

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015759.D
 Acq On : 28 Apr 2020 20:22
 Operator : SY/MD
 Sample : L2421-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 00:46:32 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	123433	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24132	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.58	69	28039	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	42461	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.92	46	111792	53.97	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.94%
24) Chloroform-d	4.38	84	68417	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	44461	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.08	84	136823	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	45616	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	122707	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.65	79	13366	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.11	63	76636	43.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34368	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	47758	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

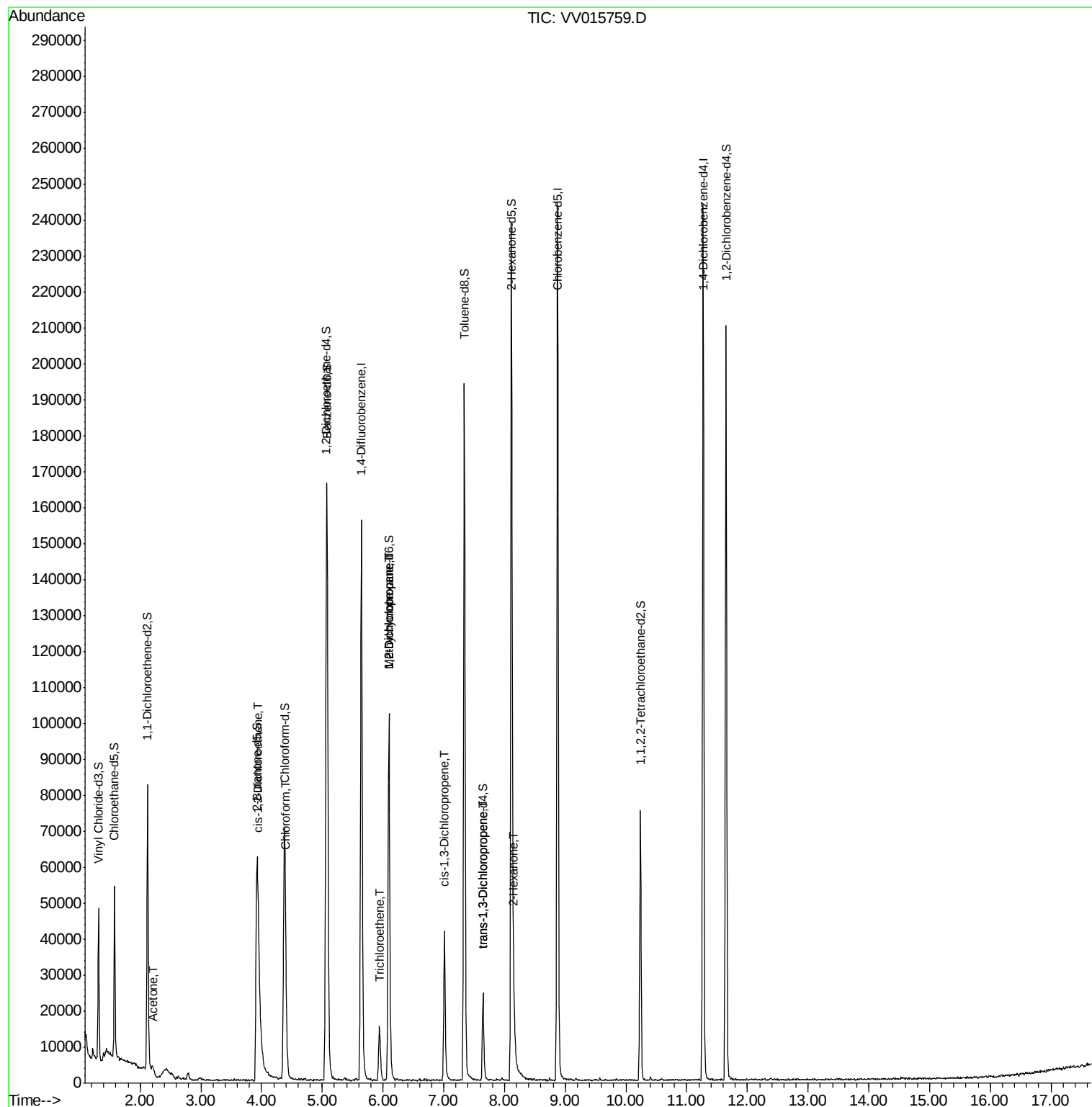
					Ovalue
13) Acetone	2.20	43	4480	3.115	ug/L 75
22) cis-1,2-Dichloroethene	3.95	96	2185	0.246	ug/L 97
25) Chloroform	4.40	83	8316	0.496	ug/L 95
34) Trichloroethene	5.95	95	4848	0.503	ug/L 95
35) Methylcyclohexane	6.09	83	11212	0.758	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	5485	0.618	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1270	0.103	ug/L # 62
44) trans-1,3-Dichloropropene	7.64	75	693	0.067	ug/L 92
48) 2-Hexanone	8.16	43	4441	1.081	ug/L # 49

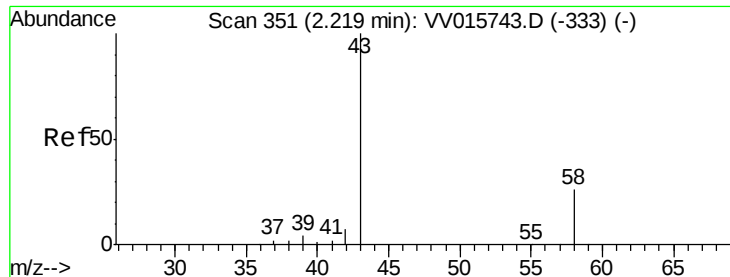
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.115 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV015759.D

Acq: 28 Apr 2020 20:22

Instrument :

MSVOA_V

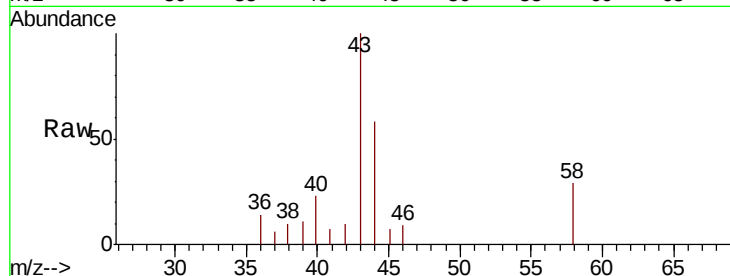
ClientSampled :

Tot Ion: 43 Resp: 4480

Ion Ratio Lower Upper

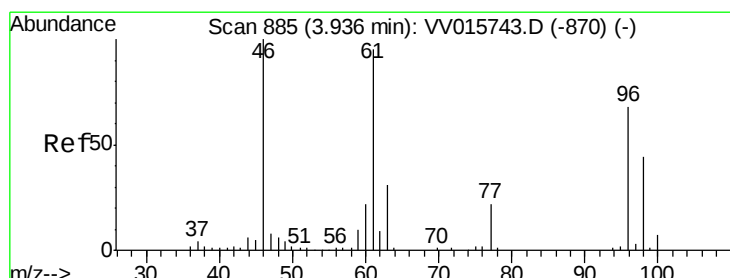
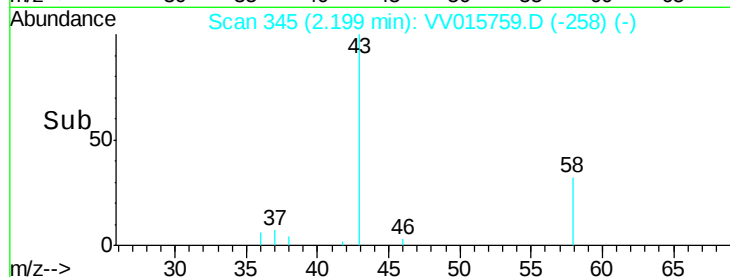
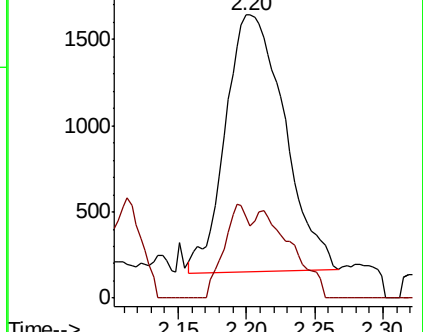
43 100

58 15.6 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015743.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV015743.D (-333) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.246 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015759.D

Acq: 28 Apr 2020 20:22

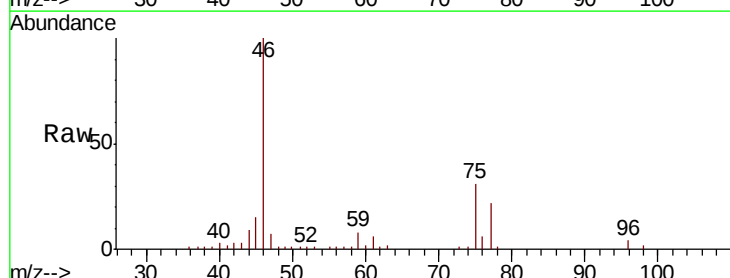
Tgt Ion: 96 Resp: 2185

Ion Ratio Lower Upper

96 100

61 141.3 96.4 179.0

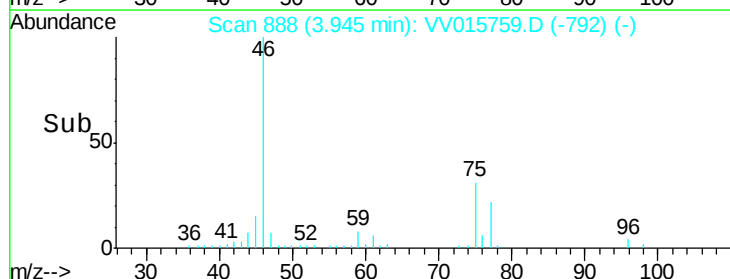
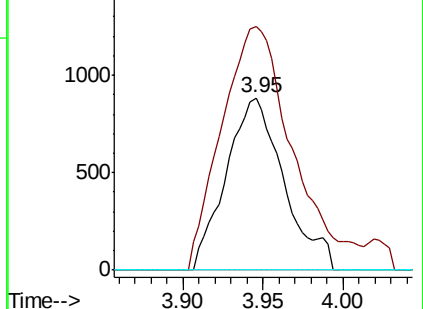
68 0.0 0.0 0.0

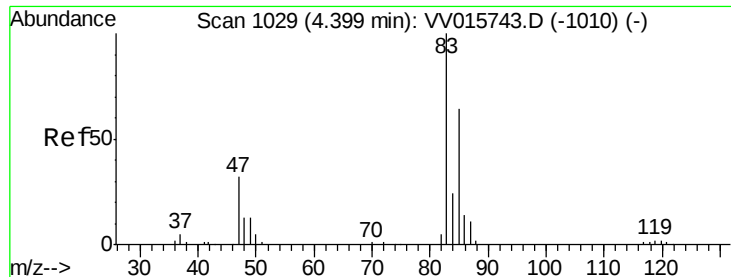


Abundance Ion 96.00 (95.70 to 96.70): VV015743.D (-870) (-)

Ion 61.05 (60.75 to 61.75): VV015743.D (-870) (-)

Ion 68.15 (67.85 to 68.85): VV015743.D (-870) (-)





#25

Chloroform

Concen: 0.496 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015759.D

Acq: 28 Apr 2020 20:22

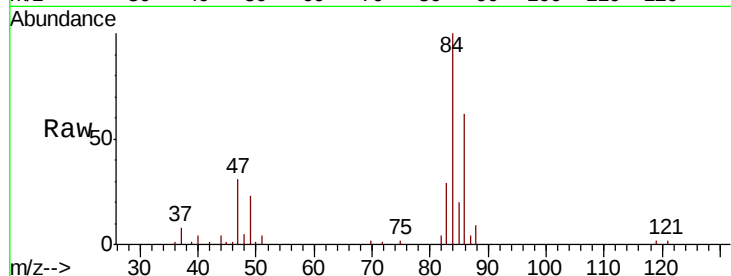
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 8316

Ion Ratio Lower Upper

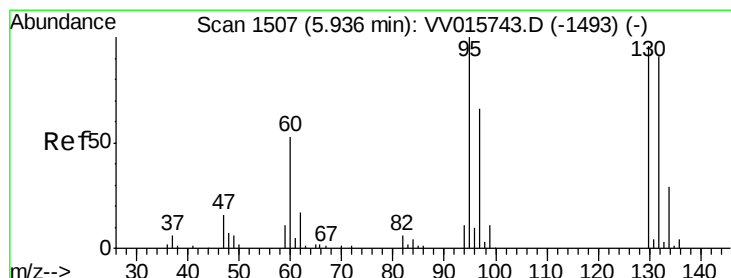
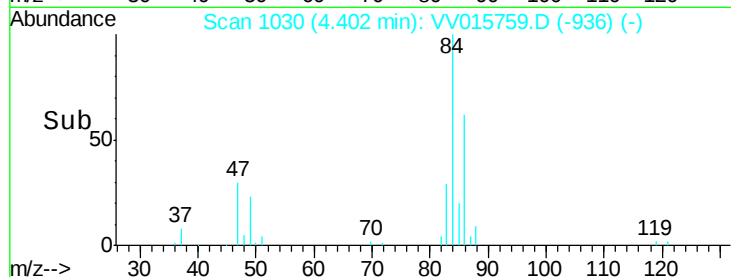
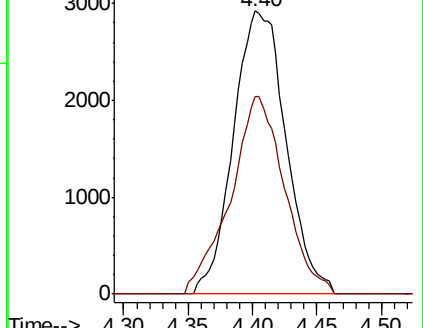
83 100

85 70.0 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015743.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV015743.D (-1010) (-)



#34

Trichloroethene

Concen: 0.503 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015759.D

Acq: 28 Apr 2020 20:22

Tgt Ion: 95 Resp: 4848

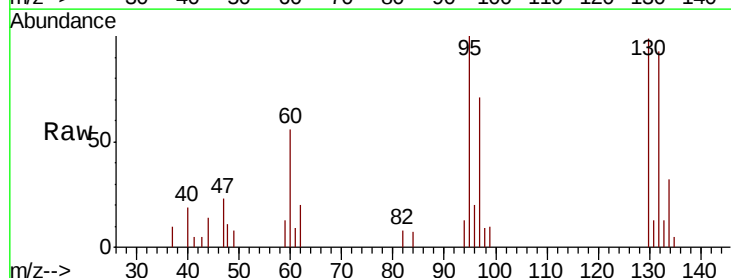
Ion Ratio Lower Upper

95 100

97 71.3 44.7 82.9

132 92.6 65.2 121.0

130 99.1 65.0 120.6

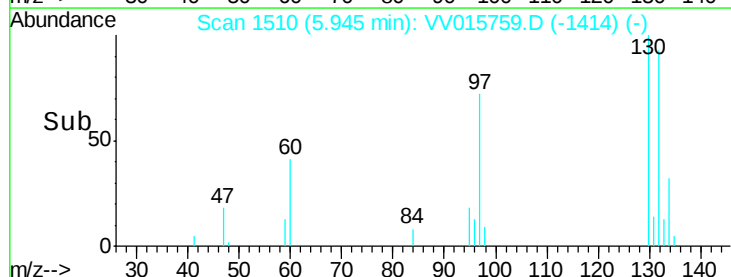
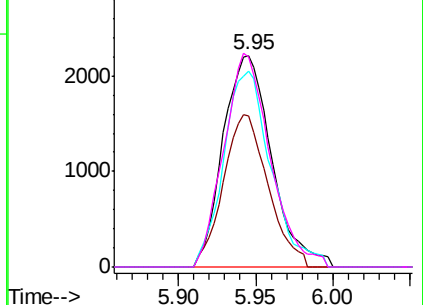


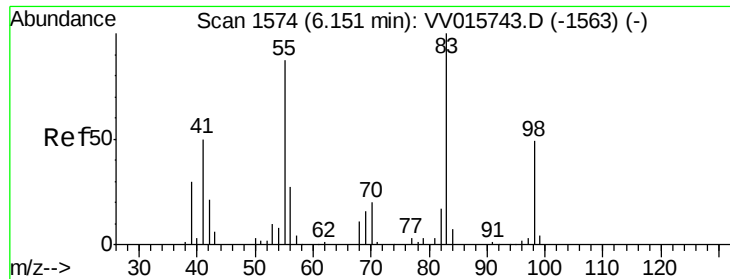
Abundance Ion 95.00 (94.70 to 95.70): VV015743.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV015743.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV015743.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV015743.D (-1493) (-)

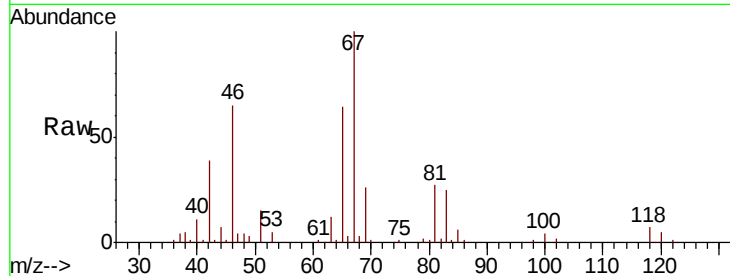




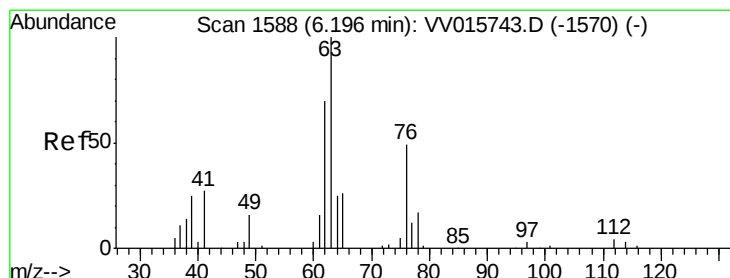
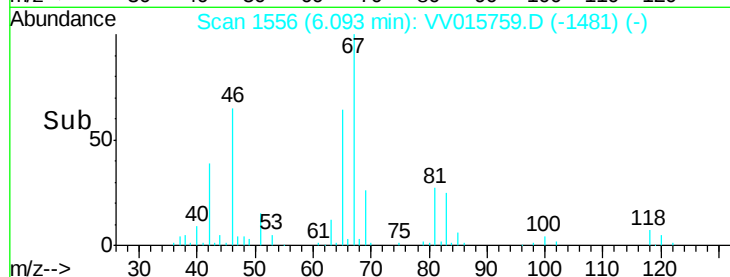
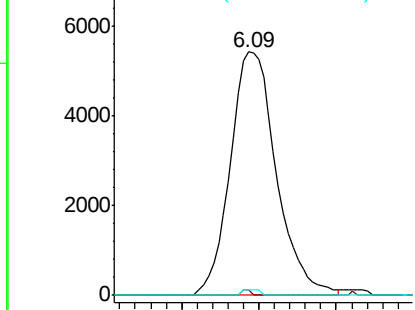
#35
Methvlcvclohexane
Concen: 0.758 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015759.D
Acq: 28 Apr 2020 20:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11212
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 0.8 39.5 59.3#

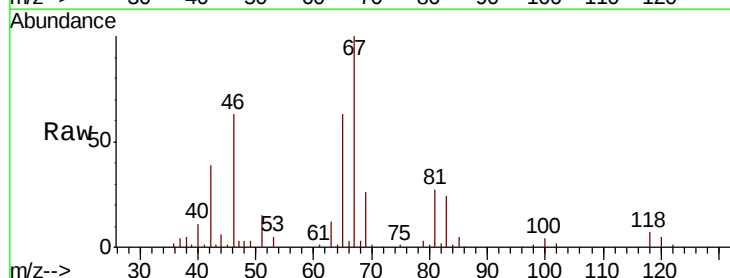


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

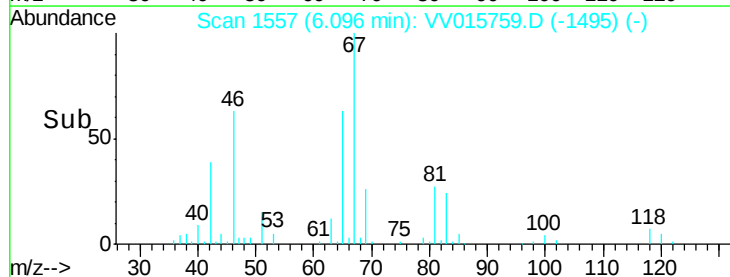
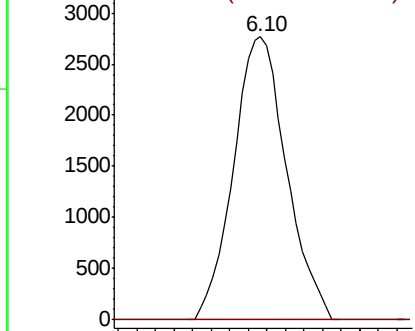


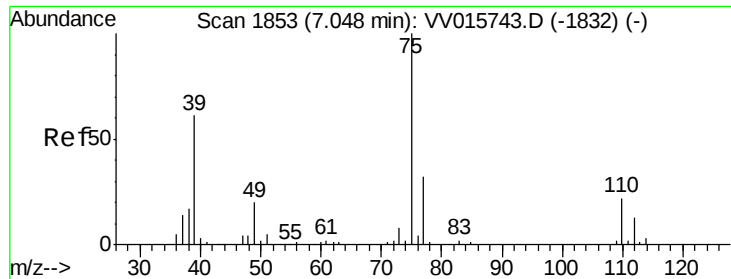
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015759.D
Acq: 28 Apr 2020 20:22

Tgt Ion: 63 Resp: 5485
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

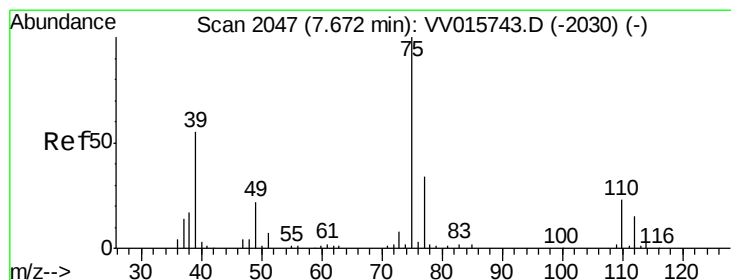
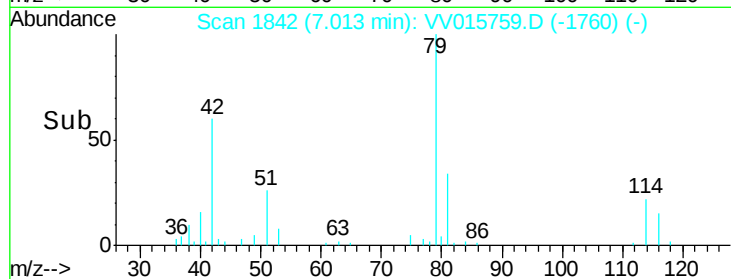
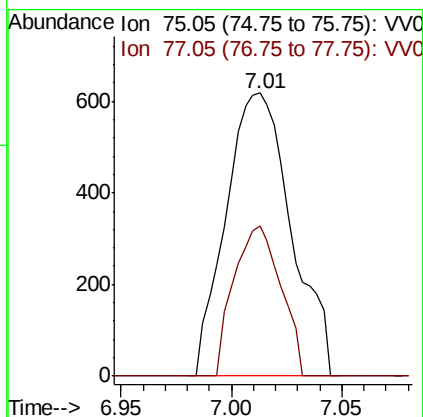
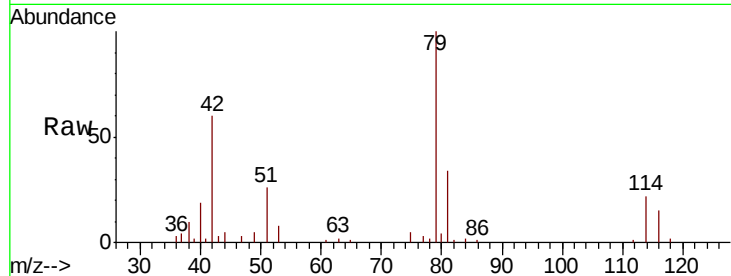




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015759.D
 Acq: 28 Apr 2020 20:22

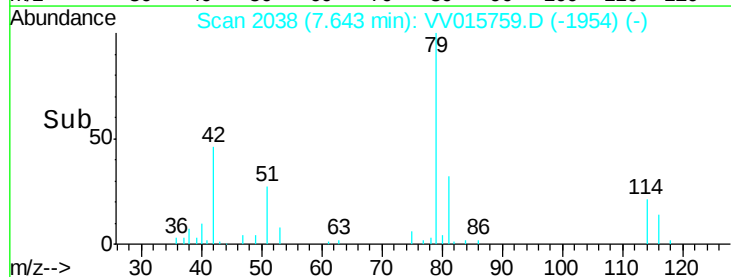
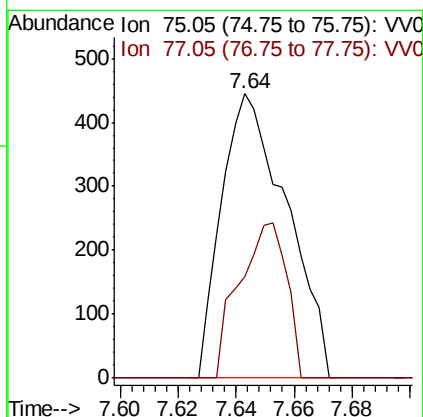
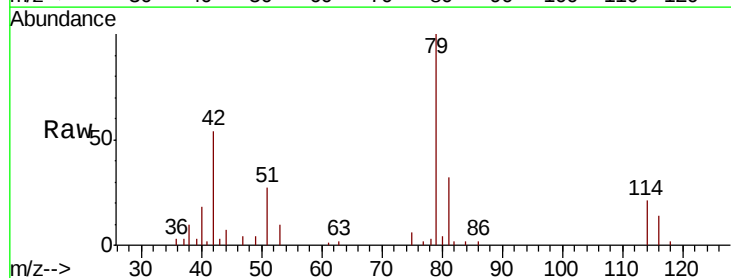
Instrument :
 MSVOA_V
 ClientSampleId :

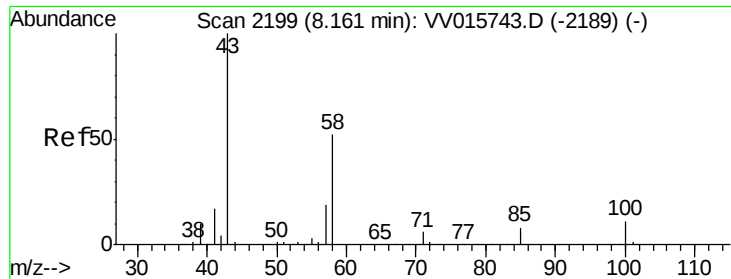
Tot Ion: 75 Resp: 1270
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.067 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015759.D
 Acq: 28 Apr 2020 20:22

Tgt Ion: 75 Resp: 693
 Ion Ratio Lower Upper
 75 100
 77 35.5 21.8 40.6

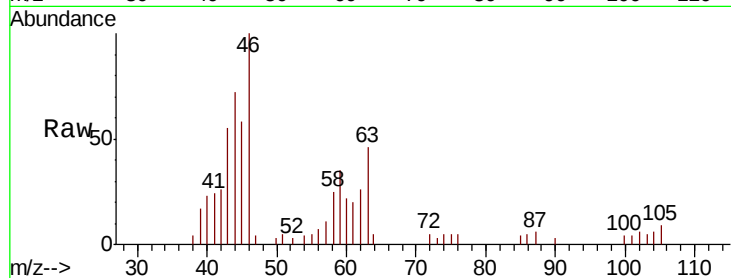




#48
 2-Hexanone
 Concen: 1.081 ug/L
 RT: 8.16 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VV015759.D
 Acq: 28 Apr 2020 20:22

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	4441
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	20.4	15.0	22.4
100	2.3	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

