

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015758.D
 Acq On : 28 Apr 2020 19:58
 Operator : SY/MD
 Sample : L2421-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 00:46:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 00:40:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127215	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23633	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.58	69	26821	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.12	63	42088	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.92	46	111610	52.28	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.56%
24) Chloroform-d	4.38	84	65442	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.06	65	44486	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.08	84	135820	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.10	67	45778	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.34	98	119096	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.65	79	12922	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	8.11	63	77400	42.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33303	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	48428	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

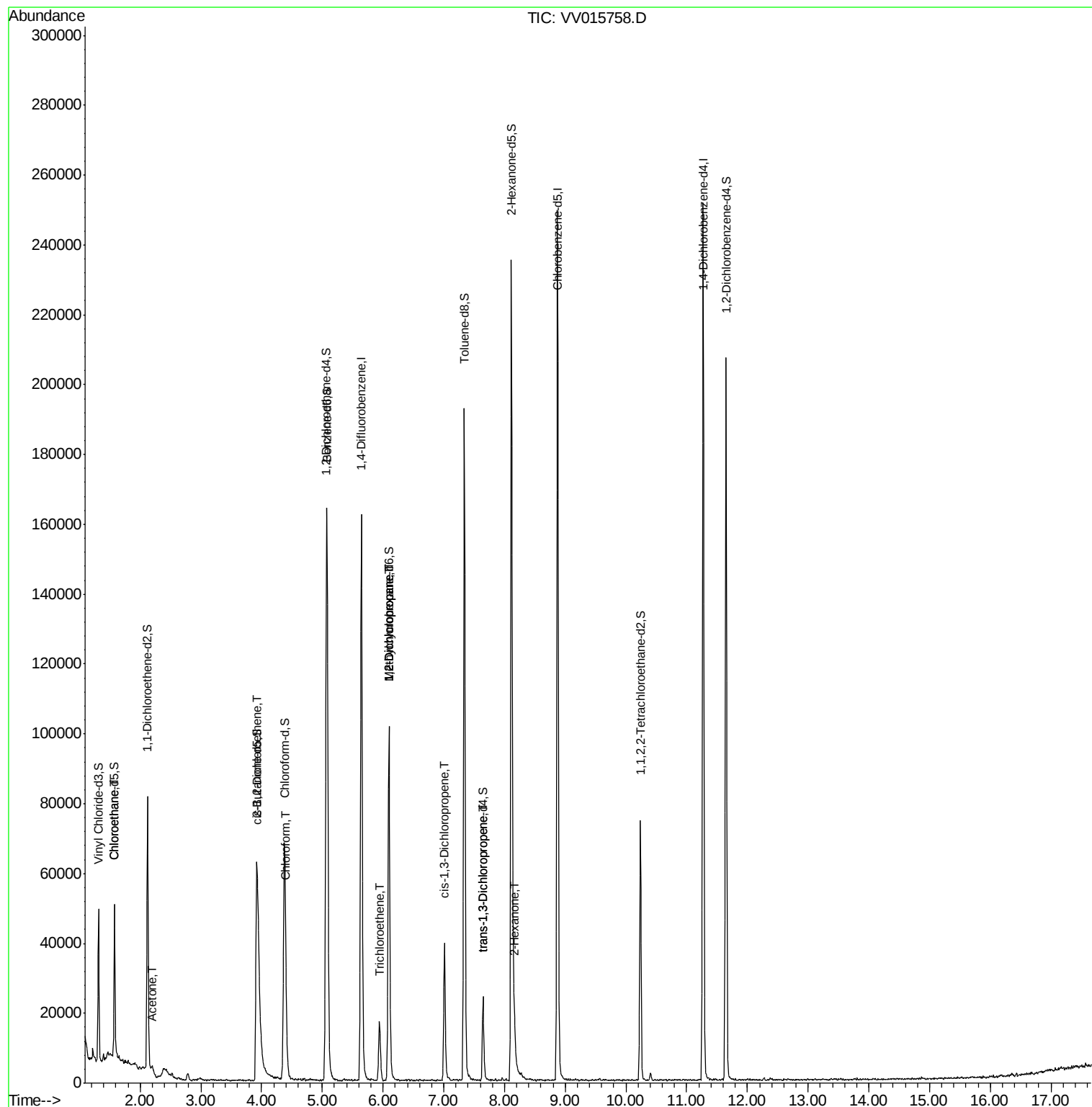
					Ovalue
8) Chloroethane	1.57	64	613	0.093 ug/L #	43
13) Acetone	2.20	43	3840	2.591 ug/L	87
22) cis-1,2-Dichloroethene	3.94	96	2339	0.255 ug/L	91
25) Chloroform	4.41	83	9380	0.543 ug/L	98
34) Trichloroethene	5.94	95	5823	0.587 ug/L	95
35) Methylcyclohexane	6.10	83	10948	0.719 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5750	0.630 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1168	0.092 ug/L #	82
44) trans-1,3-Dichloropropene	7.64	75	822	0.077 ug/L	92
48) 2-Hexanone	8.17	43	5866	1.389 ug/L #	94

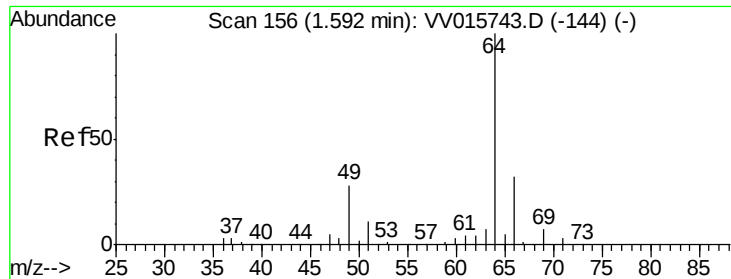
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 29 00:40:59 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.093 ug/L

RT: 1.57 min Scan# 150

Delta R.T. -0.02 min

Lab File: VV015758.D

Acq: 28 Apr 2020 19:58

Instrument :

MSVOA_V

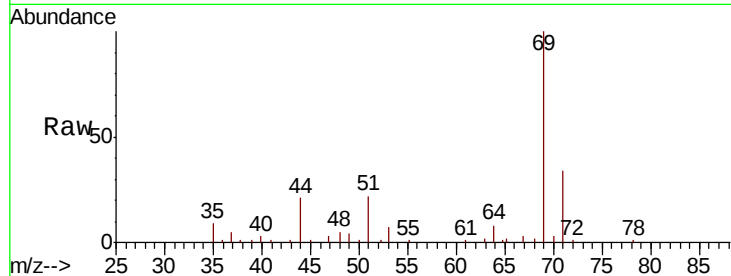
ClientSampleId :

Tot Ion: 64 Resp: 613

Ion Ratio Lower Upper

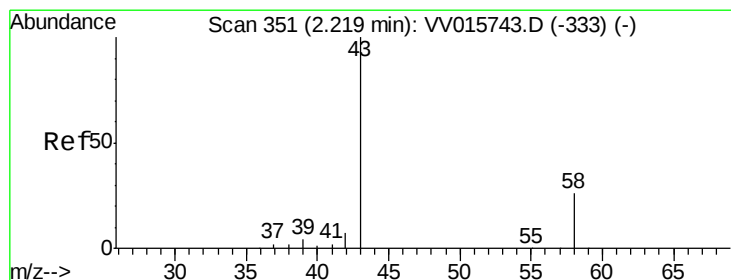
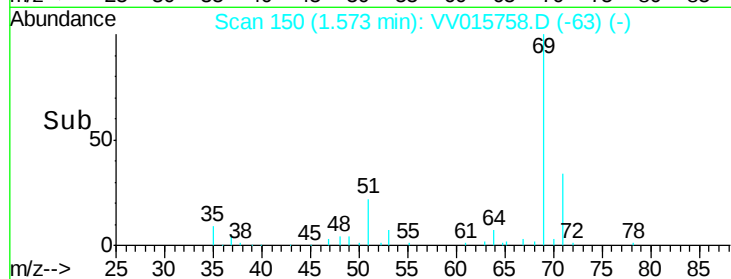
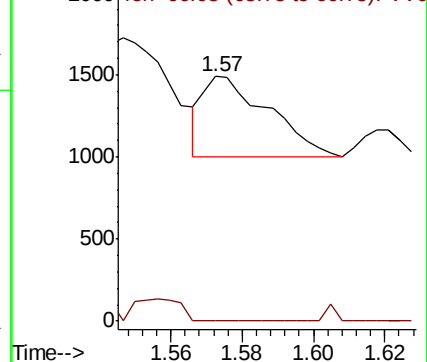
64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 2.591 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV015758.D

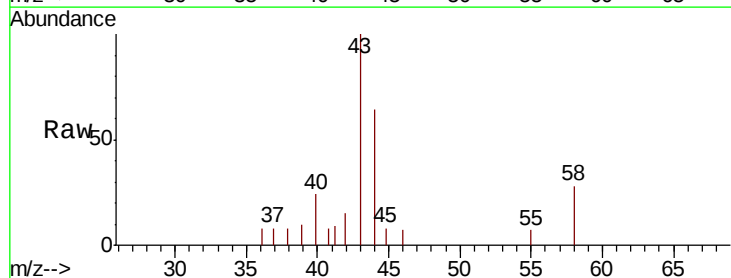
Acq: 28 Apr 2020 19:58

Tgt Ion: 43 Resp: 3840

Ion Ratio Lower Upper

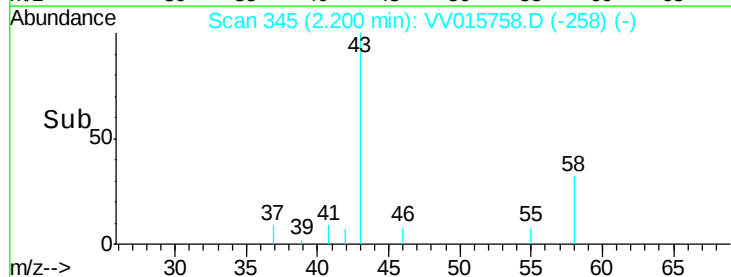
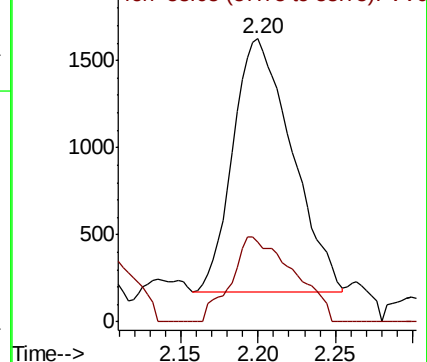
43 100

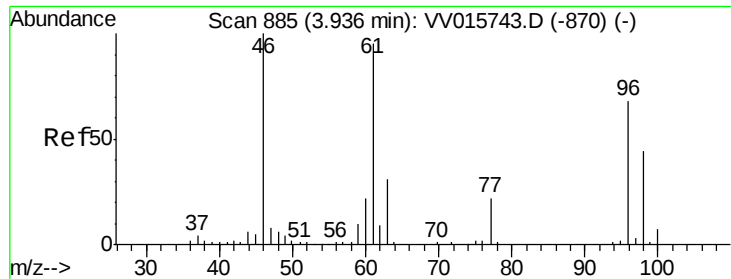
58 35.5 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



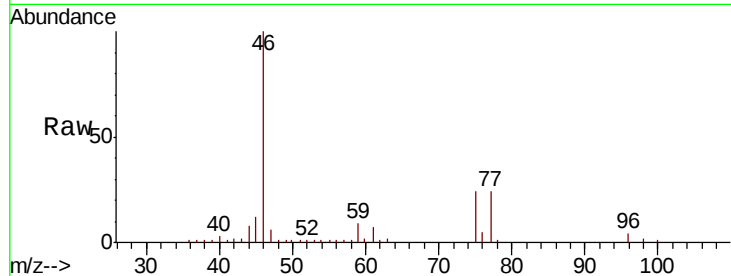


#22

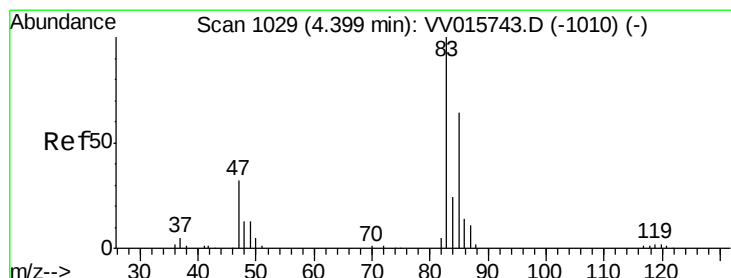
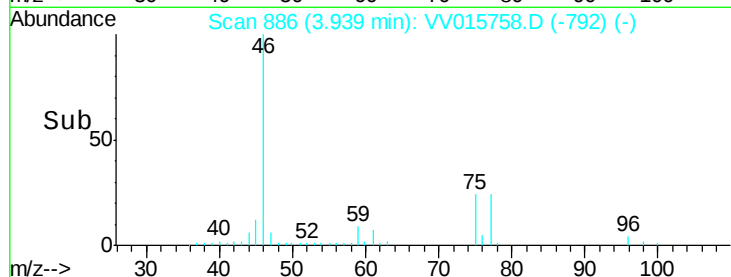
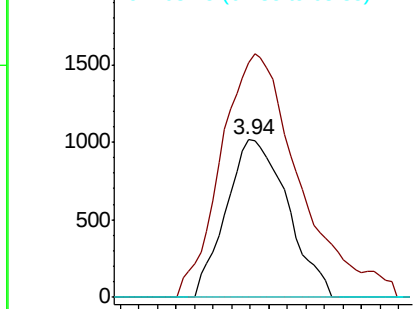
cis-1,2-Dichloroethene
Concen: 0.255 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015758.D
Acq: 28 Apr 2020 19:58

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 2339
Ion Ratio Lower Upper
96 100
61 149.1 96.4 179.0
68 0.0 0.0 0.0



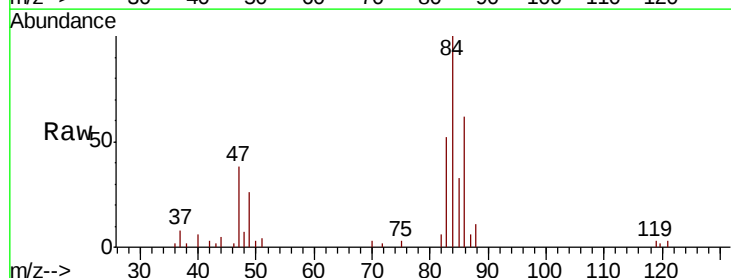
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



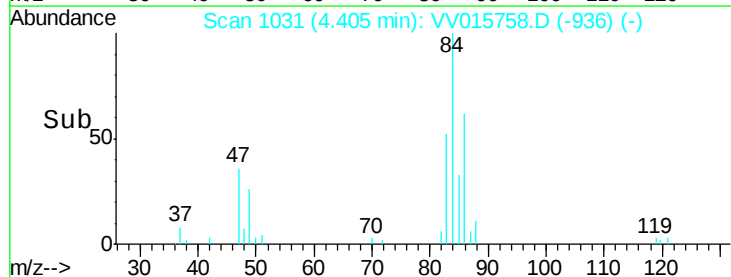
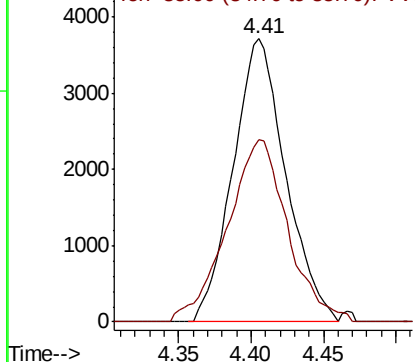
#25

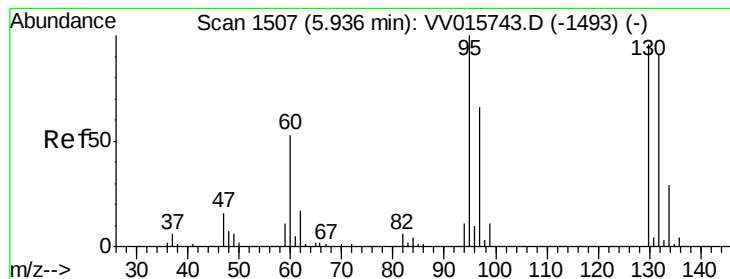
Chloroform
Concen: 0.543 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015758.D
Acq: 28 Apr 2020 19:58

Tgt Ion: 83 Resp: 9380
Ion Ratio Lower Upper
83 100
85 64.4 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.587 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015758.D

Acq: 28 Apr 2020 19:58

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 5823

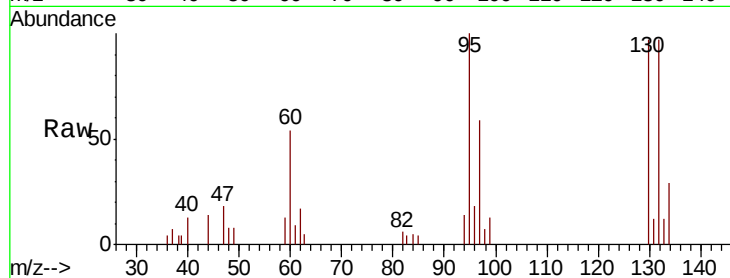
Ion Ratio Lower Upper

95 100

97 58.8 44.7 82.9

132 97.1 65.2 121.0

130 96.8 65.0 120.6



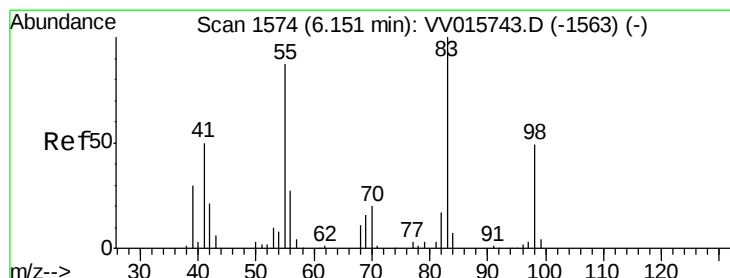
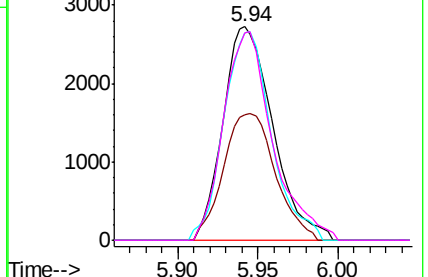
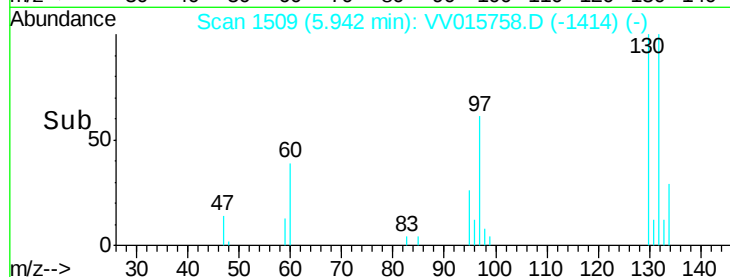
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Time-->



#35

Methylcyclohexane

Concen: 0.719 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015758.D

Acq: 28 Apr 2020 19:58

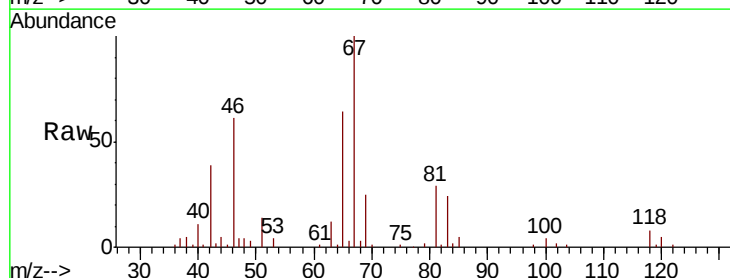
Tgt Ion: 83 Resp: 10948

Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

98 1.0 39.5 59.3#

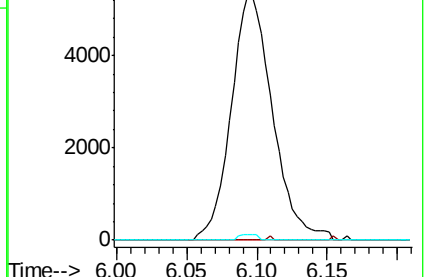
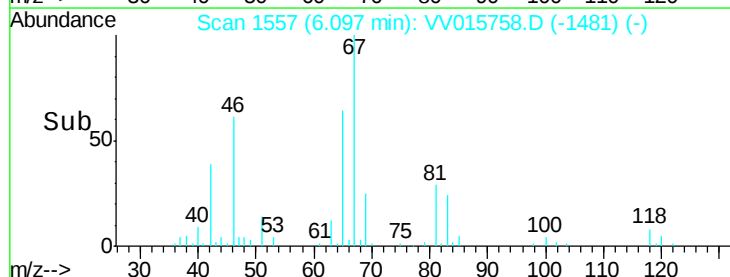


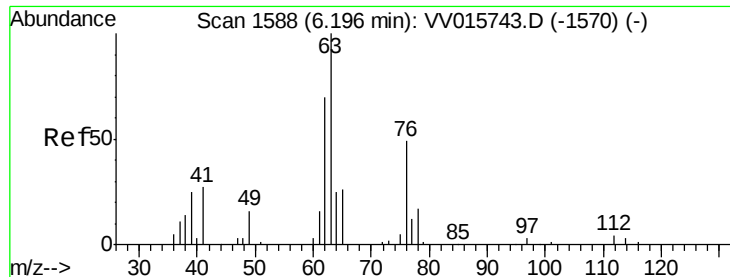
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

Time-->

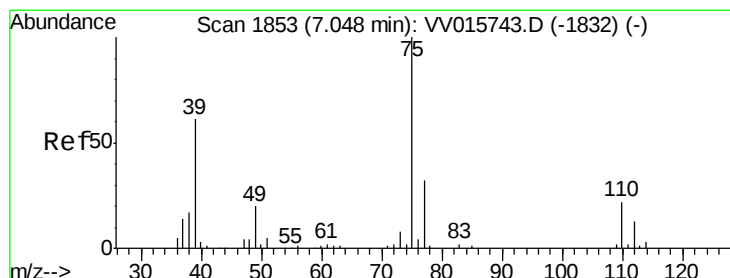
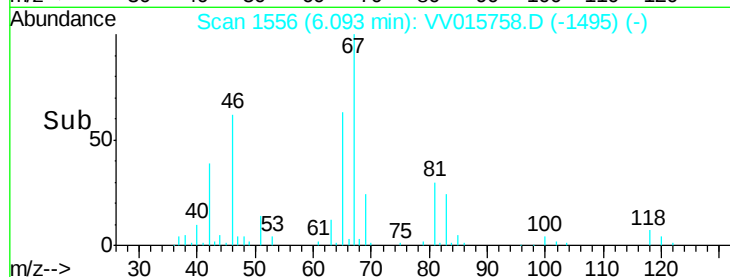
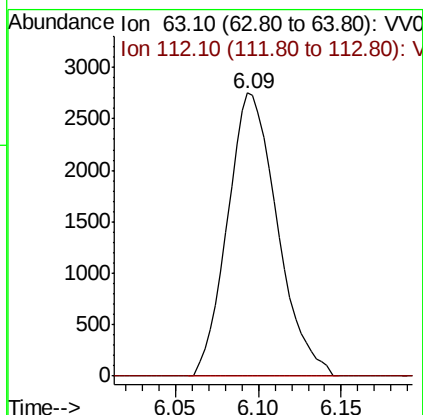
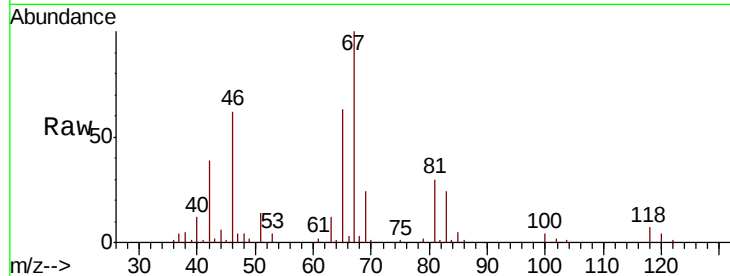




#37
 1,2-Dichloropropane
 Concen: 0.630 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015758.D
 Acq: 28 Apr 2020 19:58

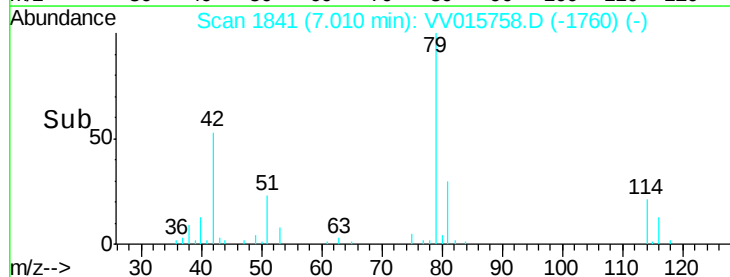
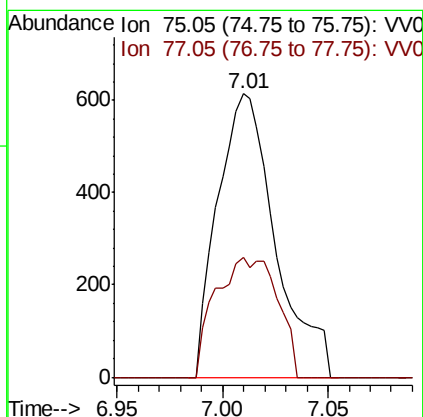
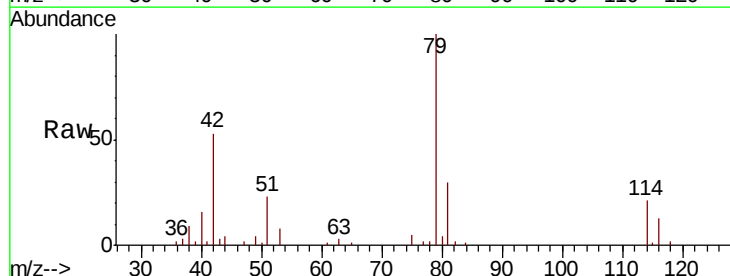
Instrument :
 MSVOA_V
 ClientSampleId :

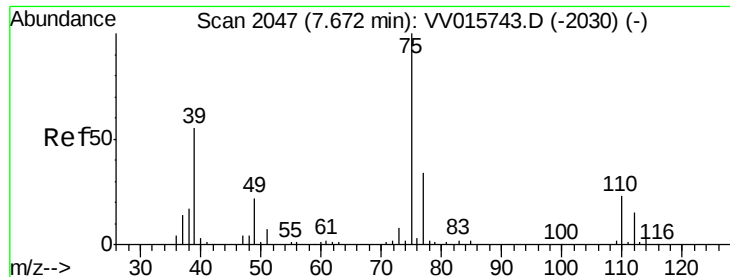
Tot Ion: 63 Resp: 5750
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015758.D
 Acq: 28 Apr 2020 19:58

Tgt Ion: 75 Resp: 1168
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015758.D

Acq: 28 Apr 2020 19:58

Instrument :

MSVOA_V

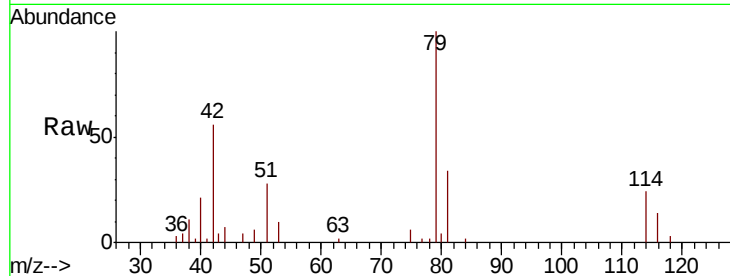
ClientSampled :

Tot Ion: 75 Resp: 822

Ion Ratio Lower Upper

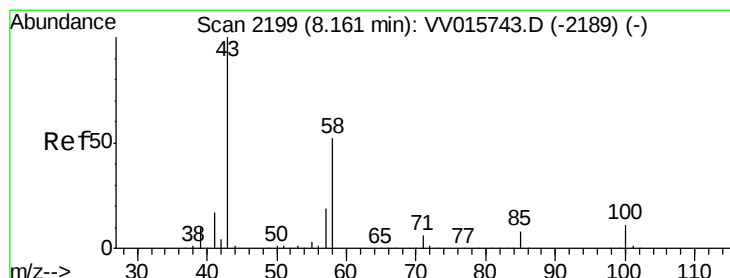
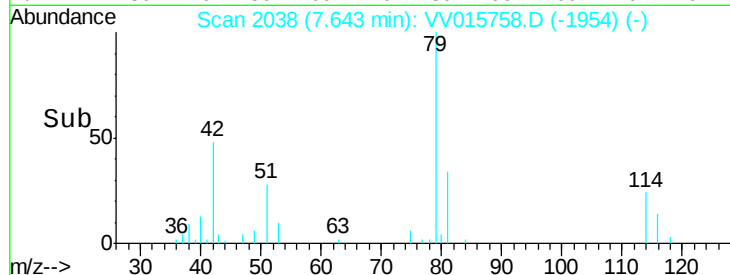
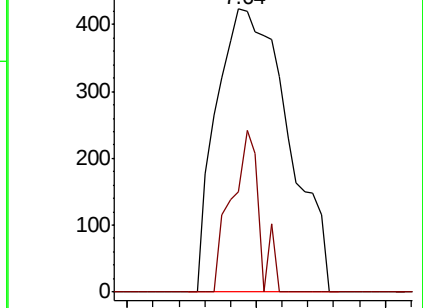
75 100

77 35.5 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: 1.389 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV015758.D

Acq: 28 Apr 2020 19:58

Tgt Ion: 43 Resp: 5866

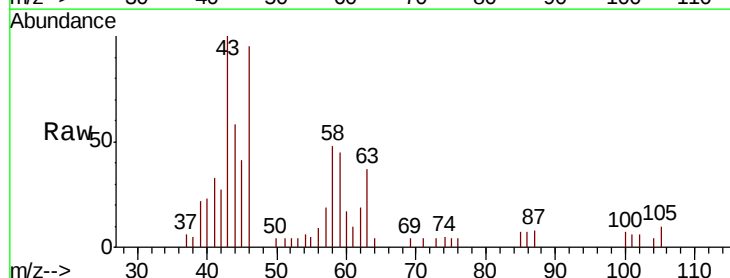
Ion Ratio Lower Upper

43 100

58 49.6 41.1 61.7

57 14.6 15.0 22.4#

100 5.6 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

