

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015746.D
 Acq On : 28 Apr 2020 14:54
 Operator : SY/MD
 Sample : L2370-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 00:43:27 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	124508	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39792	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.57	69	34030	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.12	63	56139	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.96	46	90620	43.37	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.74%
24) Chloroform-d	4.38	84	71355	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	41403	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.07	84	138318	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.10	67	41537	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.34	98	123236	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.65	79	13633	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.12	63	64197	36.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27367	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	43144	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

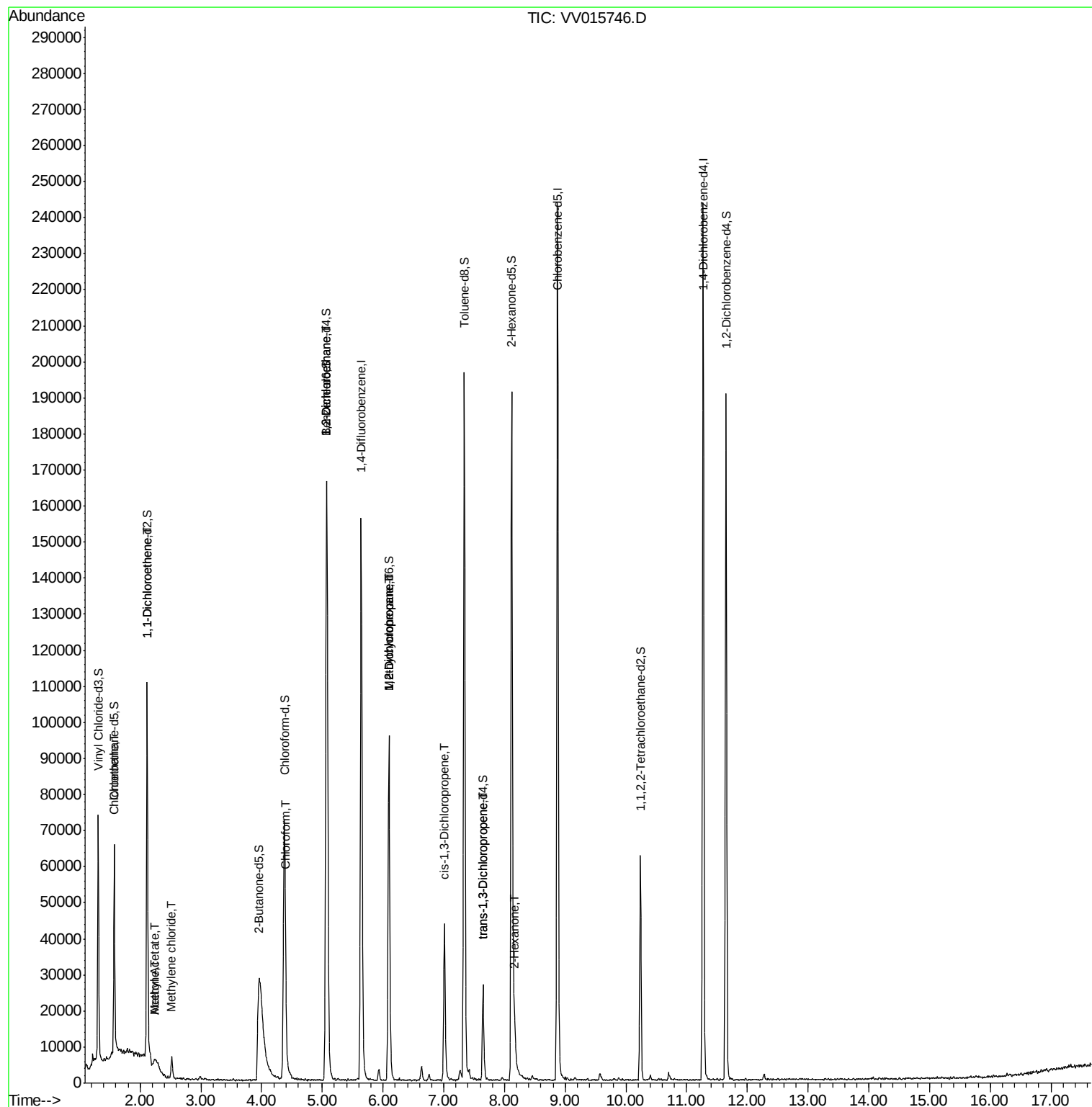
					Ovalue
8) Chloroethane	1.59	64	664	0.103 ug/L #	57
12) 1,1-Dichloroethene	2.12	96	533	0.074 ug/L #	1
13) Acetone	2.25	43	6632	4.571 ug/L	95
15) Methyl Acetate	2.25	43	6632	1.922 ug/L #	56
16) Methylene chloride	2.52	84	2383	0.266 ug/L	88
25) Chloroform	4.40	83	2070	0.122 ug/L	84
27) 1,2-Dichloroethane	5.07	62	1005	0.090 ug/L #	78
35) Methylcyclohexane	6.09	83	10583	0.722 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5519	0.628 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1355	0.111 ug/L	86
44) trans-1,3-Dichloropropene	7.65	75	741	0.072 ug/L #	75
48) 2-Hexanone	8.17	43	5628	1.384 ug/L #	93

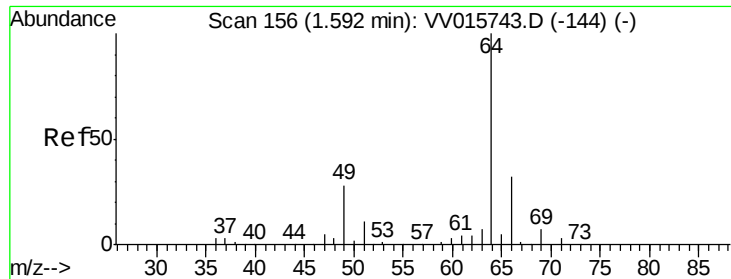
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#8

Chloroethane

Concen: 0.103 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.01 min

Lab File: VV015746.D

Acq: 28 Apr 2020 14:54

Instrument :

MSVOA_V

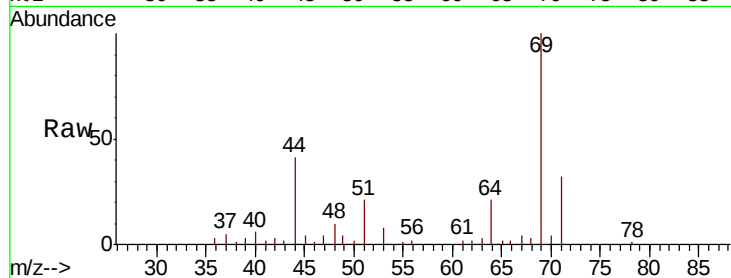
ClientSampleId :

Tot Ion: 64 Resp: 664

Ion Ratio Lower Upper

64 100

66 7.8 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.59

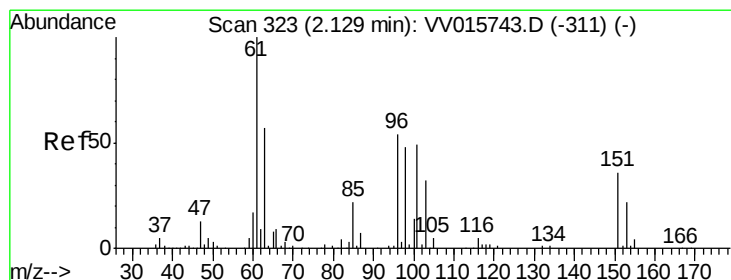
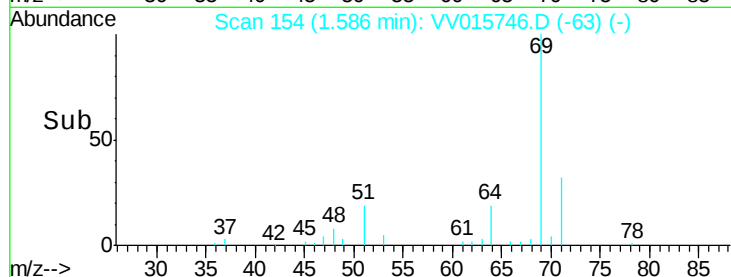
1500

1000

500

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015746.D

Acq: 28 Apr 2020 14:54

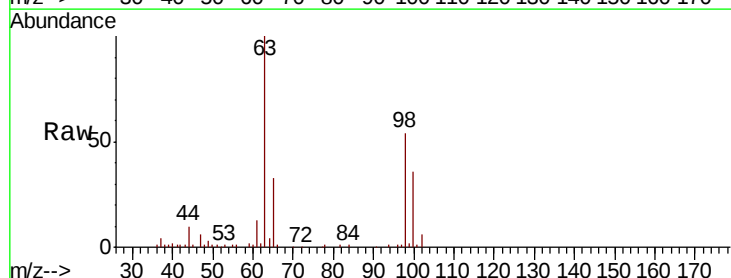
Tgt Ion: 96 Resp: 533

Ion Ratio Lower Upper

96 100

61 1141.3 130.1 241.7#

63 8612.3 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

50000

40000

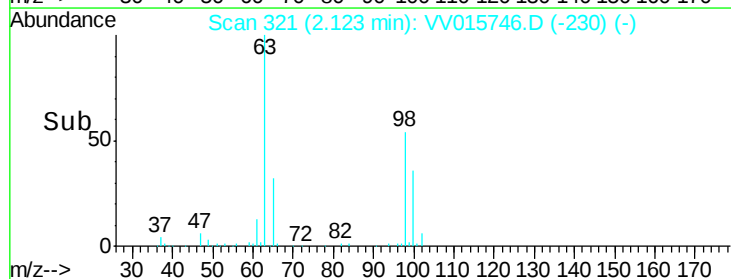
30000

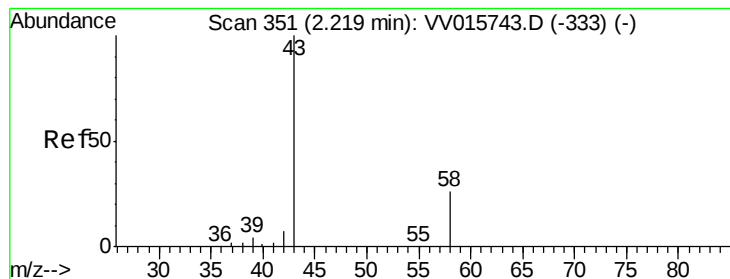
20000

10000

0

Time-->





#13

Acetone

Concen: 4.571 ug/L

RT: 2.25 min Scan# 361

Delta R.T. 0.03 min

Lab File: VV015746.D

Acq: 28 Apr 2020 14:54

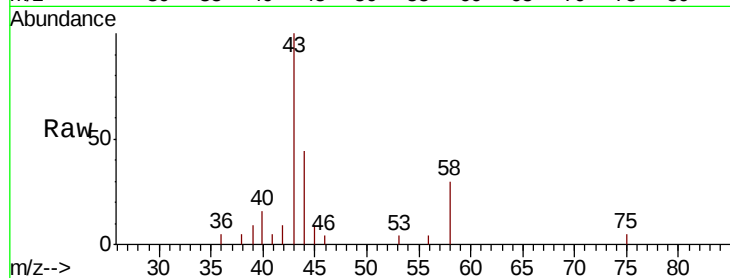
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6632

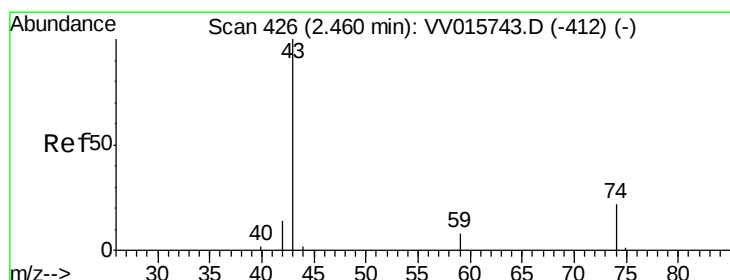
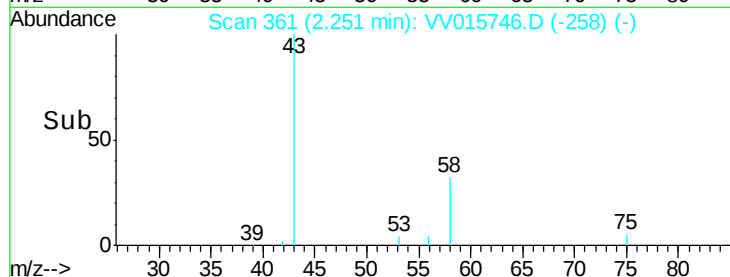
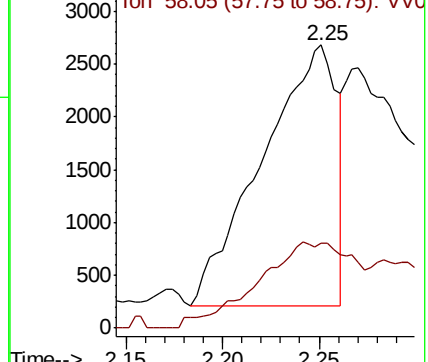
Ion Ratio Lower Upper

43 100

58 26.2 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015746.D (-258) (-)



#15

Methyl Acetate

Concen: 1.922 ug/L

RT: 2.25 min Scan# 361

Delta R.T. -0.21 min

Lab File: VV015746.D

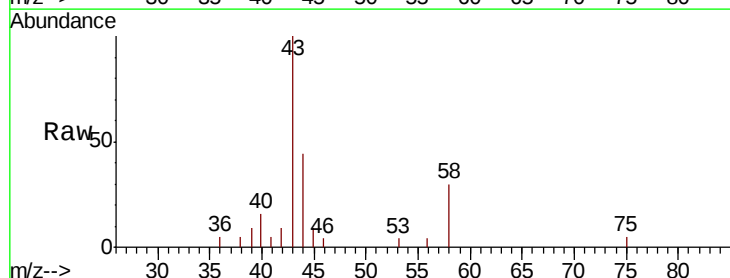
Acq: 28 Apr 2020 14:54

Tgt Ion: 43 Resp: 6632

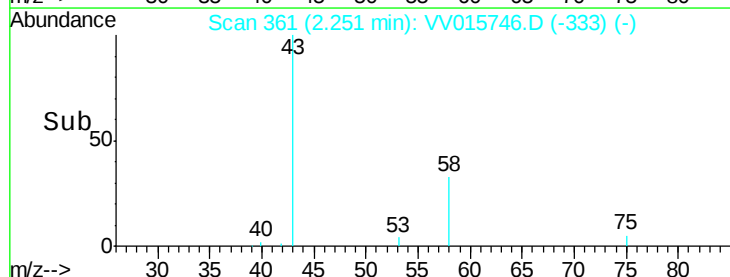
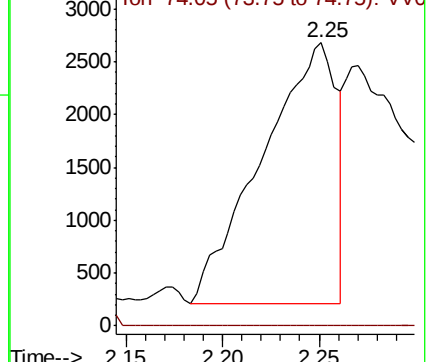
Ion Ratio Lower Upper

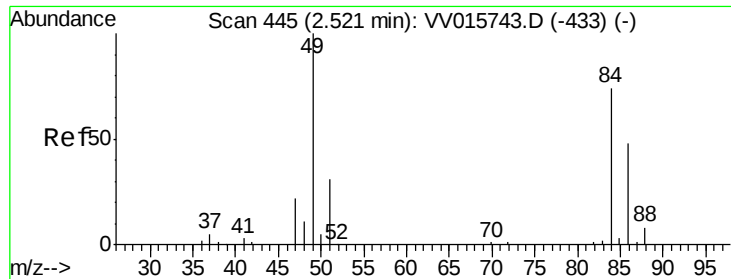
43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VV015746.D (-333) (-)

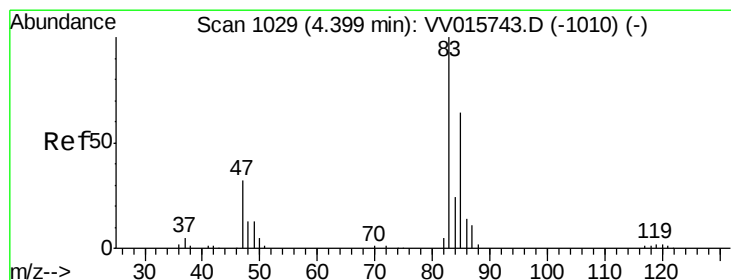
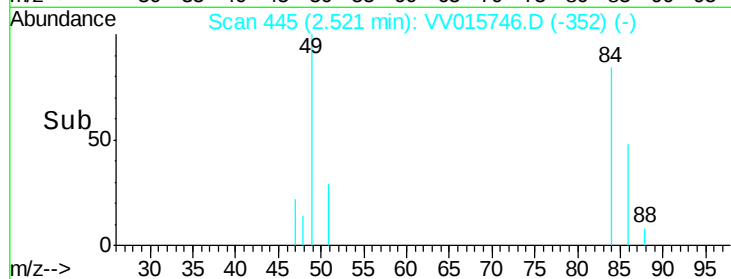
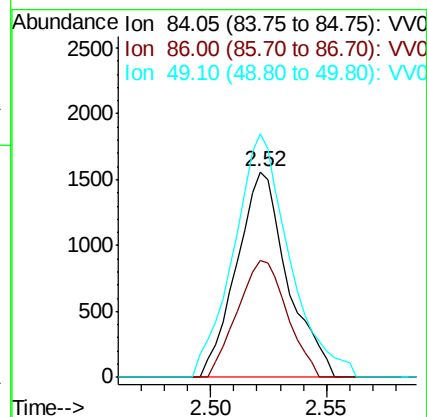
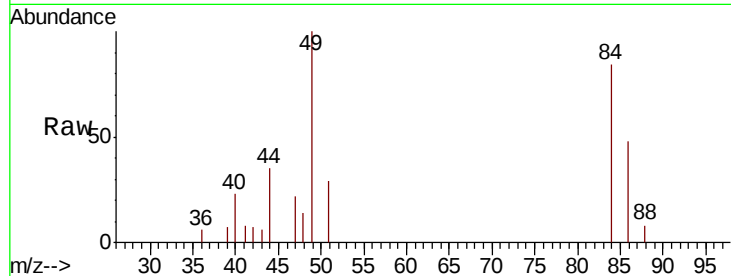




#16
Methvlene chloride
Concen: 0.266 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015746.D
Acq: 28 Apr 2020 14:54

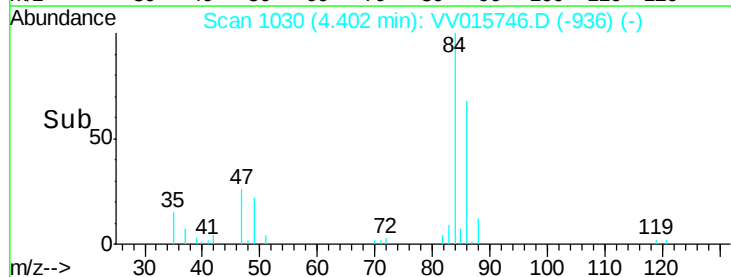
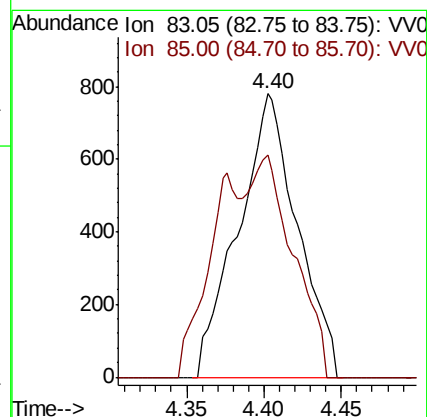
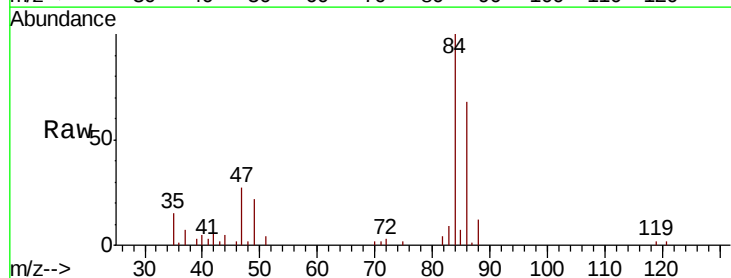
Instrument :
MSVOA_V
ClientSampleId :

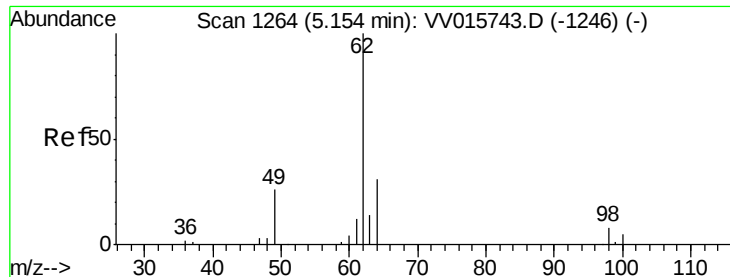
Tot Ion: 84 Resp: 2383
Ion Ratio Lower Upper
84 100
86 56.7 45.1 83.7
49 118.6 94.4 175.4



#25
Chloroform
Concen: 0.122 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015746.D
Acq: 28 Apr 2020 14:54

Tgt Ion: 83 Resp: 2070
Ion Ratio Lower Upper
83 100
85 78.6 46.1 85.5

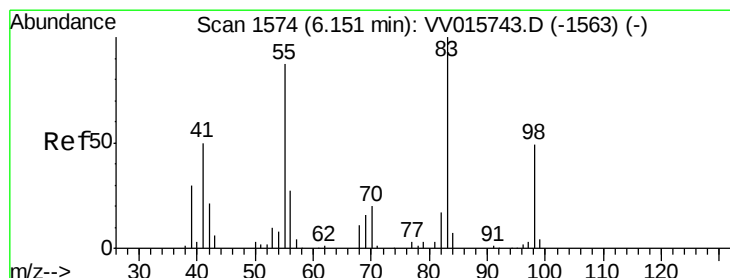
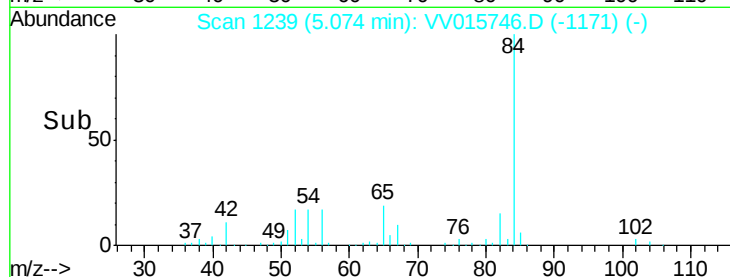
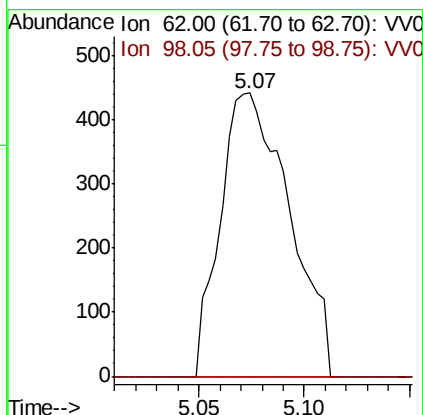
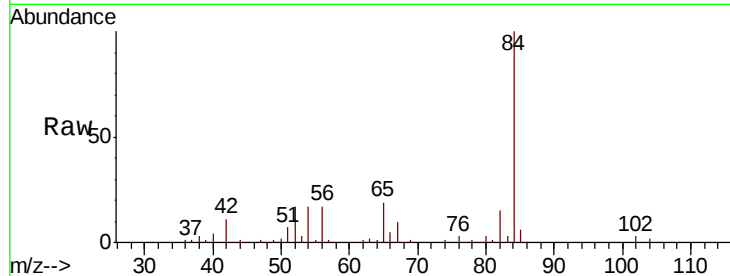




#27
 1,2-Dichloroethane
 Concen: 0.090 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015746.D
 Acq: 28 Apr 2020 14:54

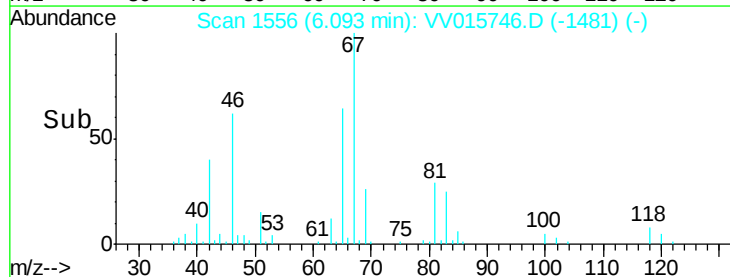
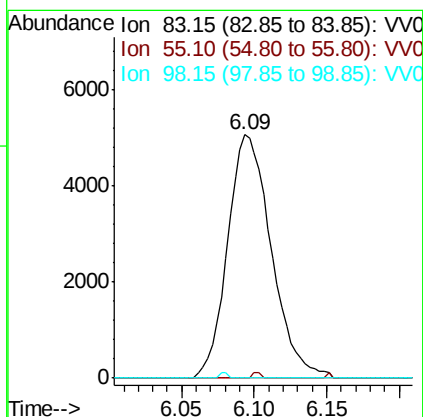
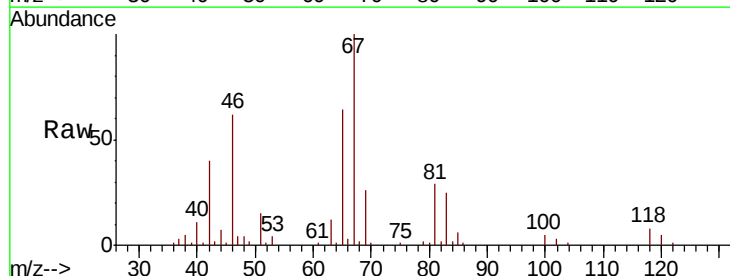
Instrument :
 MSVOA_V
 ClientSampleId :

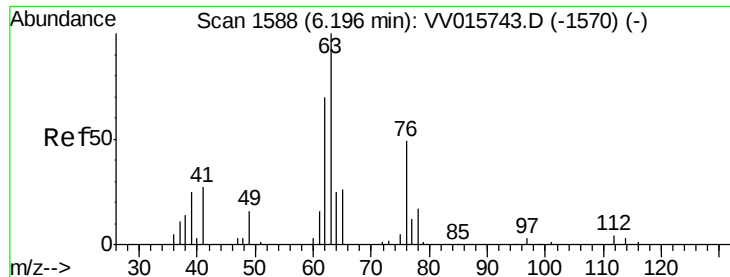
Tot Ion: 62 Resp: 1005
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.722 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015746.D
 Acq: 28 Apr 2020 14:54

Tgt Ion: 83 Resp: 10583
 Ion Ratio Lower Upper
 83 100
 55 0.4 66.6 99.8#
 98 0.4 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015746.D

Acq: 28 Apr 2020 14:54

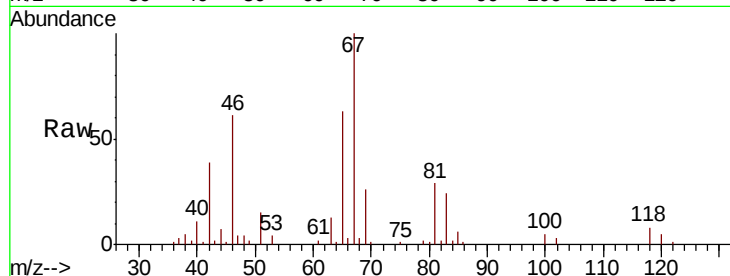
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 5519

Ion Ratio Lower Upper

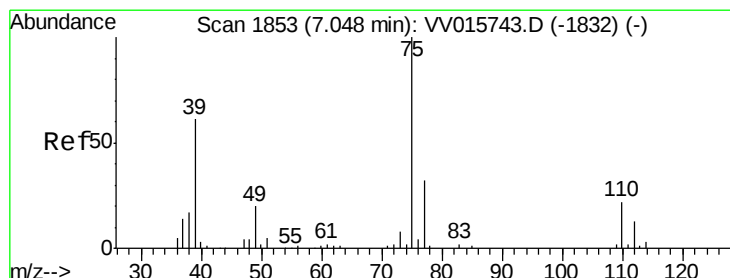
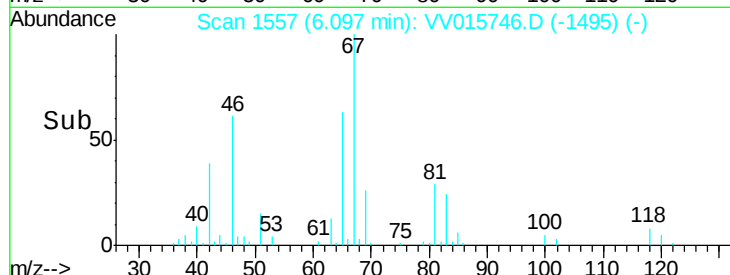
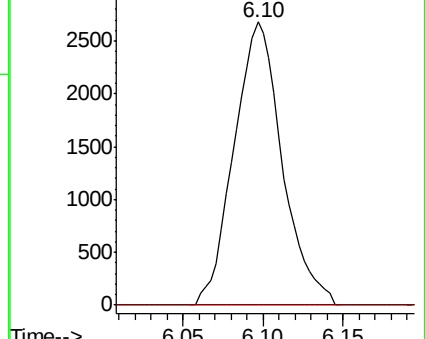
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015743.D (-1570) (-)

Ion 112.10 (111.80 to 112.80): VV015743.D (-1570) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV015746.D

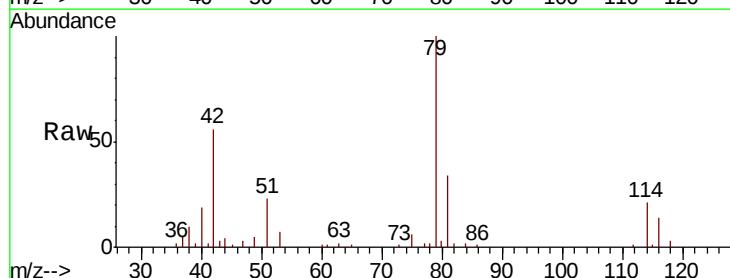
Acq: 28 Apr 2020 14:54

Tgt Ion: 75 Resp: 1355

Ion Ratio Lower Upper

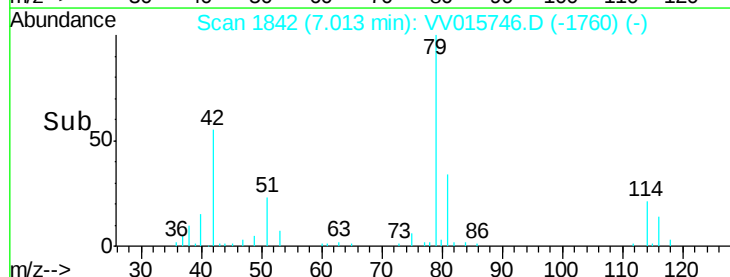
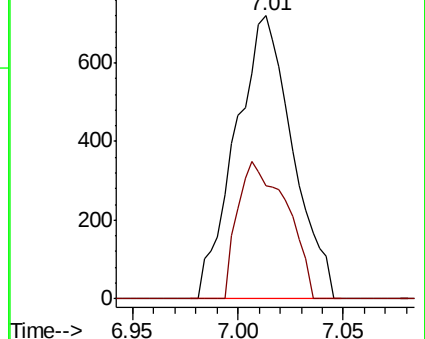
75 100

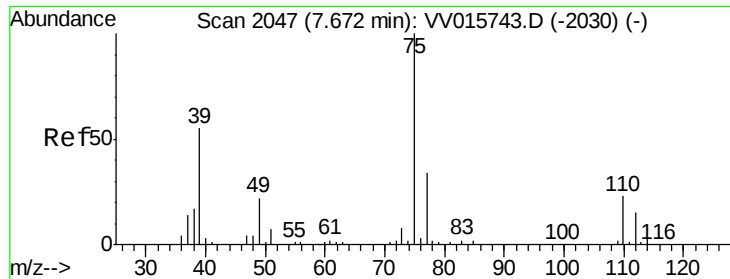
77 39.7 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV015743.D (-1832) (-)

Ion 77.05 (76.75 to 77.75): VV015743.D (-1832) (-)

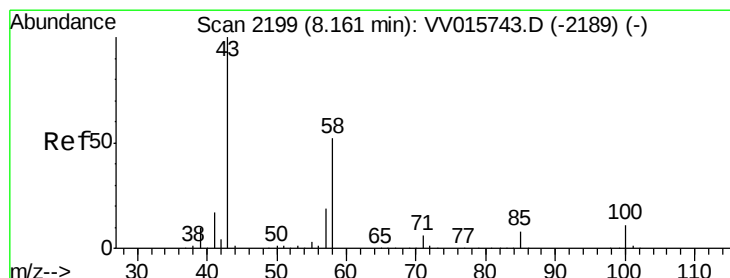
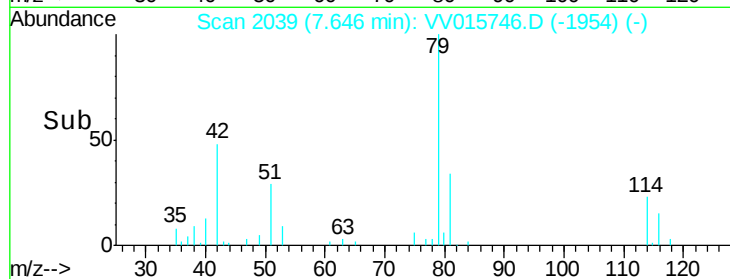
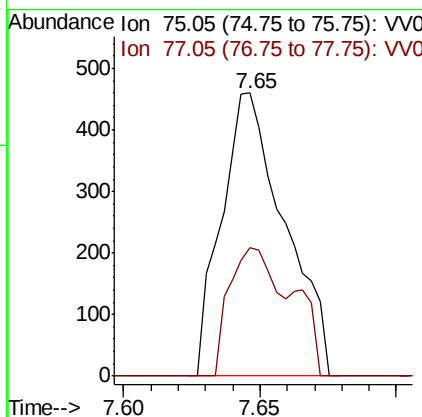
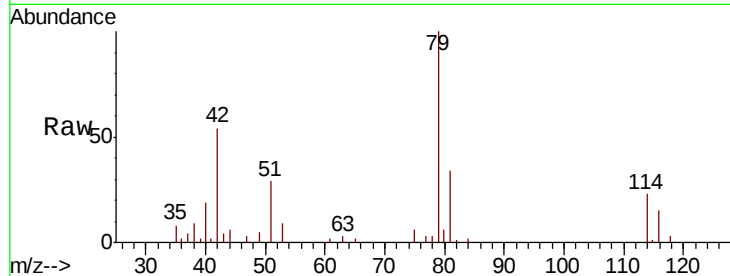




#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015746.D
Acq: 28 Apr 2020 14:54

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 741
Ion Ratio Lower Upper
75 100
77 45.2 21.8 40.6#



#48
2-Hexanone
Concen: 1.384 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015746.D
Acq: 28 Apr 2020 14:54

Tgt Ion: 43 Resp: 5628
Ion Ratio Lower Upper
43 100
58 46.6 41.1 61.7
57 16.2 15.0 22.4
100 8.0 9.0 13.4#

