

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015956.D
 Acq On : 08 May 2020 11:39
 Operator : SY/MD
 Sample : L2520-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 00:46:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	143114	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	141955	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65780	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36462	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	35960	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.12	63	59703	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.93	46	112651	50.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	4.38	84	87510	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.06	65	49473	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	169335	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.09	67	54122	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.34	98	153787	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
45) trans-1,3-Dichloropropene-	7.65	79	18778	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
48) 2-Hexanone-d5	8.11	63	84036	47.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35715	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	57528	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

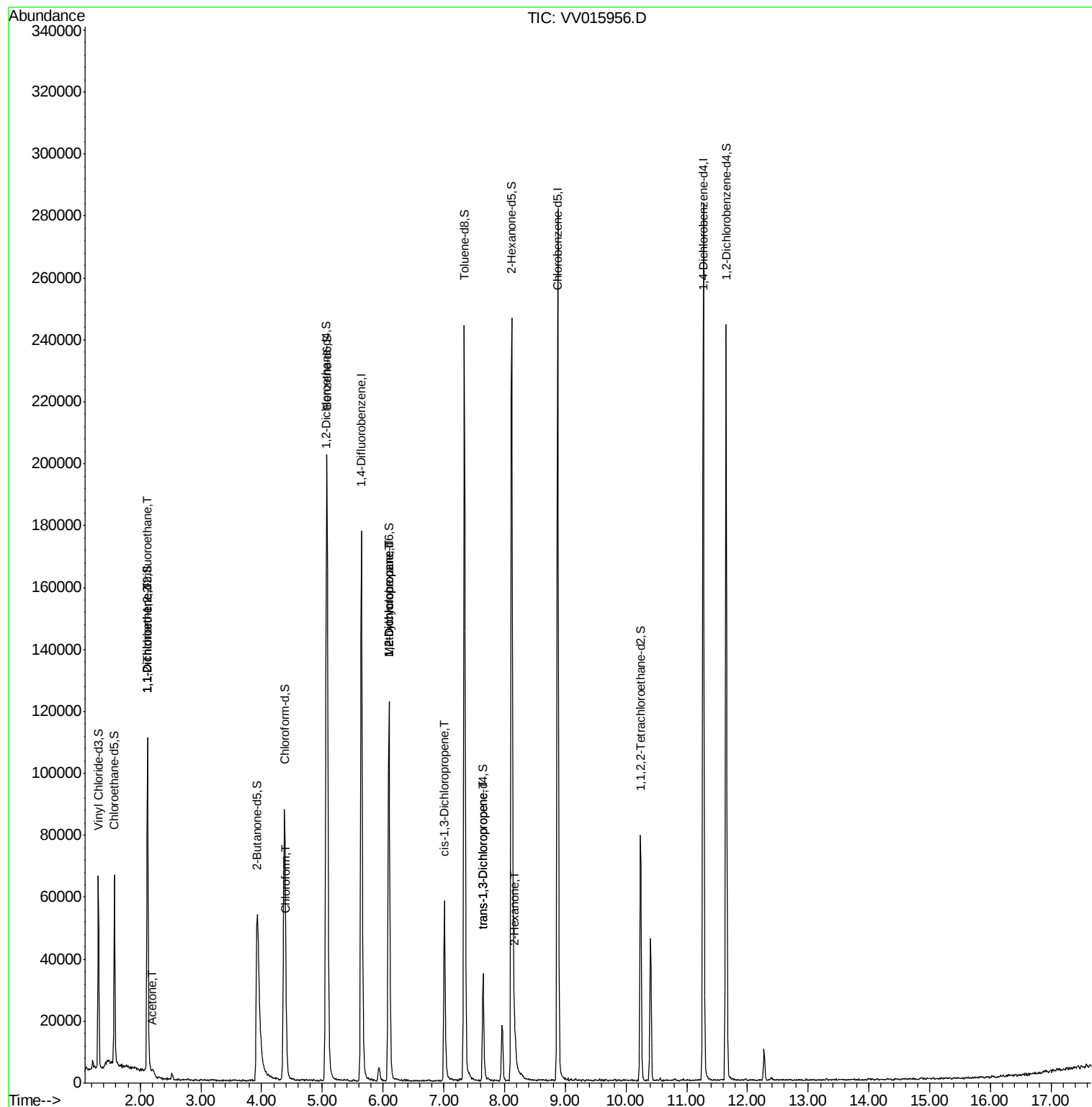
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	598	0.073 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	554	0.070 ug/L #	1
13) Acetone	2.20	43	4020	2.752 ug/L	96
25) Chloroform	4.41	83	2708	0.147 ug/L	97
35) Methylcyclohexane	6.09	83	13502	0.876 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	6537	0.720 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1770	0.138 ug/L #	60
46) trans-1,3-Dichloropropene	7.65	75	1016	0.094 ug/L	89
50) 2-Hexanone	8.16	43	4912	1.228 ug/L #	73

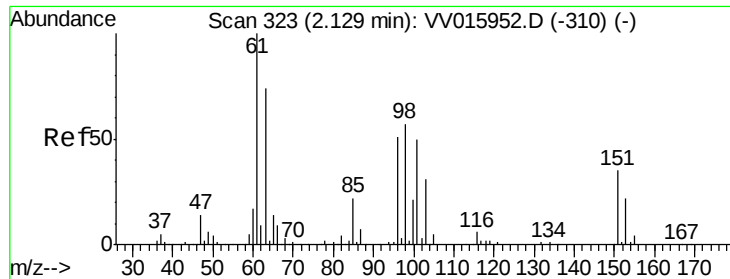
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.073 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015956.D

Acq: 08 May 2020 11:39

Instrument :

MSVOA_V

ClientSampled :

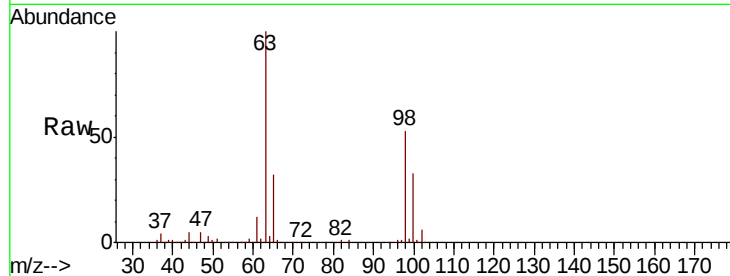
Tot Ion:101 Resp: 598

Ion Ratio Lower Upper

101 100

85 3.3 35.7 53.5#

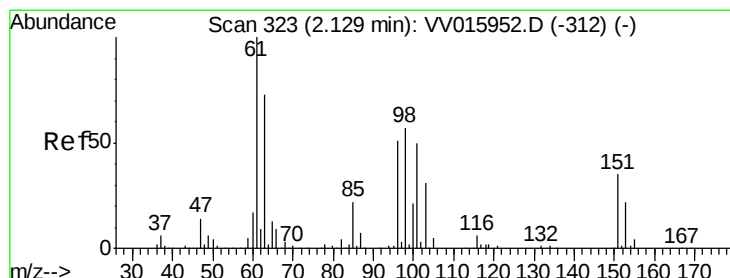
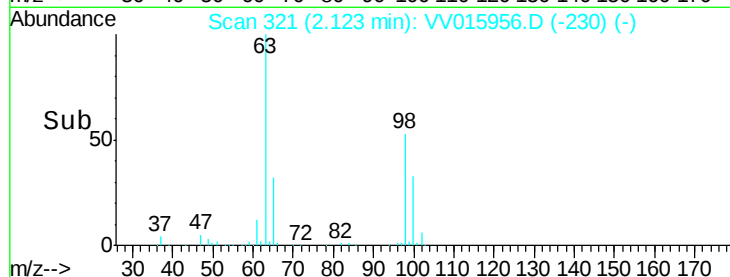
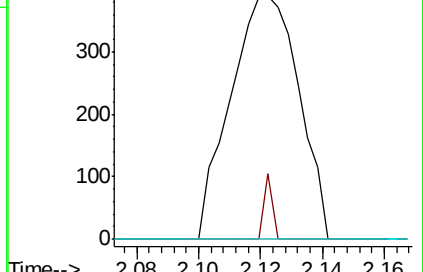
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): VV015956.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV015956.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV015956.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV015956.D

Acq: 08 May 2020 11:39

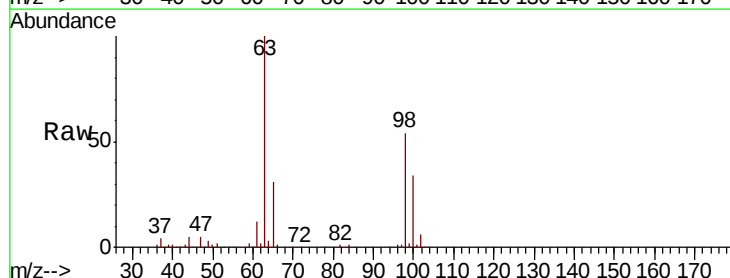
Tgt Ion: 96 Resp: 554

Ion Ratio Lower Upper

96 100

61 1079.5 139.9 259.7#

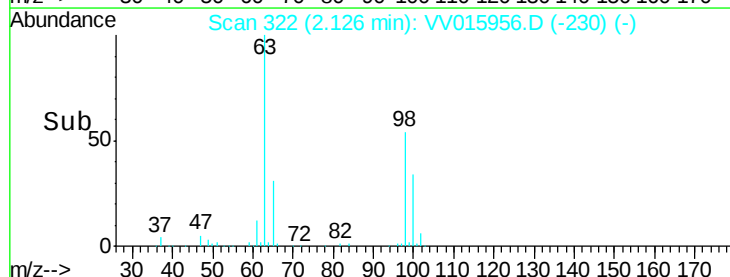
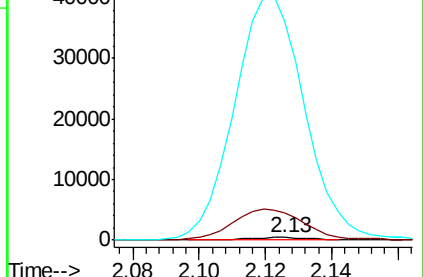
63 8878.2 106.4 197.6#

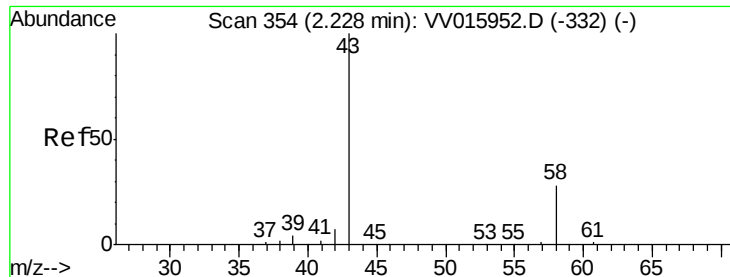


Abundance Ion 96.00 (95.70 to 96.70): VV015956.D (-230) (-)

Ion 61.05 (60.75 to 61.75): VV015956.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV015956.D (-230) (-)





#13

Acetone

Concen: 2.752 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV015956.D

Acq: 08 May 2020 11:39

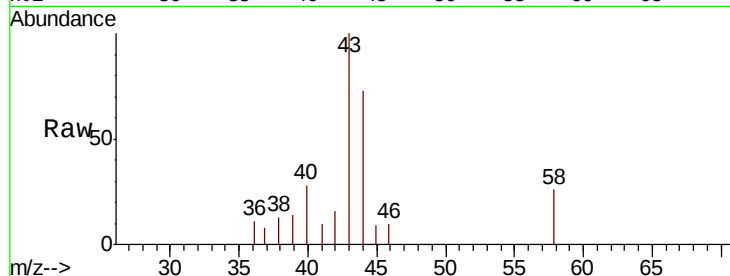
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4020

Ion Ratio Lower Upper

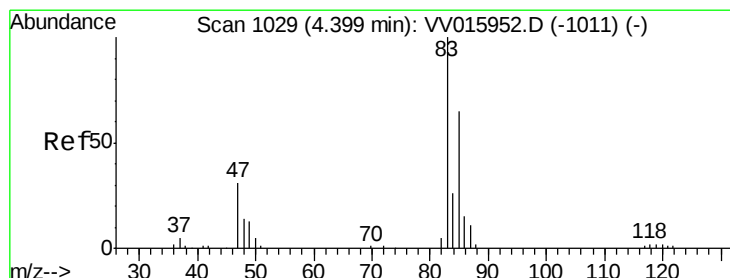
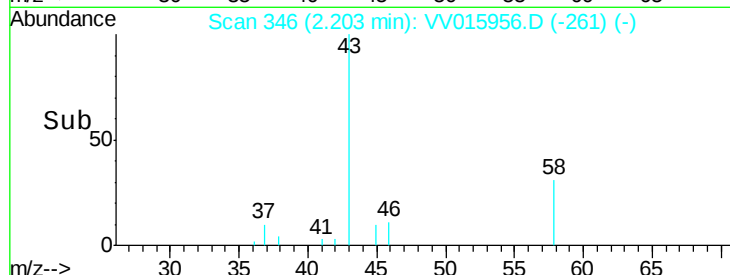
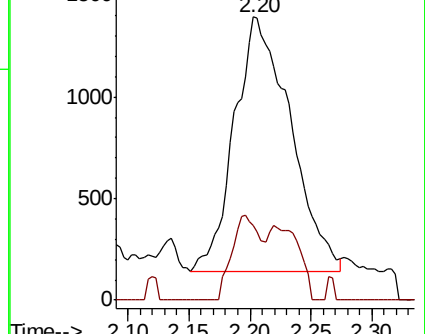
43 100

58 17.2 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015952.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015952.D (-332) (-)



#25

Chloroform

Concen: 0.147 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015956.D

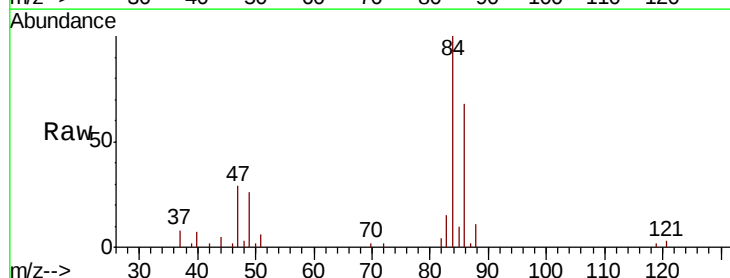
Acq: 08 May 2020 11:39

Tgt Ion: 83 Resp: 2708

Ion Ratio Lower Upper

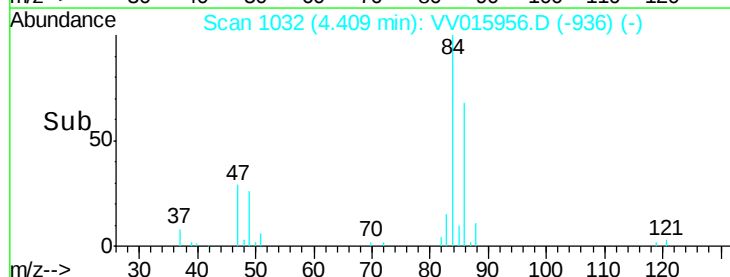
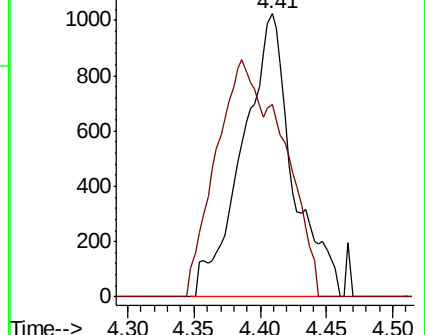
83 100

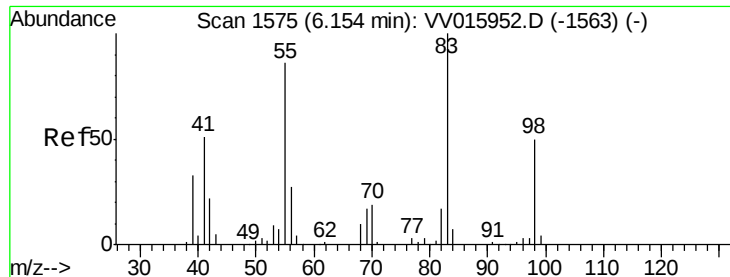
85 68.1 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015952.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV015952.D (-1011) (-)

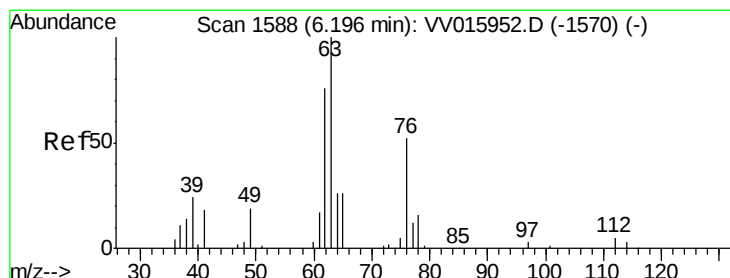
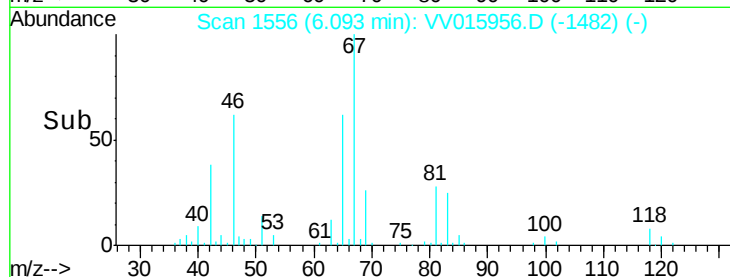
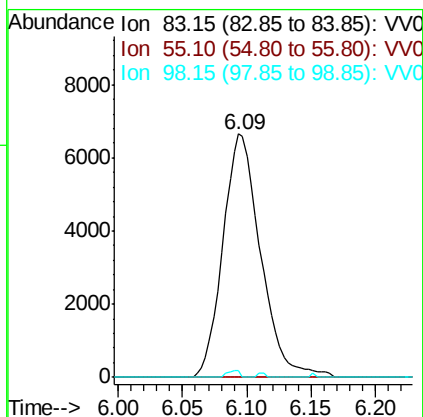
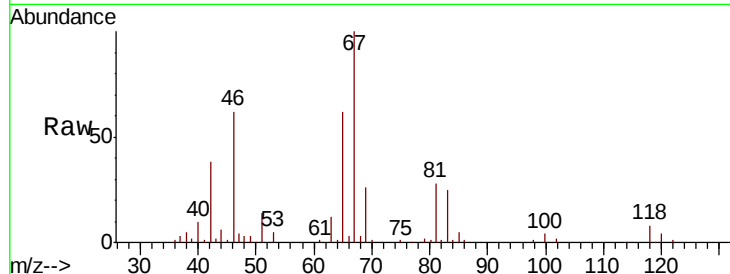




#35
Methvlcvclohexane
Concen: 0.876 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015956.D
Acq: 08 May 2020 11:39

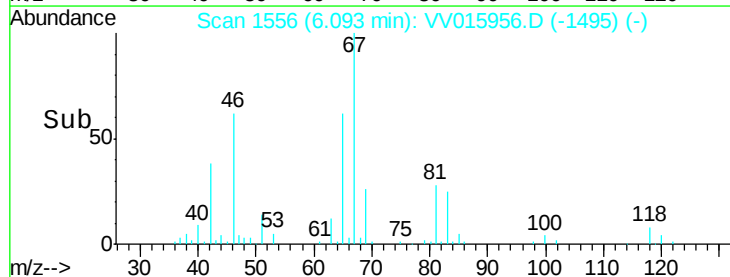
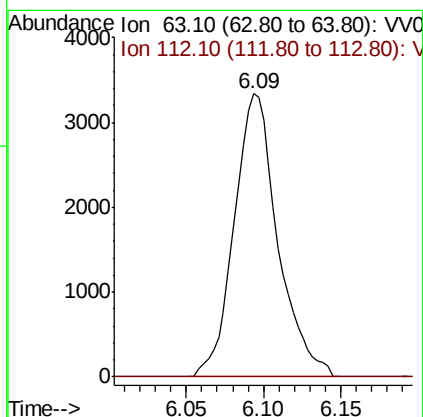
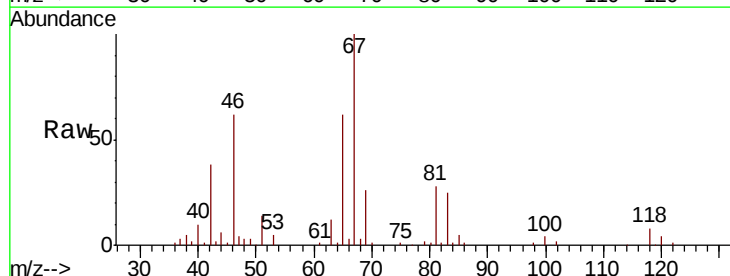
Instrument :
MSVOA_V
ClientSampleId :

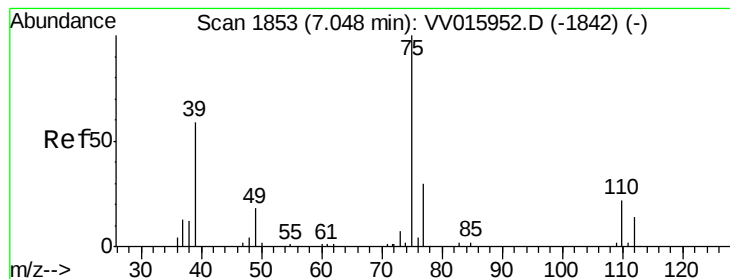
Tot Ion: 83 Resp: 13502
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 1.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.720 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015956.D
Acq: 08 May 2020 11:39

Tgt Ion: 63 Resp: 6537
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



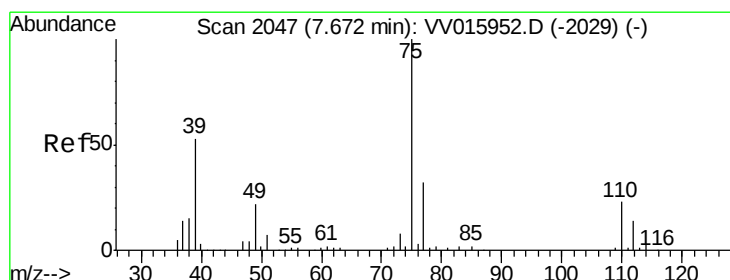
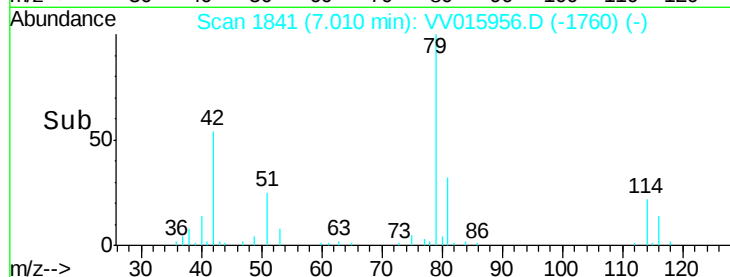
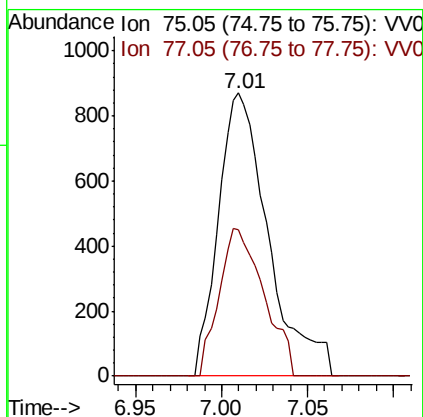
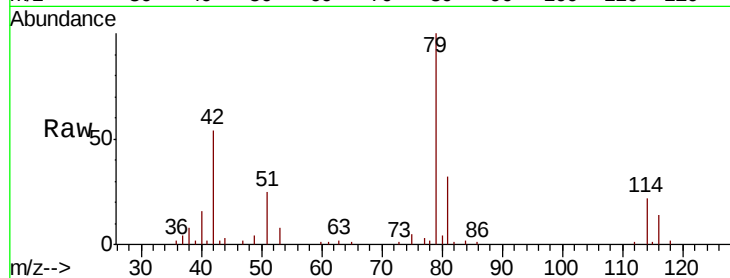


#39

cis-1,3-Dichloropropene
Concen: 0.138 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015956.D
Acq: 08 May 2020 11:39

Instrument :
MSVOA_V
ClientSampleId :

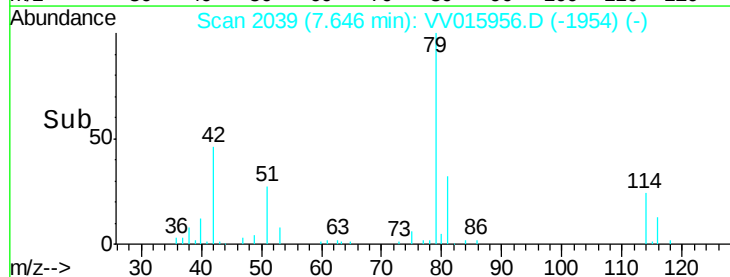
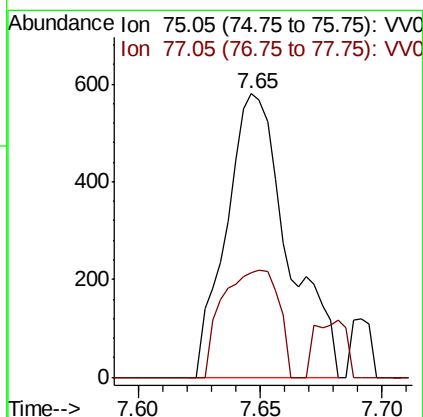
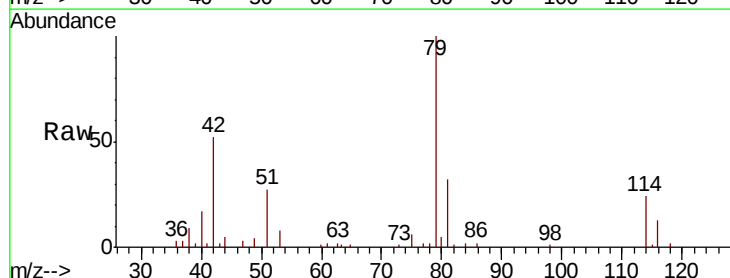
Tot Ion: 75 Resp: 1770
Ion Ratio Lower Upper
75 100
77 52.0 21.3 39.5#

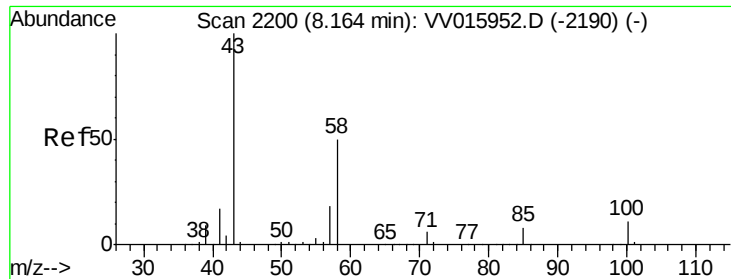


#46

trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015956.D
Acq: 08 May 2020 11:39

Tgt Ion: 75 Resp: 1016
Ion Ratio Lower Upper
75 100
77 36.7 21.3 39.6





#50
 2-Hexanone
 Concen: 1.228 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV015956.D
 Acq: 08 May 2020 11:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 4912
 Ion Ratio Lower Upper
 43 100
 58 30.4 40.8 61.2#
 57 3.7 14.7 22.1#
 100 9.0 9.0 13.6#

