.34	98	124852	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.65	79	14280	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.11	63	83574	47.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32072	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	49185	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

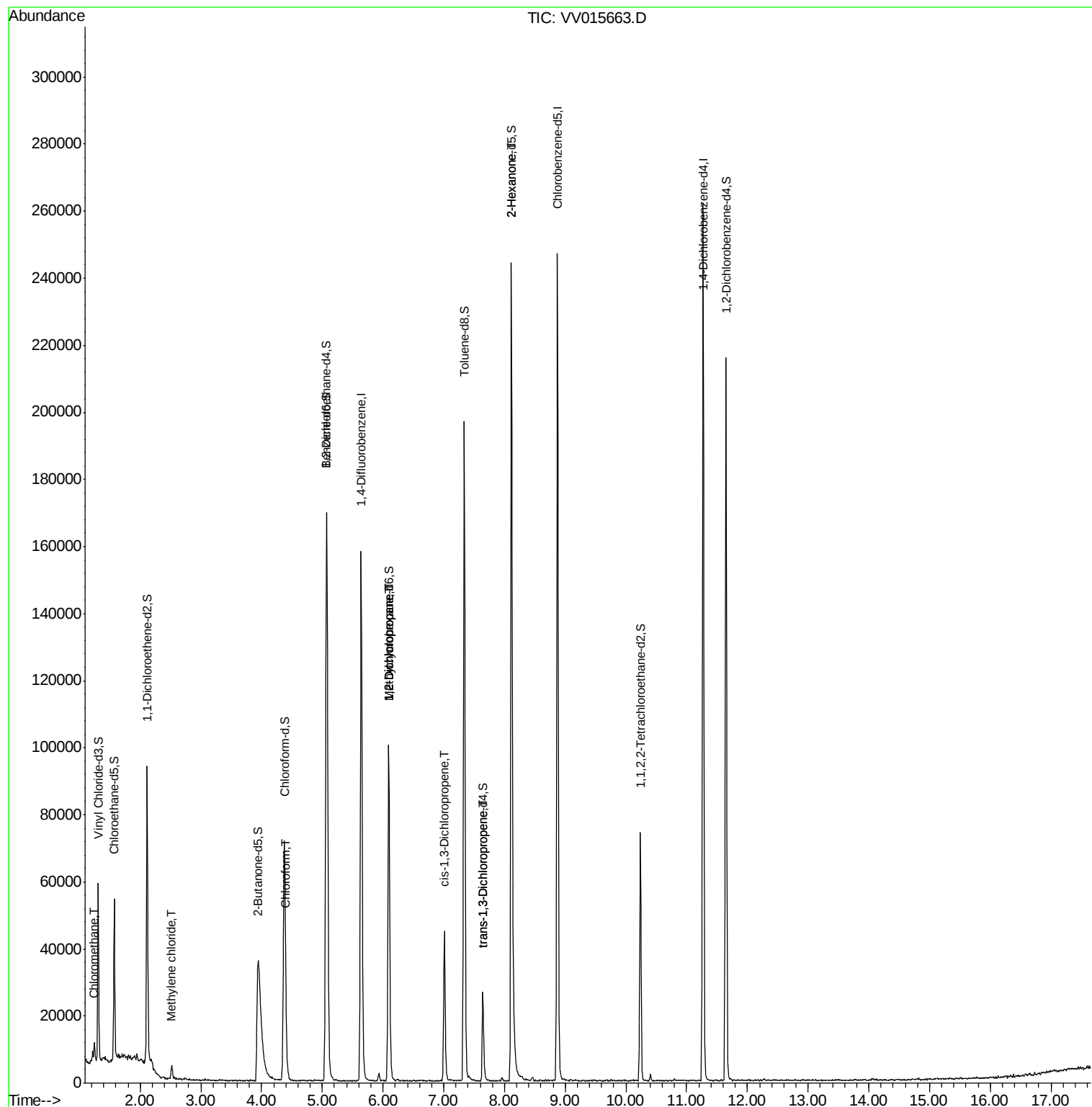
					Ovalue
3) Chloromethane	1.24	50	2752	0.295 ug/L	99
16) Methylene chloride	2.52	84	1485	0.164 ug/L	91
25) Chloroform	4.41	83	4045	0.237 ug/L	80
35) Methylcyclohexane	6.09	83	11017	0.743 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5904	0.664 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1242	0.100 ug/L #	60
44) trans-1,3-Dichloropropene	7.64	75	758	0.073 ug/L	88
48) 2-Hexanone	8.11	43	12126	2.947 ug/L #	74

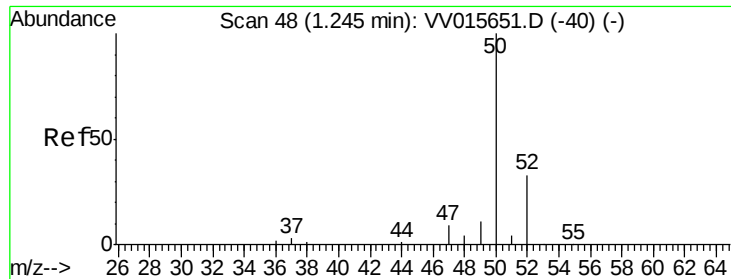
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.295 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015663.D

Acq: 23 Apr 2020 15:25

Instrument :

MSVOA_V

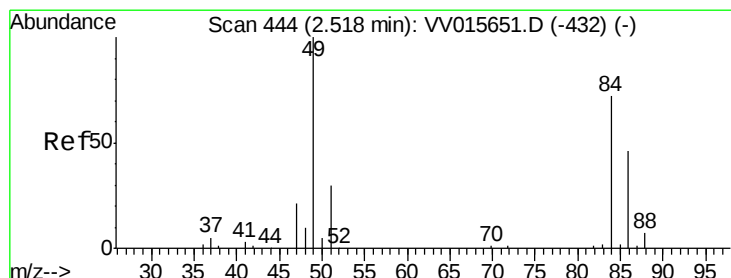
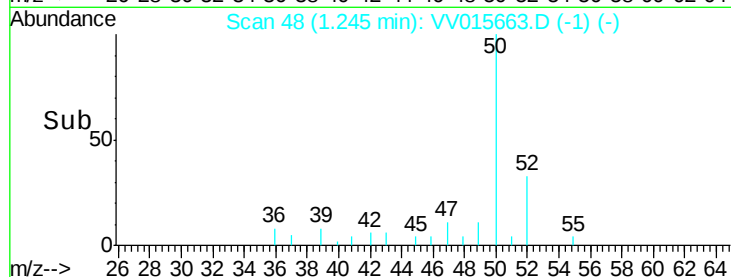
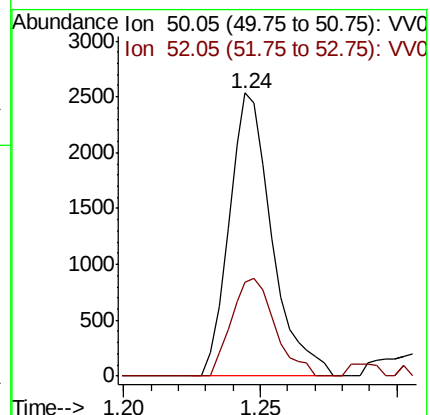
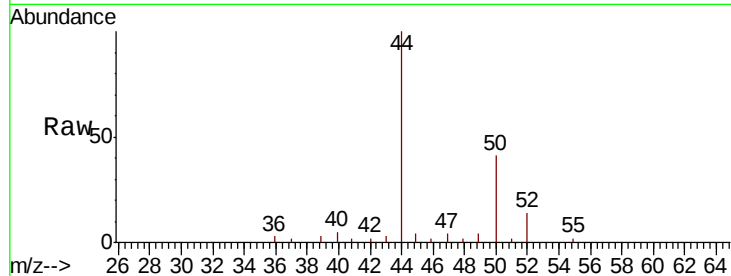
ClientSampled :

Tot Ion: 50 Resp: 2752

Ion Ratio Lower Upper

50 100

52 33.2 22.9 42.5



#16

Methylene chloride

Concen: 0.164 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV015663.D

Acq: 23 Apr 2020 15:25

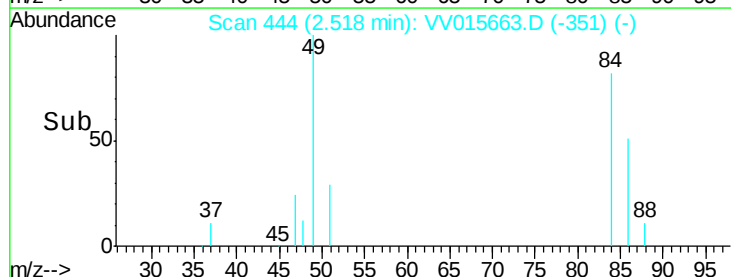
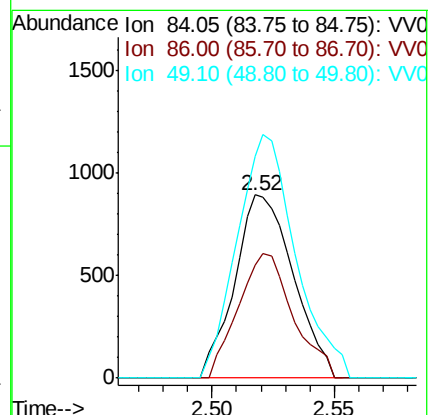
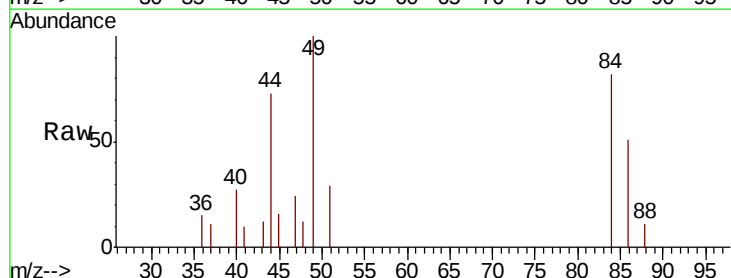
Tgt Ion: 84 Resp: 1485

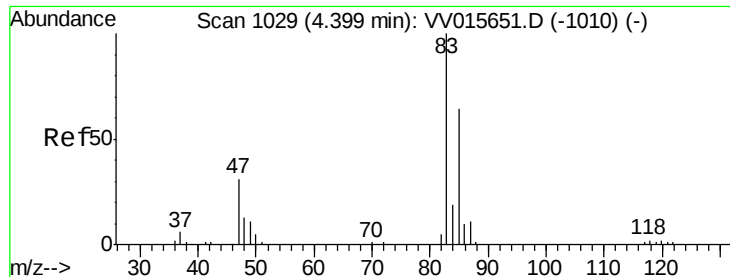
Ion Ratio Lower Upper

84 100

86 61.9 45.1 83.7

49 121.4 94.4 175.4

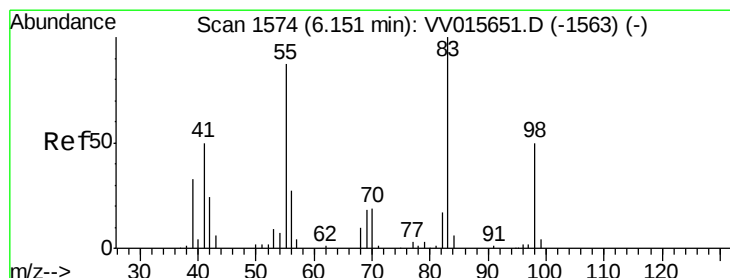
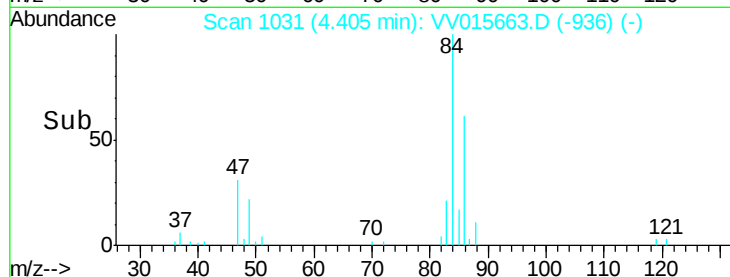
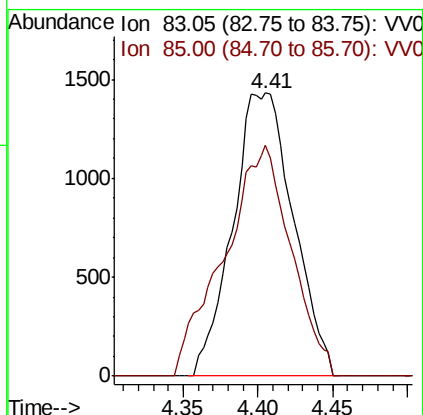
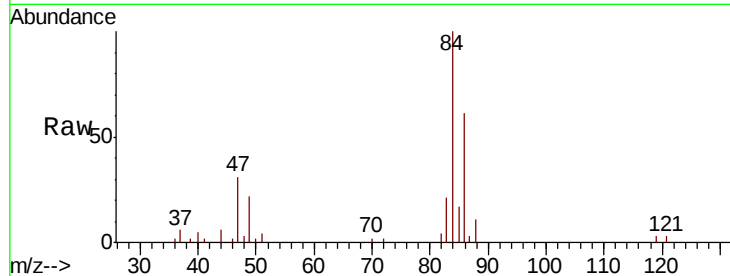




#25
Chloroform
Concen: 0.237 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015663.D
Acq: 23 Apr 2020 15:25

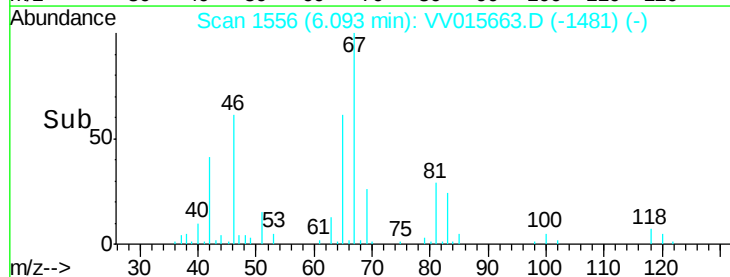
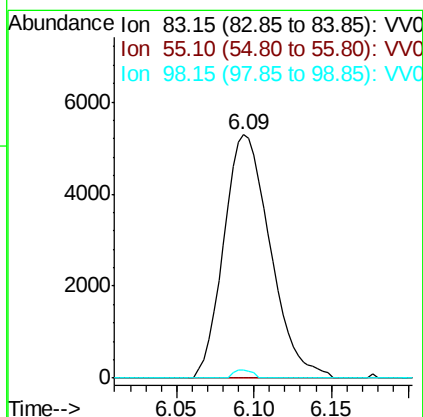
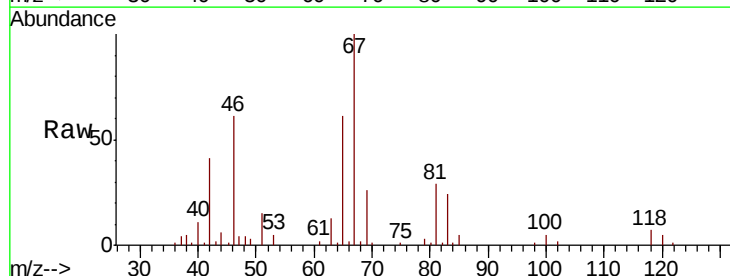
Instrument :
MSVOA_V
ClientSampleId :

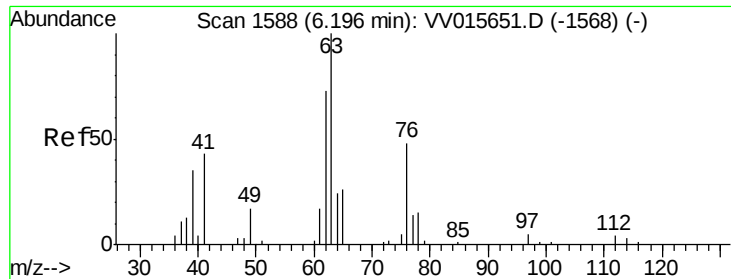
Tot Ion: 83 Resp: 4045
Ion Ratio Lower Upper
83 100
85 81.4 46.1 85.5



#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015663.D
Acq: 23 Apr 2020 15:25

Tgt Ion: 83 Resp: 11017
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 1.3 39.5 59.3#

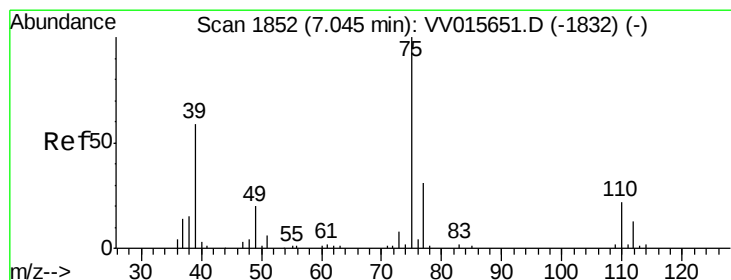
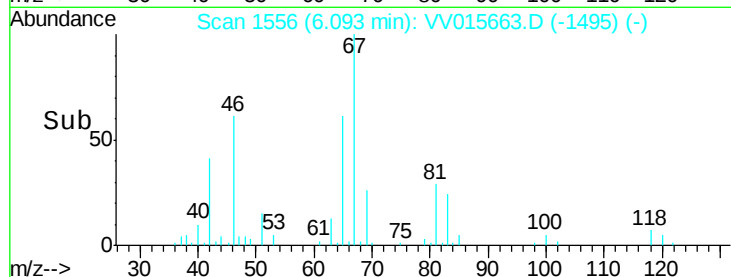
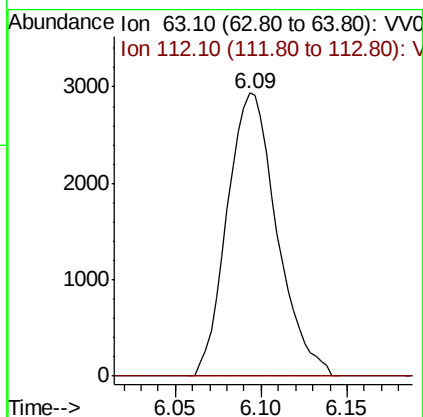
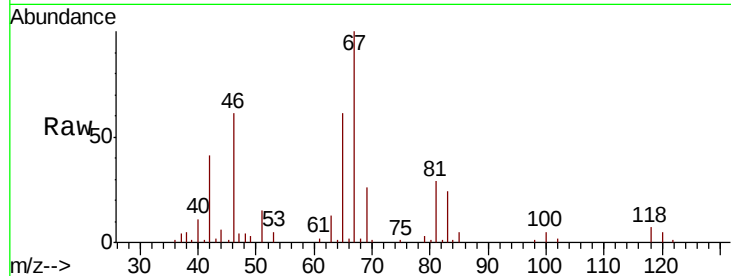




#37
 1,2-Dichloropropane
 Concen: 0.664 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015663.D
 Acq: 23 Apr 2020 15:25

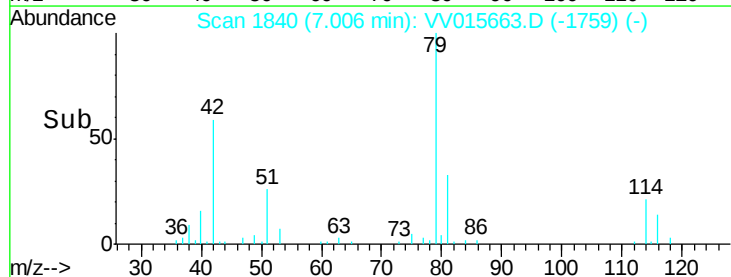
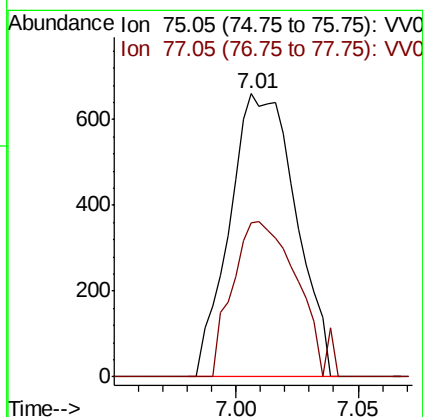
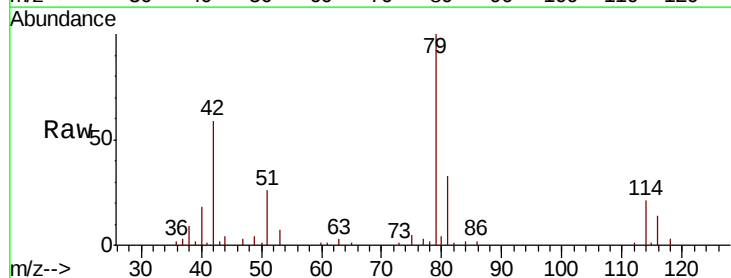
Instrument :
 MSVOA_V
 ClientSampleId :

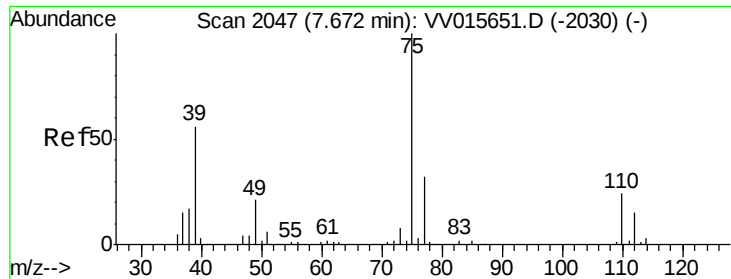
Tot Ion: 63 Resp: 5904
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015663.D
 Acq: 23 Apr 2020 15:25

Tgt Ion: 75 Resp: 1242
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015663.D

Acq: 23 Apr 2020 15:25

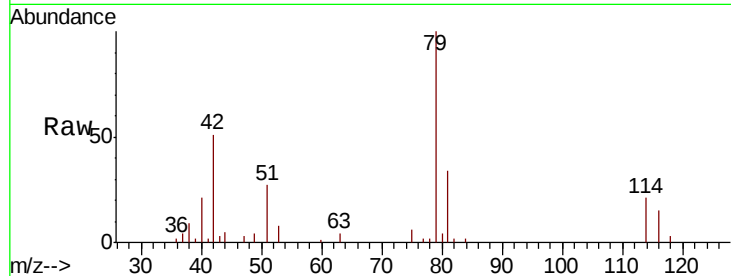
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 758

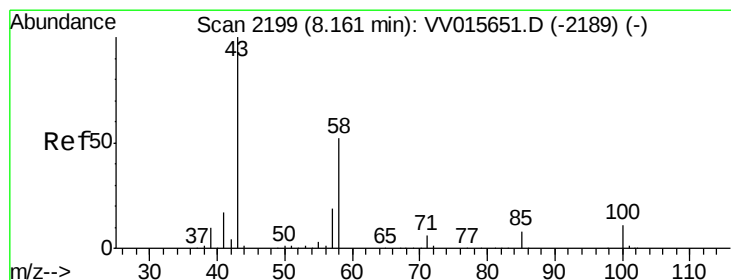
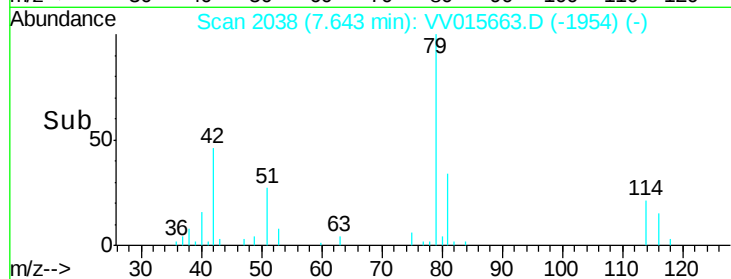
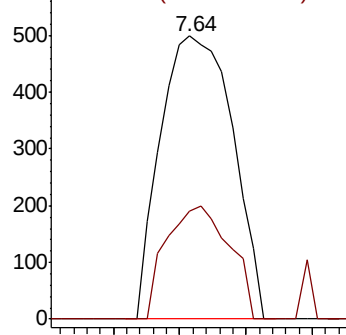
Ion Ratio Lower Upper

75 100

77 38.1 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.947 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015663.D

Acq: 23 Apr 2020 15:25

Tgt Ion: 43 Resp: 12126

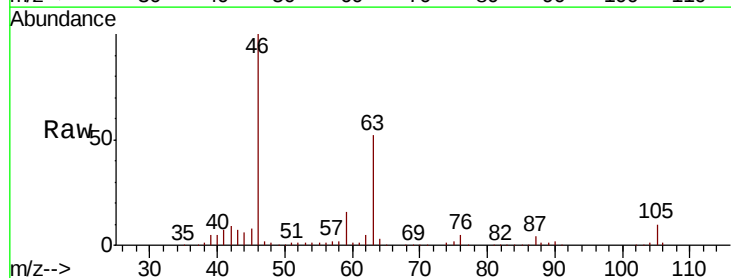
Ion Ratio Lower Upper

43 100

58 29.8 41.1 61.7#

57 22.9 15.0 22.4#

100 0.0 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

