

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015955.D
 Acq On : 08 May 2020 11:16
 Operator : SY/MD
 Sample : L2517-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 00:46:47 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	147172	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144622	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36145	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	35492	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.12	63	59534	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.95	46	112770	49.51	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	4.38	84	83480	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.06	65	50559	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.08	84	168805	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	53446	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.34	98	151356	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
45) trans-1,3-Dichloropropene-	7.64	79	18307	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	8.12	63	87731	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37082	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	57243	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

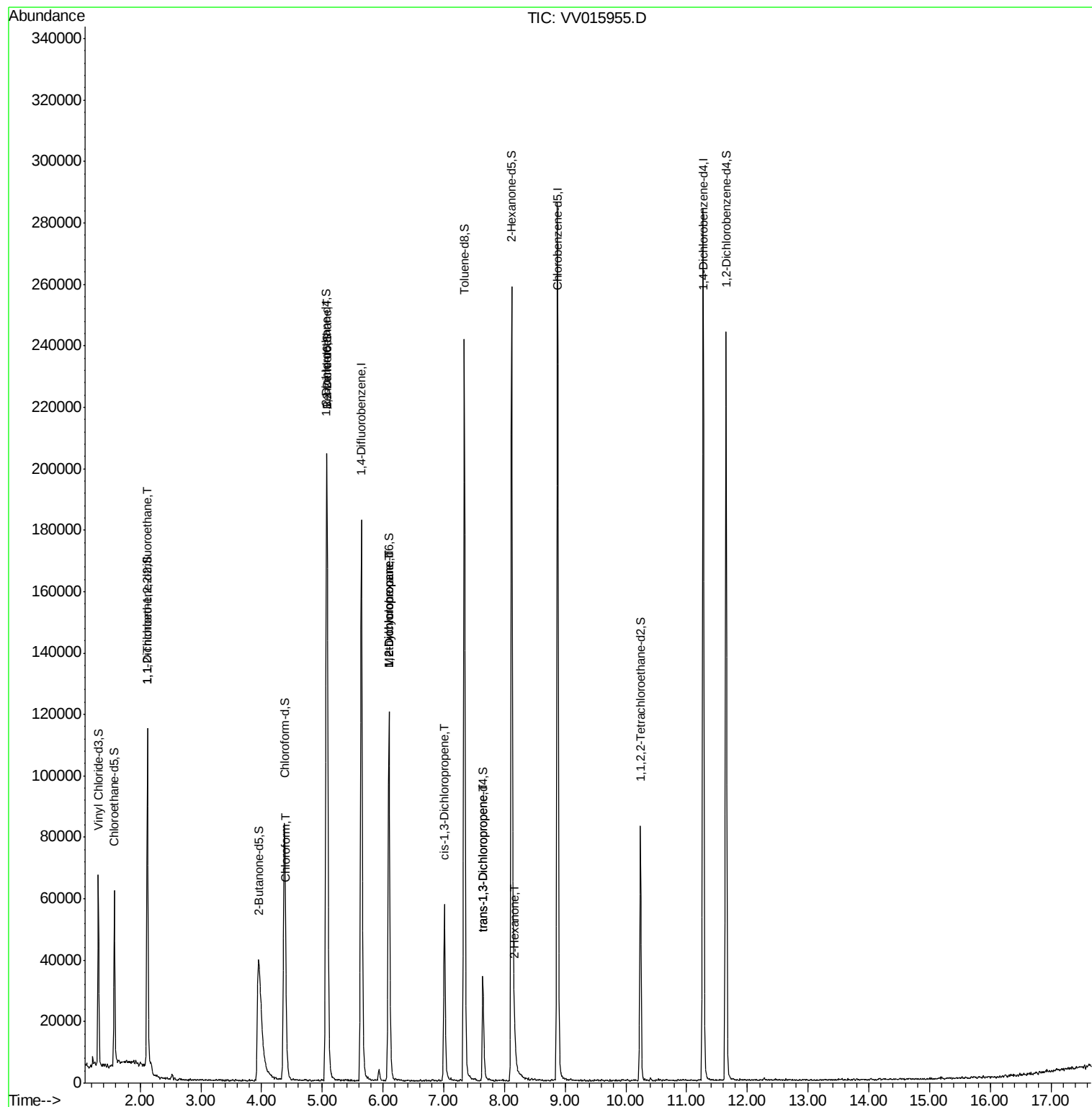
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	618	0.073 ug/L #	20
25) Chloroform	4.41	83	6933	0.365 ug/L	88
27) 1,2-Dichloroethane	5.08	62	1114	0.095 ug/L #	76
35) Methylcyclohexane	6.10	83	12961	0.825 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6689	0.724 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1655	0.127 ug/L #	77
46) trans-1,3-Dichloropropene	7.64	75	945	0.086 ug/L #	81
50) 2-Hexanone	8.17	43	4095	1.005 ug/L #	49

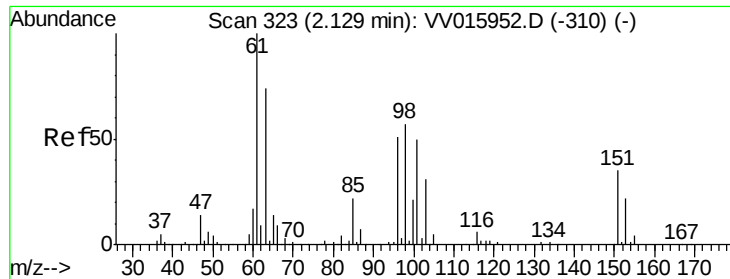
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.073 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015955.D

Acq: 08 May 2020 11:16

Instrument :

MSVOA_V

ClientSampleId :

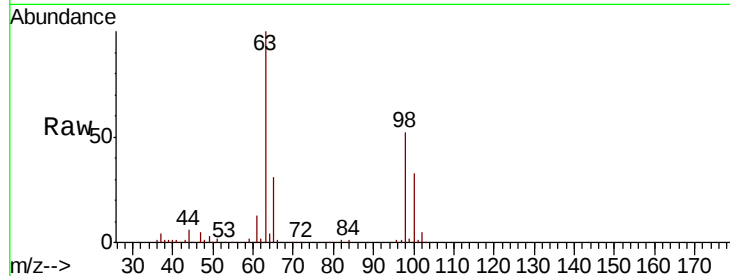
Tot Ion:101 Resp: 618

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 58.0 87.0#

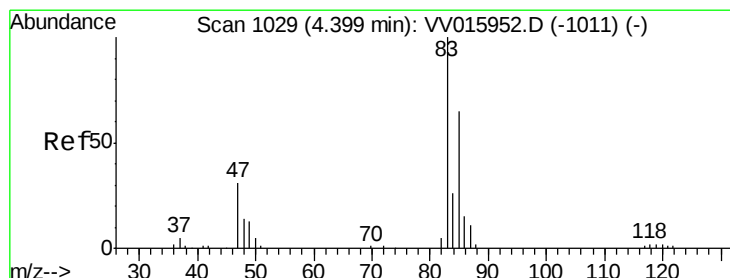
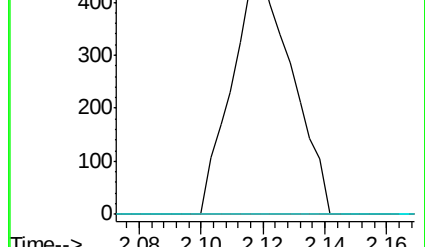
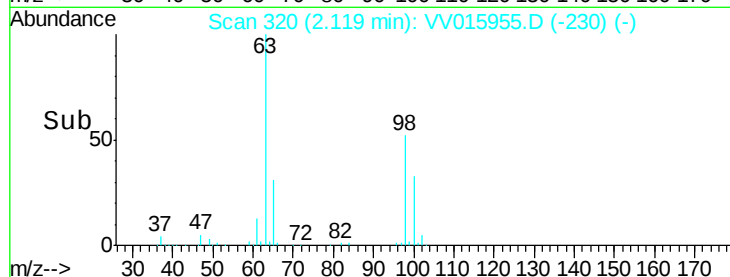


Abundance Ion 101.00 (100.70 to 101.70): VV015952.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV015952.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV015952.D (-310) (-)

Time-->



#25

Chloroform

Concen: 0.365 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015955.D

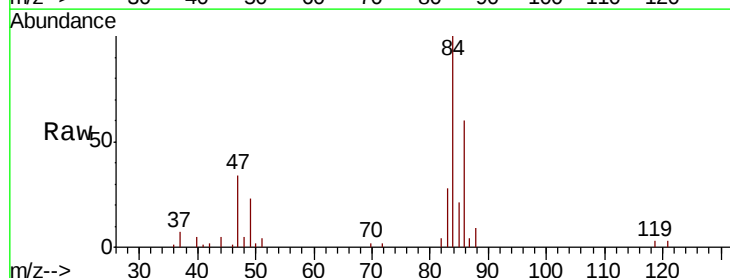
Acq: 08 May 2020 11:16

Tgt Ion: 83 Resp: 6933

Ion Ratio Lower Upper

83 100

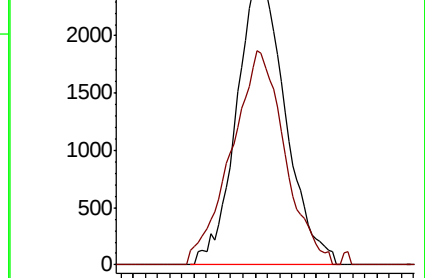
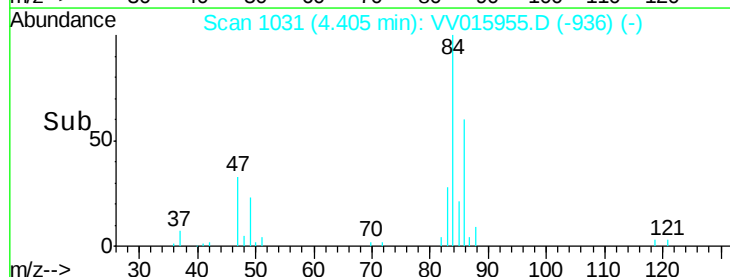
85 75.0 45.7 84.9

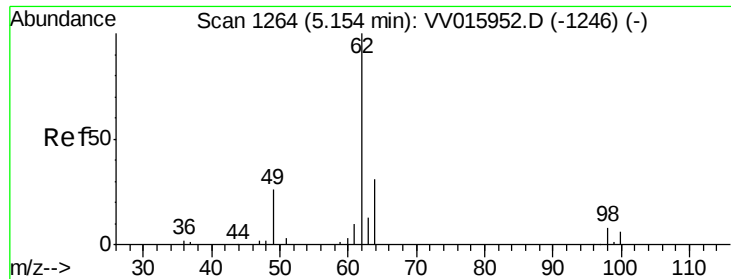


Abundance Ion 83.05 (82.75 to 83.75): VV015952.D (-1011) (-)

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

Time-->

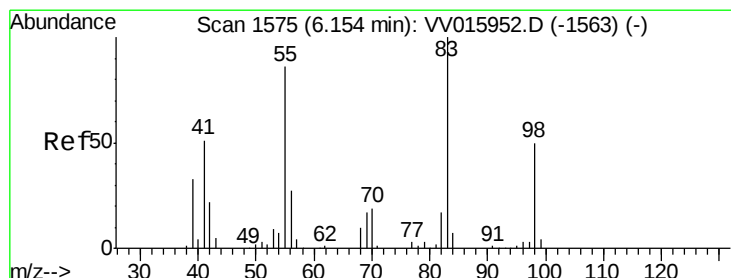
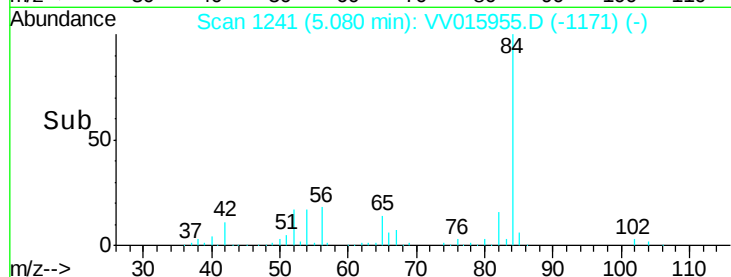
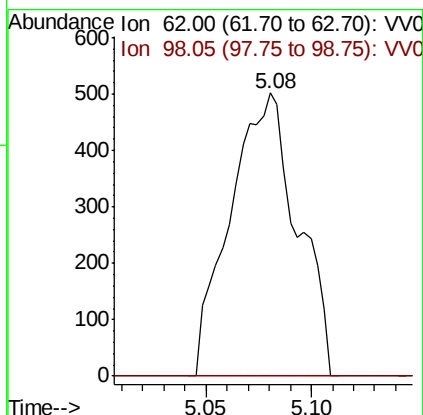
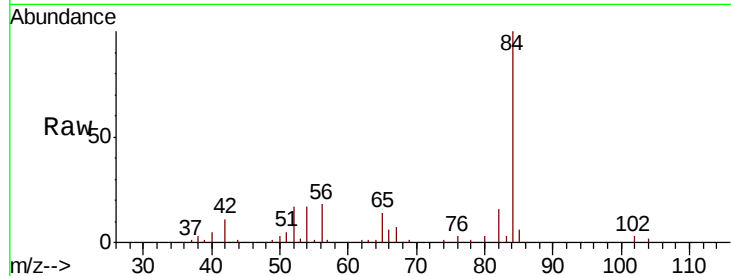




#27
 1,2-Dichloroethane
 Concen: 0.095 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV015955.D
 Acq: 08 May 2020 11:16

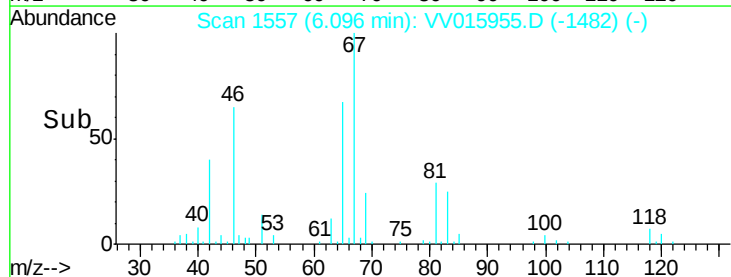
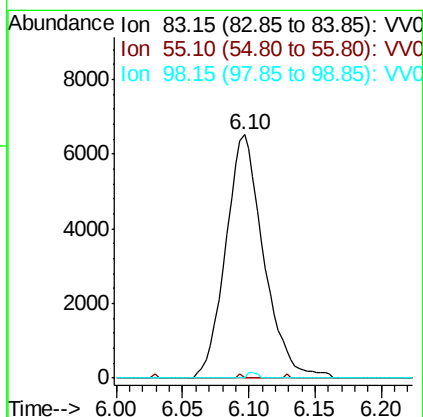
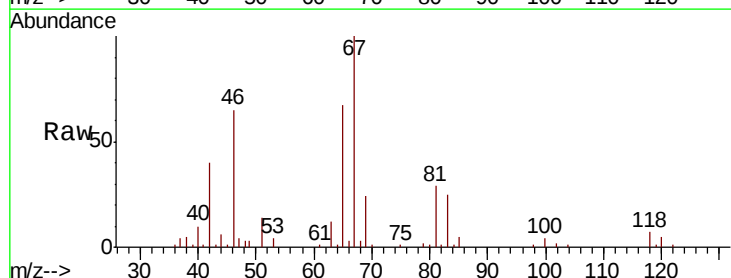
Instrument :
 MSVOA_V
 ClientSampleId :

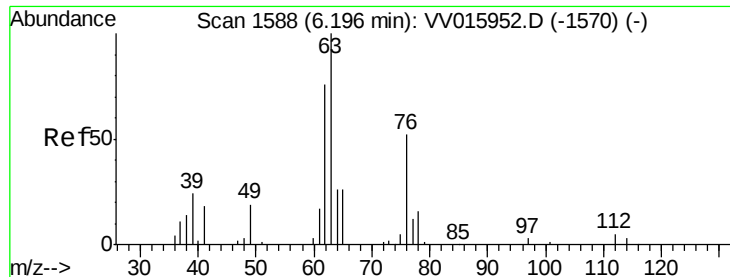
Tot Ion: 62 Resp: 1114
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.825 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015955.D
 Acq: 08 May 2020 11:16

Tgt Ion: 83 Resp: 12961
 Ion Ratio Lower Upper
 83 100
 55 0.2 66.2 99.2#
 98 0.7 37.9 56.9#

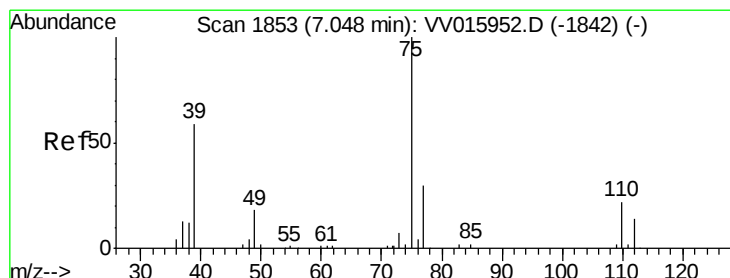
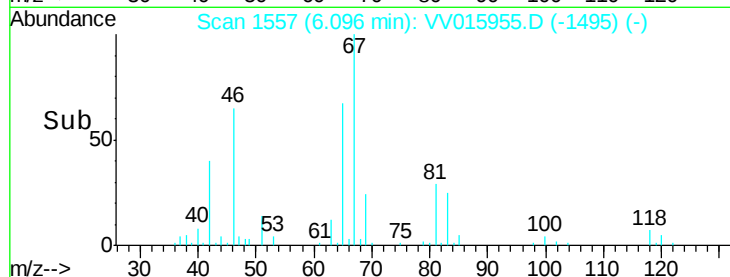
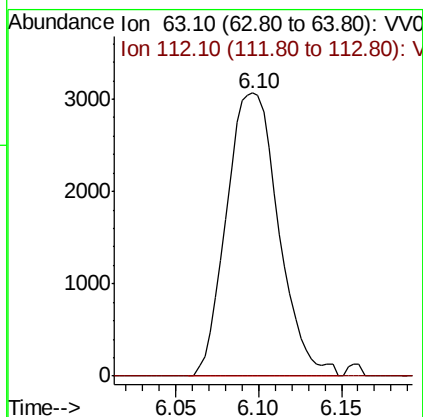
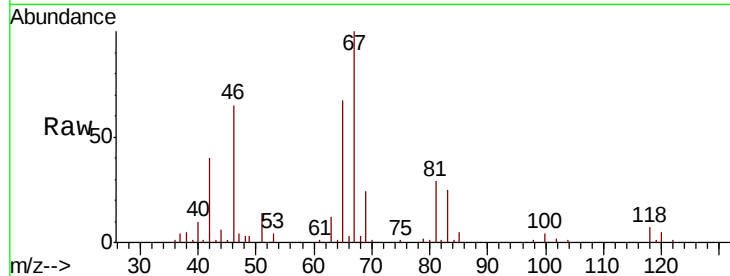




#37
 1,2-Dichloropropane
 Concen: 0.724 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015955.D
 Acq: 08 May 2020 11:16

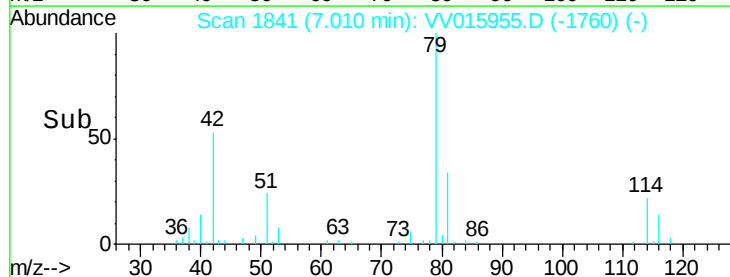
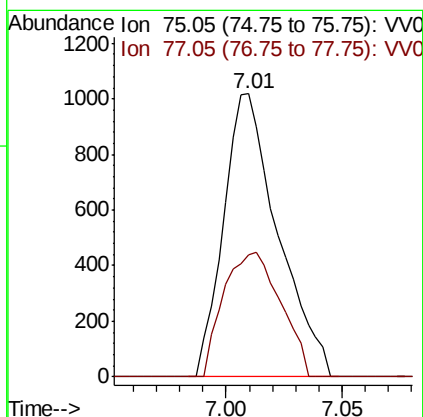
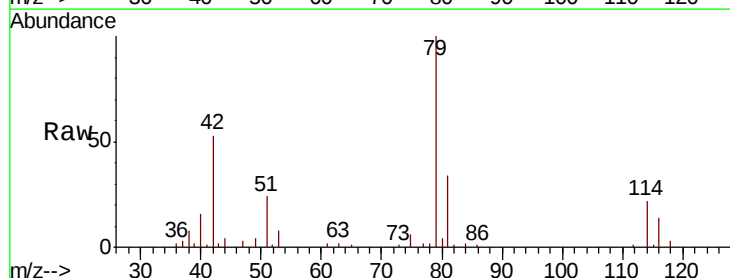
Instrument :
 MSVOA_V
 ClientSampleId :

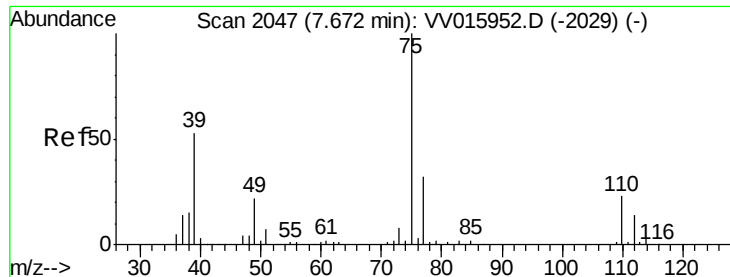
Tot Ion: 63 Resp: 6689
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015955.D
 Acq: 08 May 2020 11:16

Tgt Ion: 75 Resp: 1655
 Ion Ratio Lower Upper
 75 100
 77 43.0 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015955.D

Acq: 08 May 2020 11:16

Instrument :

MSVOA_V

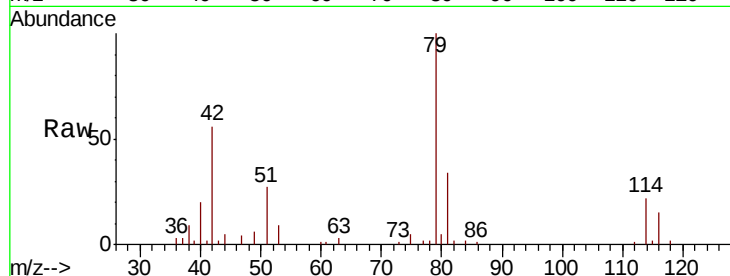
ClientSampleId :

Tot Ion: 75 Resp: 945

Ion Ratio Lower Upper

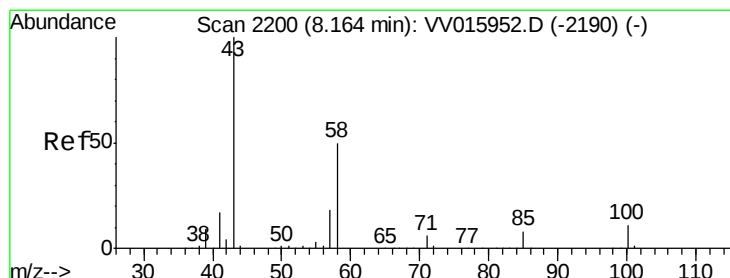
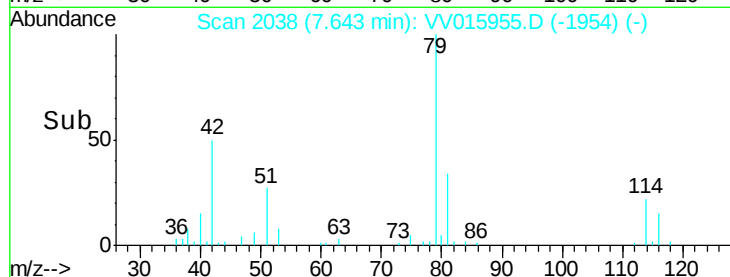
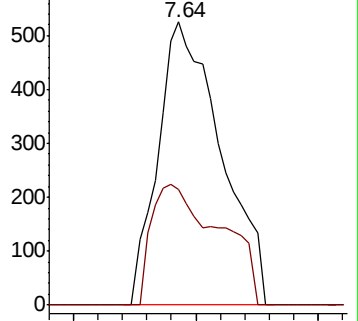
75 100

77 41.0 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 1.005 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV015955.D

Acq: 08 May 2020 11:16

Tgt Ion: 43 Resp: 4095

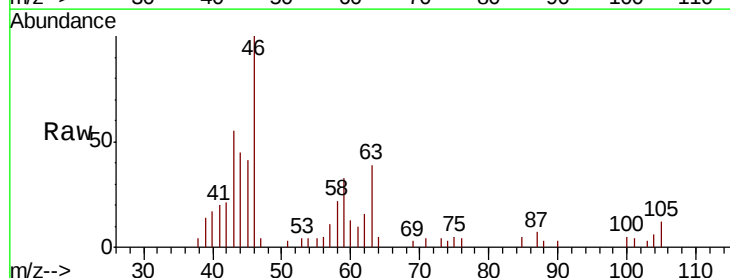
Ion Ratio Lower Upper

43 100

58 0.0 40.8 61.2#

57 16.5 14.7 22.1

100 0.6 9.0 13.6#



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

