

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015890.D
 Acq On : 04 May 2020 17:17
 Operator : SY/MD
 Sample : L2435-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 01:33:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121816	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30042	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.57	69	28995	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.12	63	46388	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.98	46	96021	46.98	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	4.38	84	63453	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.06	65	40434	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.07	84	133782	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.10	67	42363	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	119006	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.65	79	14886	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.12	63	75974	45.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30471	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	45245	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

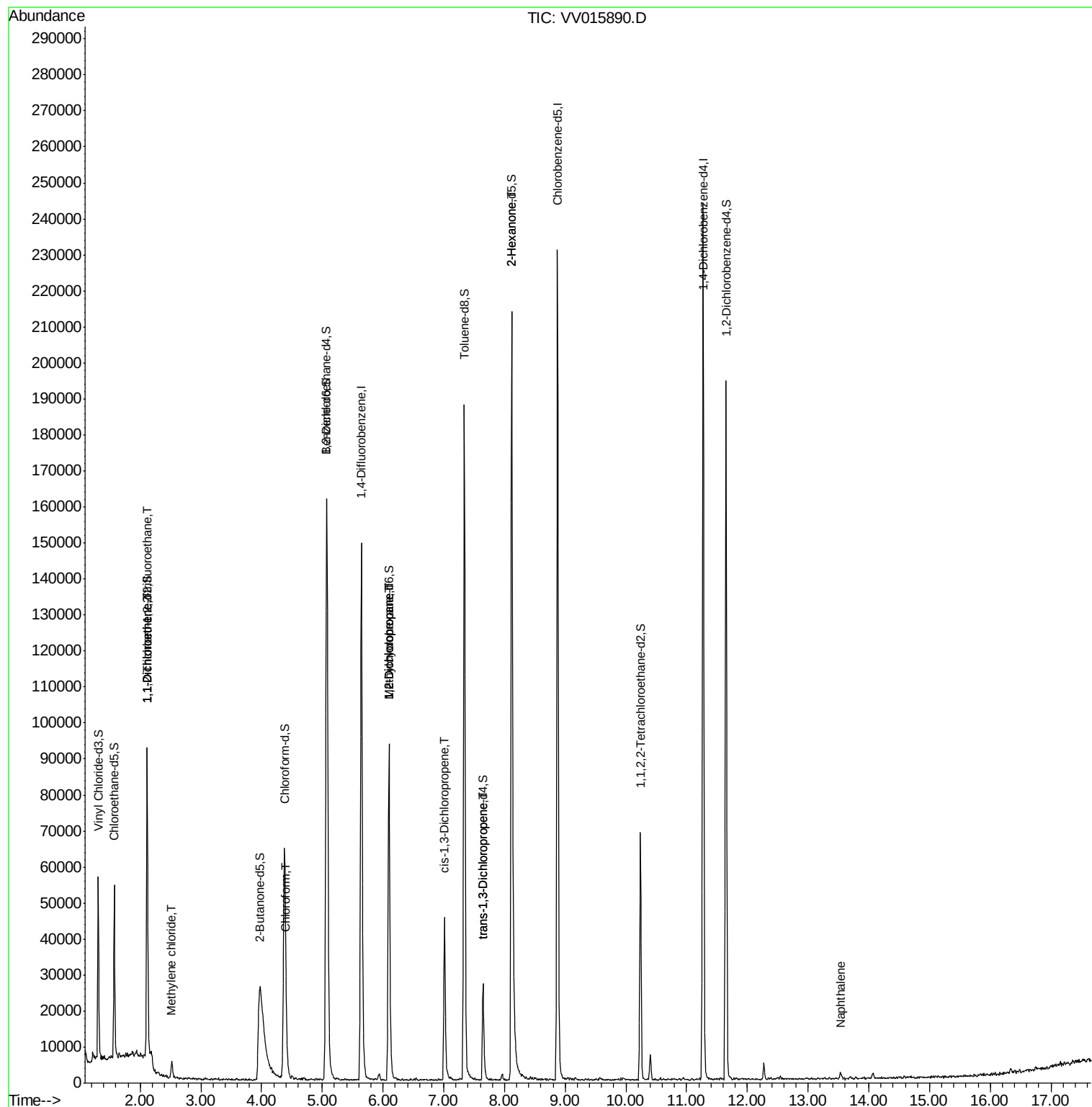
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	596	0.078 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	549	0.077 ug/L #	1
16) Methylene chloride	2.52	84	1771	0.202 ug/L	93
25) Chloroform	4.41	83	7457	0.451 ug/L	93
35) Methylcyclohexane	6.10	83	10891	0.779 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5236	0.624 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1276	0.109 ug/L #	57
44) trans-1,3-Dichloropropene	7.65	75	853	0.087 ug/L #	82
48) 2-Hexanone	8.12	43	10947	2.821 ug/L #	75
69) Naphthalene	13.53	128	1850	0.085 ug/L #	87

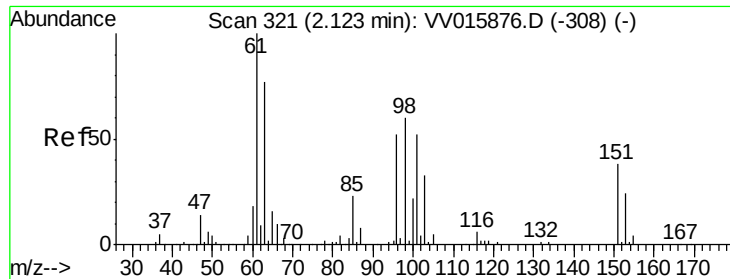
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration





#10

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

Concen: 0.078 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015890.D

Acq: 04 May 2020 17:17

Instrument :

MSVOA_V

ClientSampled :

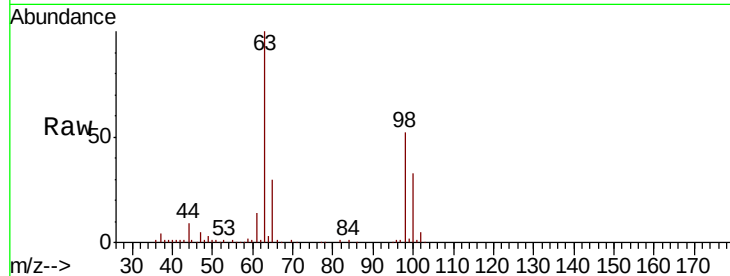
Tot Ion:101 Resp: 596

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

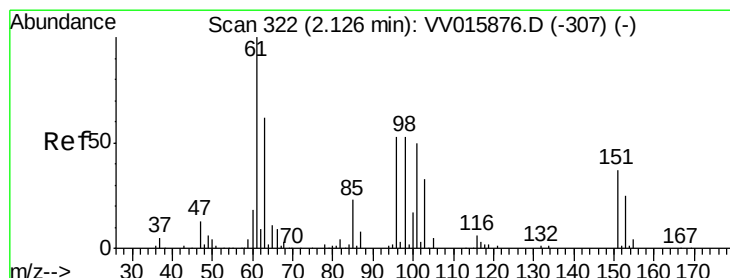
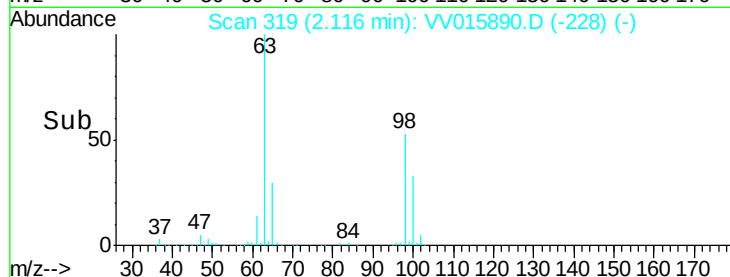
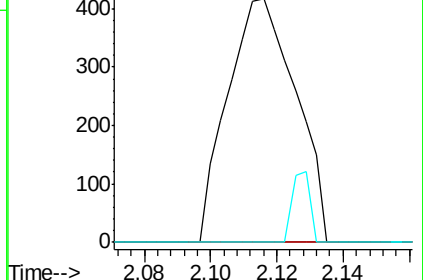
151 7.6 55.2 82.8#



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: 0.077 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015890.D

Acq: 04 May 2020 17:17

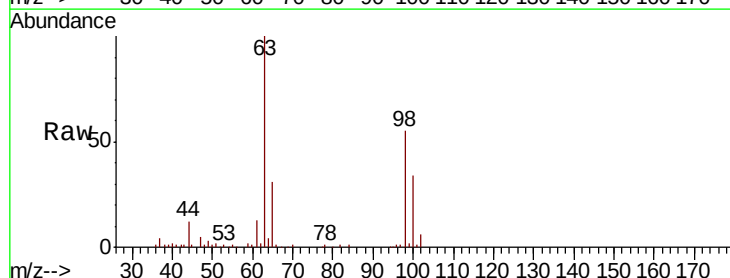
Tgt Ion: 96 Resp: 549

Ion Ratio Lower Upper

96 100

61 1012.2 130.1 241.7#

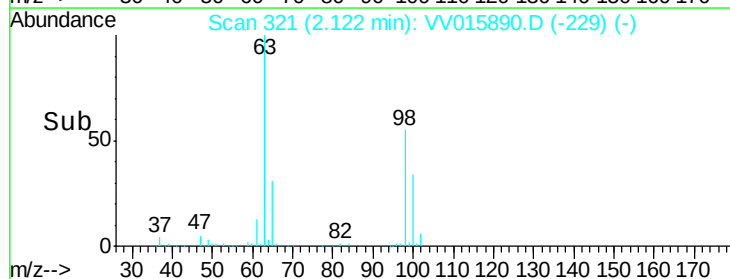
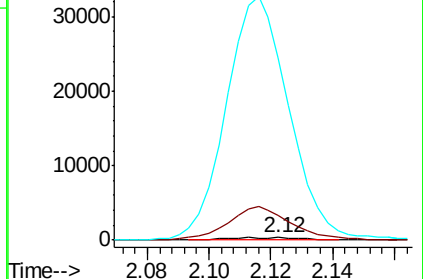
63 7630.0 91.4 169.8#

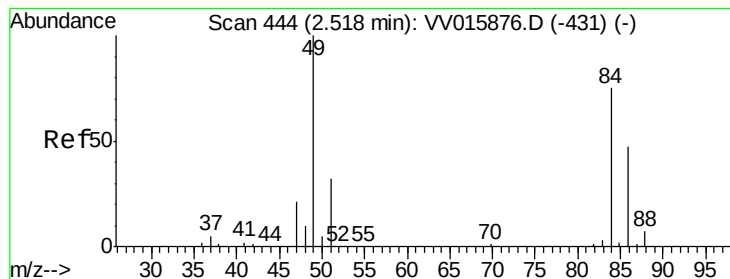


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methylene chloride

Concen: 0.202 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015890.D

Acq: 04 May 2020 17:17

Instrument :

MSVOA_V

ClientSampleId :

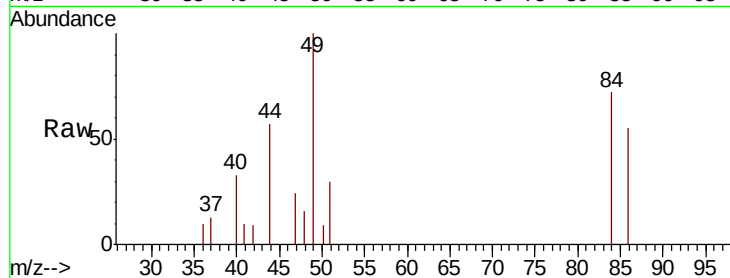
Tot Ion: 84 Resp: 1771

Ion Ratio Lower Upper

84 100

86 75.9 45.1 83.7

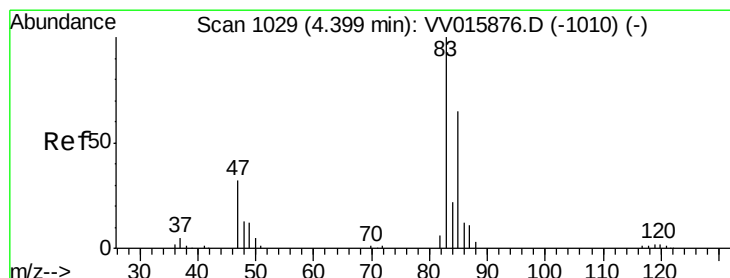
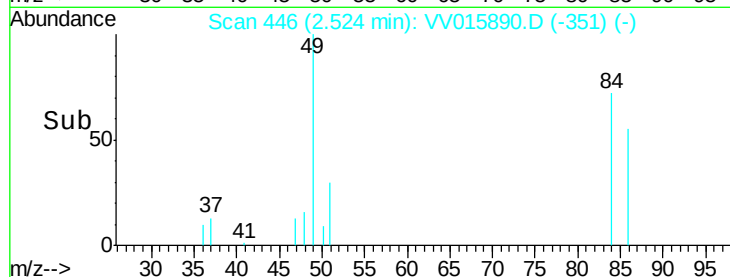
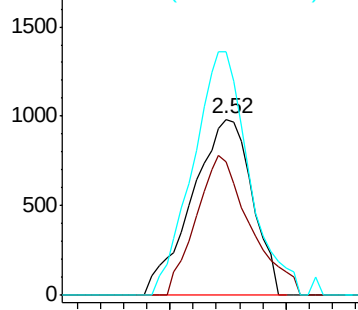
49 138.2 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV015890.D (-351) (-)

Ion 86.00 (85.70 to 86.70): VV015890.D (-351) (-)

Ion 49.10 (48.80 to 49.80): VV015890.D (-351) (-)



#25

Chloroform

Concen: 0.451 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV015890.D

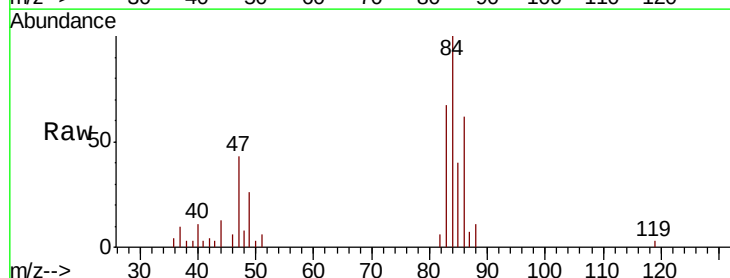
Acq: 04 May 2020 17:17

Tgt Ion: 83 Resp: 7457

Ion Ratio Lower Upper

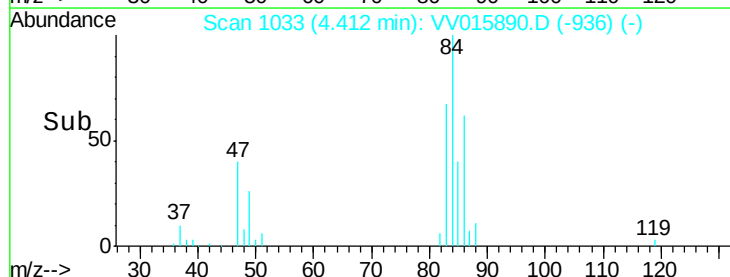
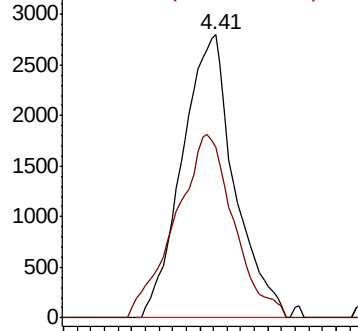
83 100

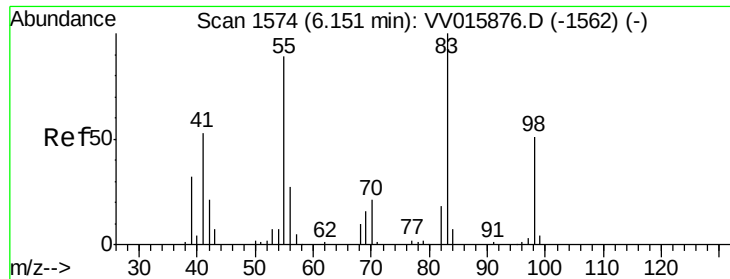
85 60.1 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015890.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV015890.D (-936) (-)

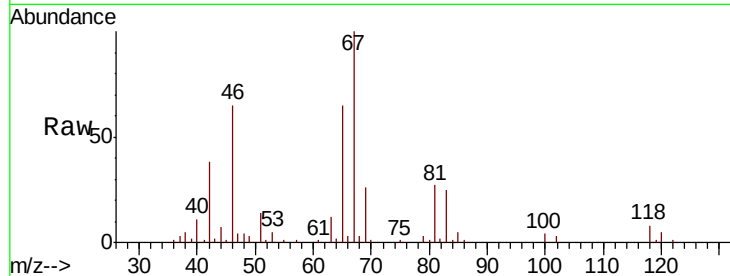




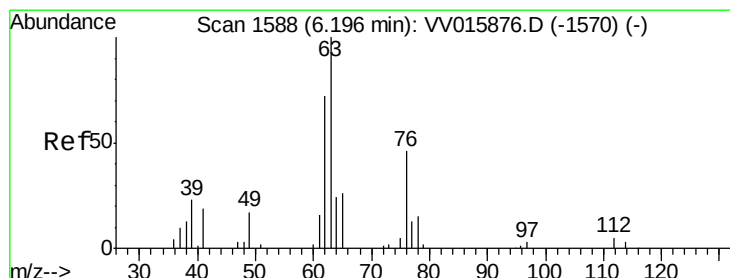
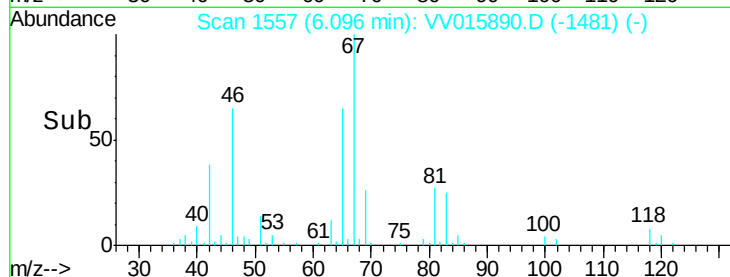
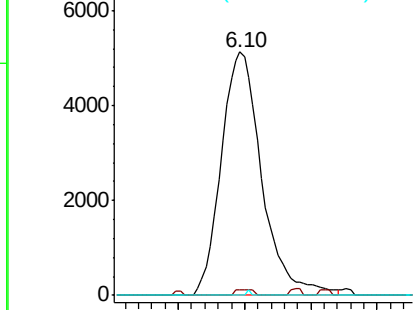
#35
Methvlcvclohexane
Concen: 0.779 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015890.D
Acq: 04 May 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10891
Ion Ratio Lower Upper
83 100
55 1.0 66.6 99.8#
98 0.2 39.5 59.3#

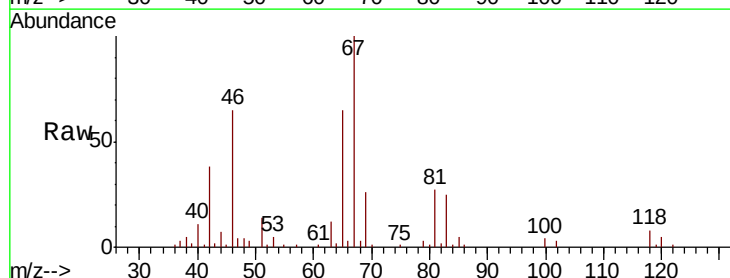


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

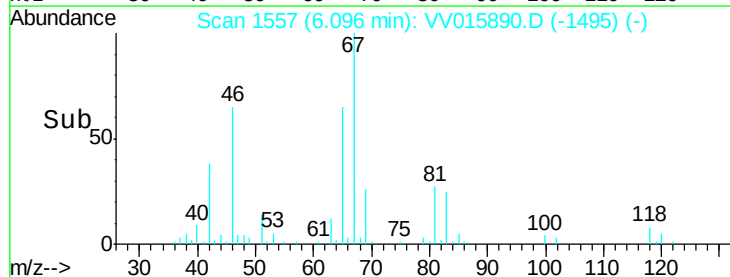
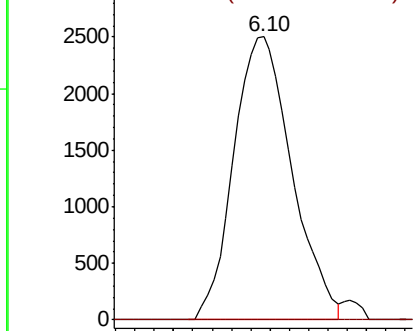


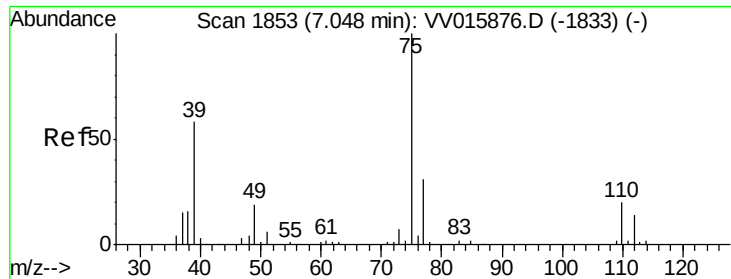
#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015890.D
Acq: 04 May 2020 17:17

Tgt Ion: 63 Resp: 5236
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

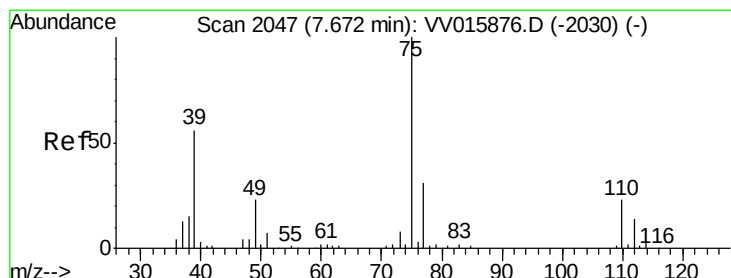
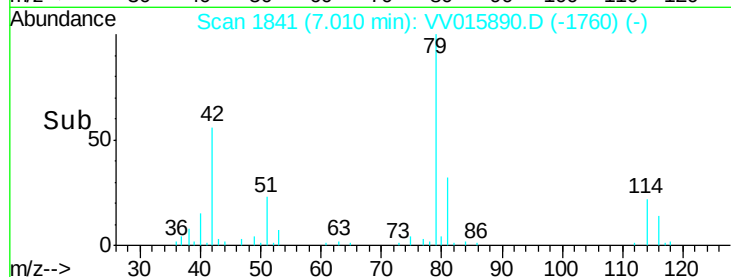
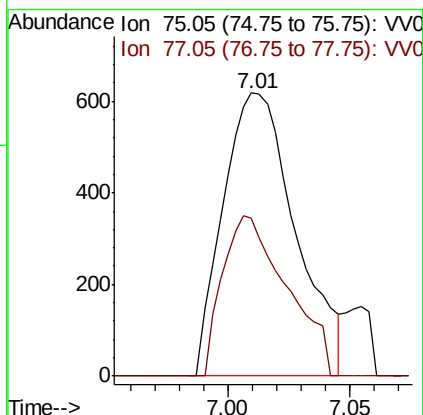
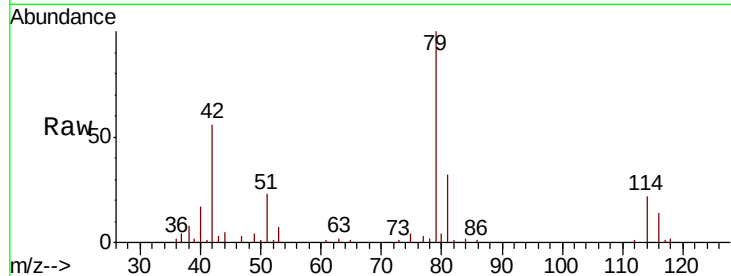




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015890.D
 Acq: 04 May 2020 17:17

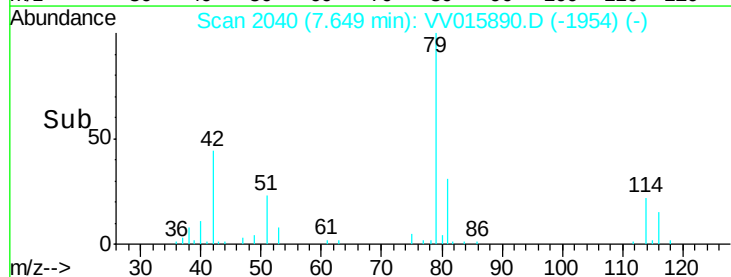
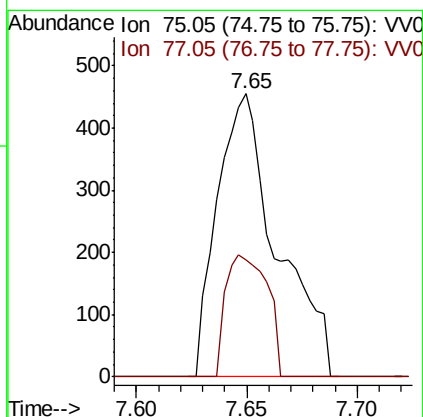
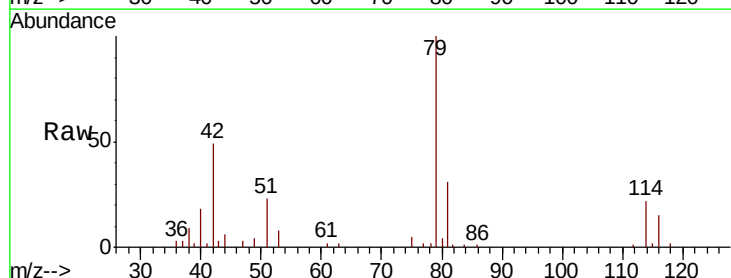
Instrument :
 MSVOA_V
 ClientSampled :

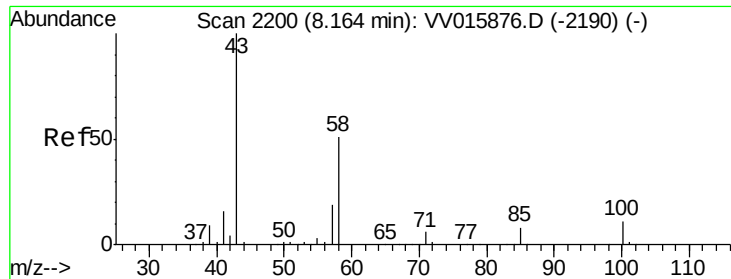
Tot Ion: 75 Resp: 1276
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV015890.D
 Acq: 04 May 2020 17:17

Tgt Ion: 75 Resp: 853
 Ion Ratio Lower Upper
 75 100
 77 41.3 21.8 40.6#

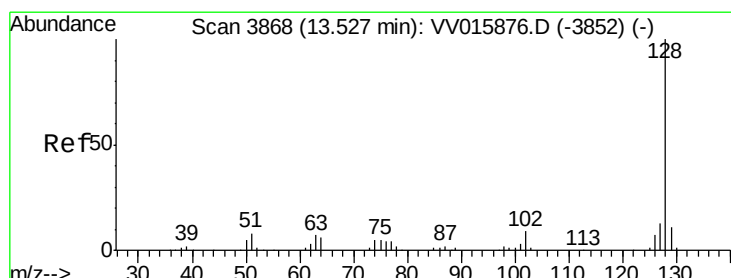
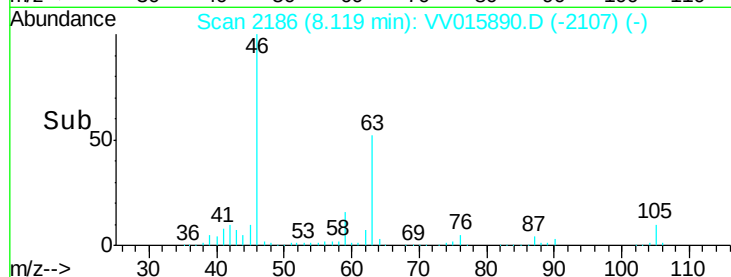
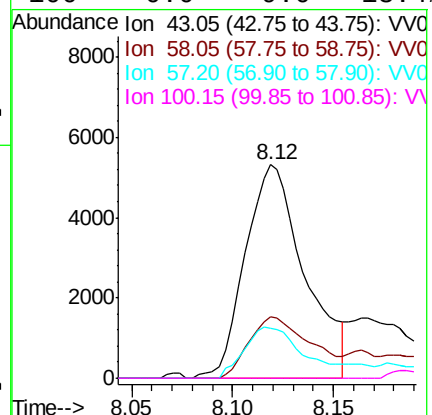
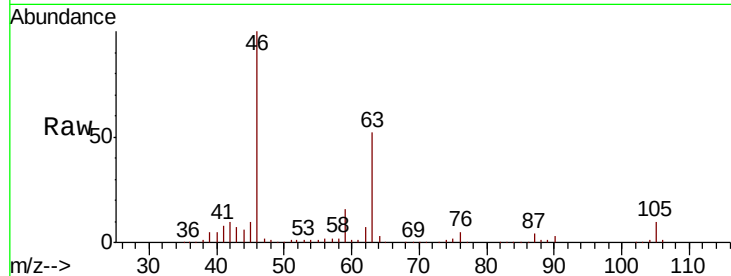




#48
2-Hexanone
Concen: 2.821 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV015890.D
Acq: 04 May 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.3	41.1	61.7#
57	23.3	15.0	22.4#
100	0.0	9.0	13.4#



#69
Naphthalene
Concen: 0.085 ug/L
RT: 13.53 min Scan# 3870
Delta R.T. 0.01 min
Lab File: VV015890.D
Acq: 04 May 2020 17:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	5.2	8.4	12.6#
127	7.8	10.2	15.4#

