

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016715.D
 Acq On : 09 Jun 2020 14:28
 Operator : SY/MD
 Sample : L2901-20MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR2MS

Quant Time: Jun 10 00:39:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353019	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166588	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88295	35.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.90%
7) Chloroethane-d5	1.56	69	66138	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.50%
11) 1,1-Dichloroethene-d2	2.12	63	169559	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.08%
21) 2-Butanone-d5	3.89	46	176752	95.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.87%
24) Chloroform-d	4.37	84	219934	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	5.05	65	158299	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
32) Benzene-d6	5.07	84	418395	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.09	67	135937	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.02%
41) Toluene-d8	7.34	98	380201	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.64	79	64724	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.38%
47) 2-Hexanone-d5	8.11	63	121936	91.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187584	46.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	165506	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%

Target Compounds

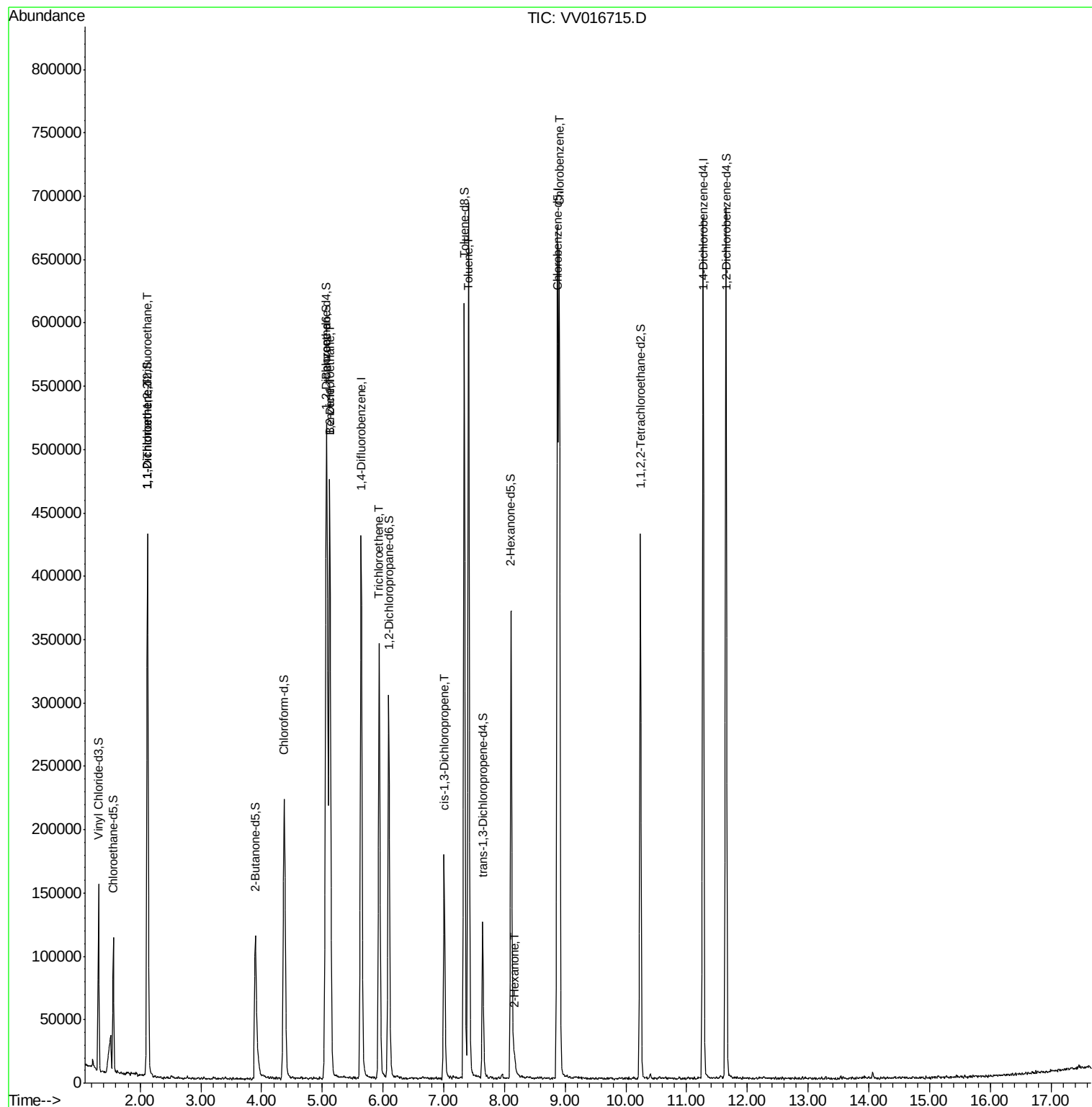
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1410	0.751 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	73801	42.121 ug/L	97
27) 1,2-Dichloroethane	5.13	62	4306	1.112 ug/L #	88
33) Benzene	5.12	78	455729	45.317 ug/L	100
34) Trichloroethene	5.94	95	114369	42.404 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4772	1.175 ug/L #	73
42) Toluene	7.41	91	485481	45.794 ug/L	98
48) 2-Hexanone	8.17	43	8907	3.100 ug/L #	76
51) Chlorobenzene	8.90	112	320698	46.366 ug/L	98

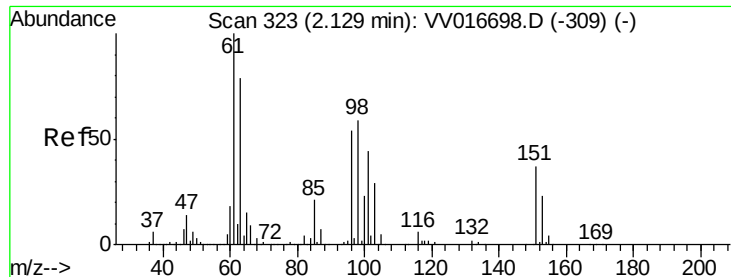
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 10 00:34:30 2020
Response via : Initial Calibration





#10

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

Concen: 0.751 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016715.D

Acq: 09 Jun 2020 14:28

Instrument :

MSVOA_V

ClientSampleId :

ETTR2MS

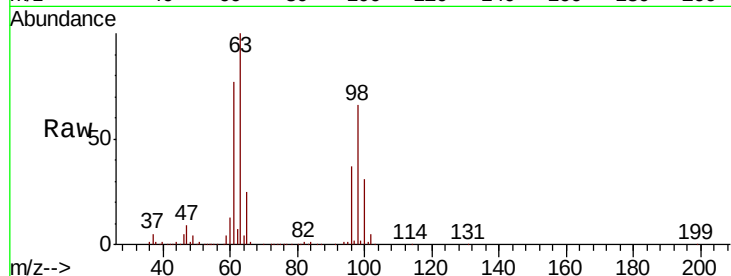
Tot Ion:101 Resp: 1410

Ion Ratio Lower Upper

101 100

85 3.8 35.5 53.3#

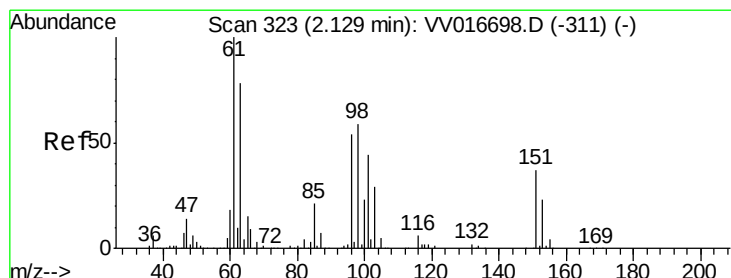
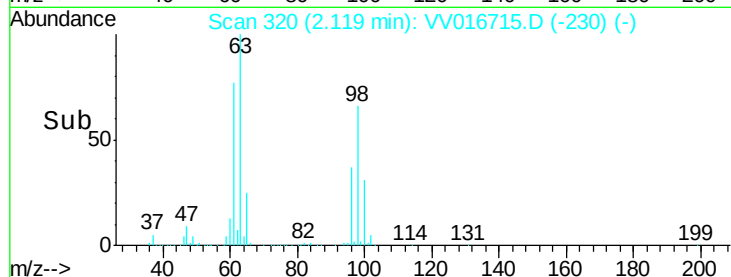
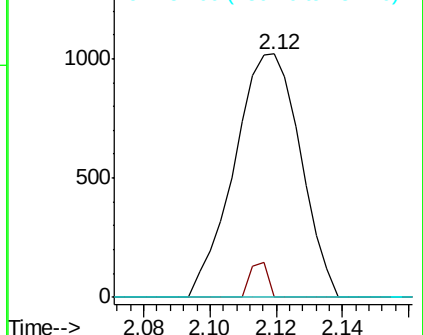
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 42.121 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016715.D

Acq: 09 Jun 2020 14:28

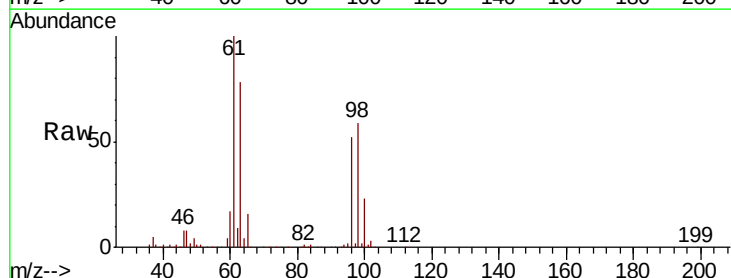
Tgt Ion: 96 Resp: 73801

Ion Ratio Lower Upper

96 100

61 192.1 130.4 242.2

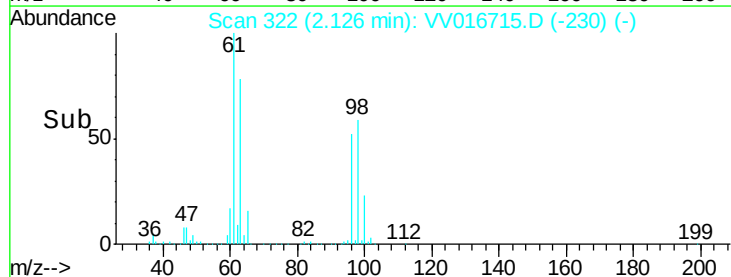
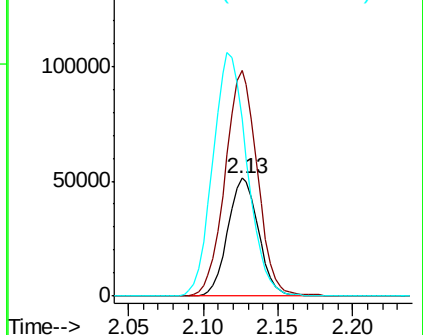
63 150.6 103.3 191.9

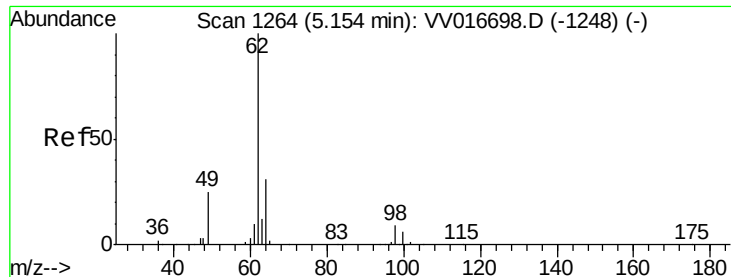


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

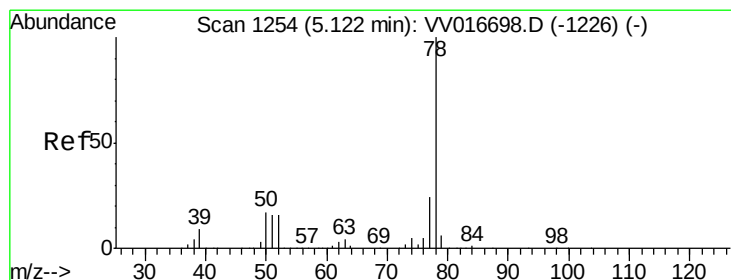
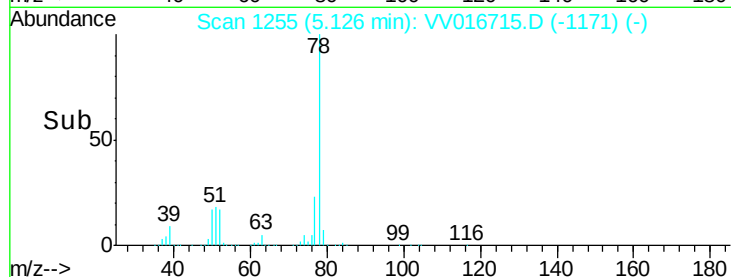
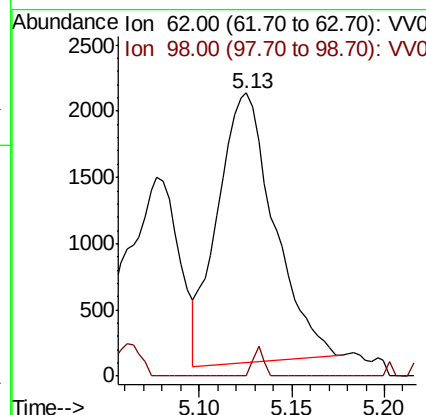
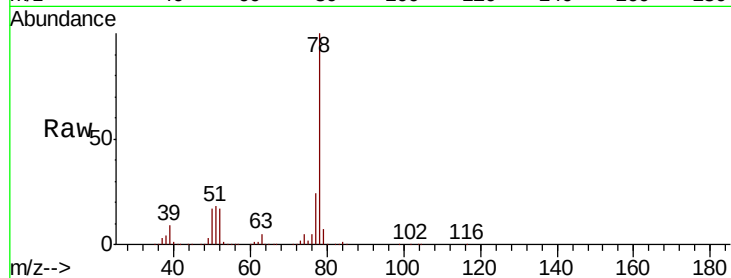




#27
 1,2-Dichloroethane
 Concen: 1.112 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.03 min
 Lab File: VV016715.D
 Acq: 09 Jun 2020 14:28

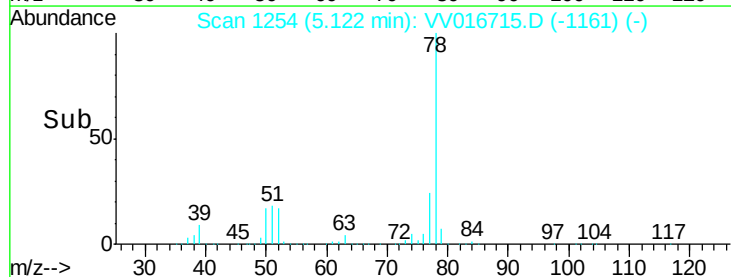
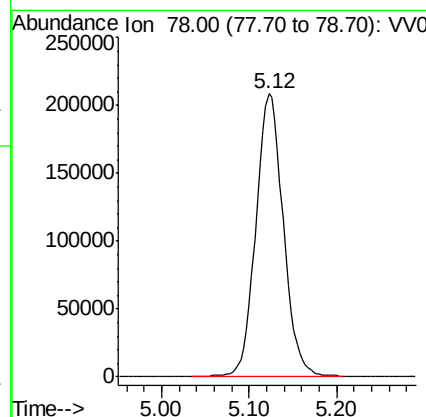
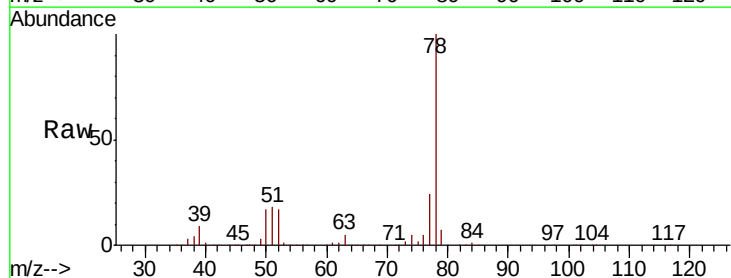
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR2MS

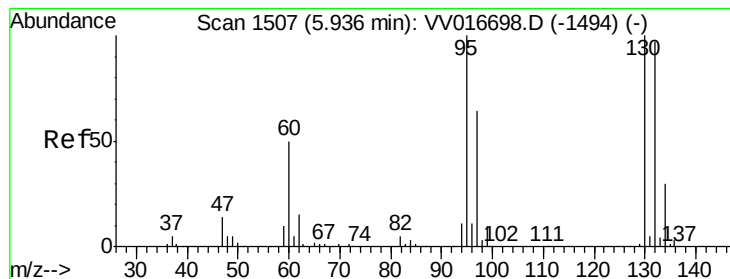
Tot Ion: 62 Resp: 4306
 Ion Ratio Lower Upper
 62 100
 98 4.8 7.4 11.2#



#33
 Benzene
 Concen: 45.317 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VV016715.D
 Acq: 09 Jun 2020 14:28

Tgt Ion: 78 Resp: 455729





#34

Trichloroethene

Concen: 42.404 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016715.D

Acq: 09 Jun 2020 14:28

Instrument :

MSVOA_V

ClientSampleId :

ETTR2MS

Tot Ion: 95 Resp: 114369

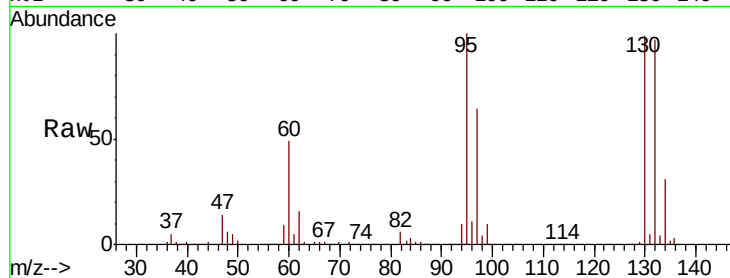
Ion Ratio Lower Upper

95 100

97 63.8 44.3 82.3

132 97.2 67.9 126.1

130 99.3 72.2 134.2

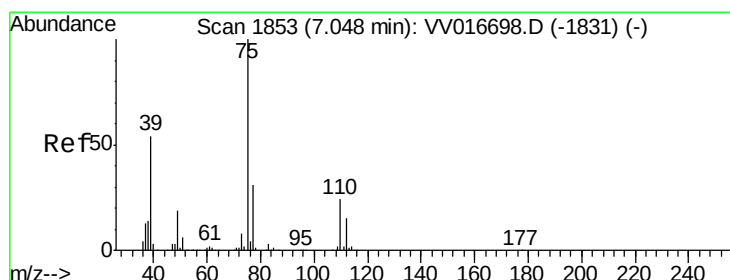
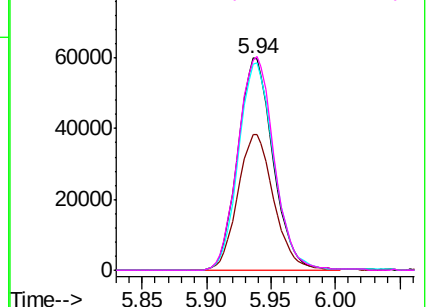
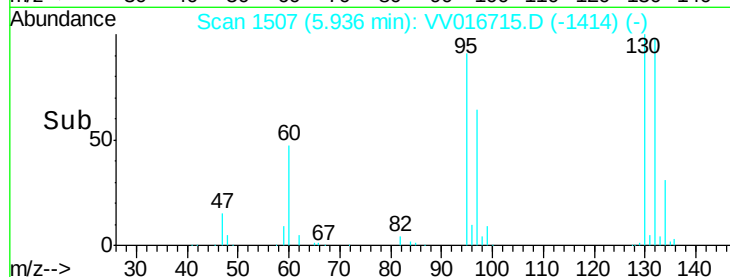


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.175 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016715.D

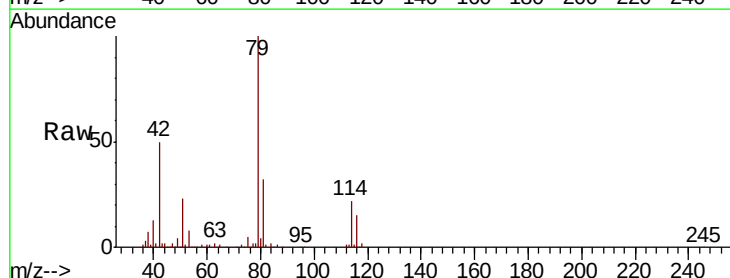
Acq: 09 Jun 2020 14:28

Tgt Ion: 75 Resp: 4772

Ion Ratio Lower Upper

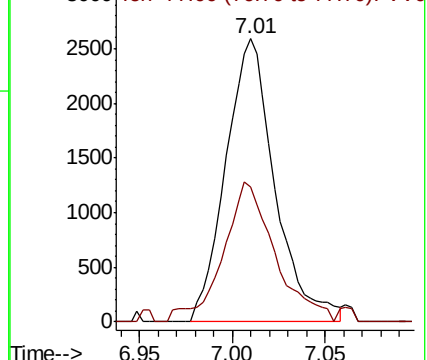
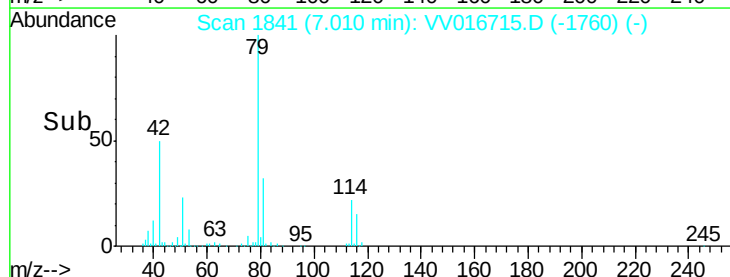
75 100

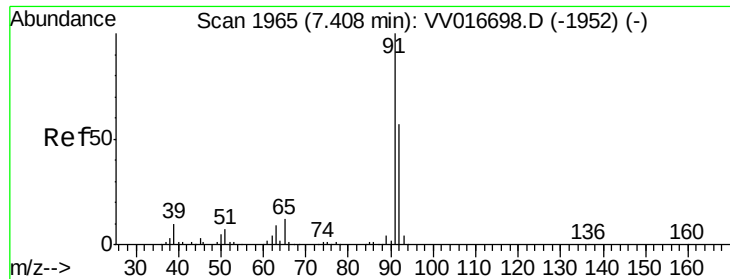
77 47.4 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#42

Toluene

Concen: 45.794 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016715.D

Acq: 09 Jun 2020 14:28

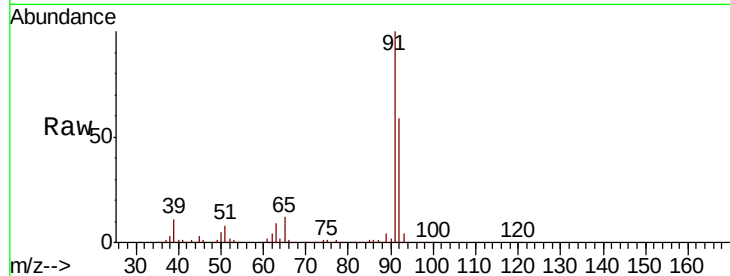
Instrument :
MSVOA_V
ClientSampleId :
ETTR2MS

Tot Ion: 91 Resp: 485481

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016698.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV016698.D (-1952) (-)

7.41

300000

250000

200000

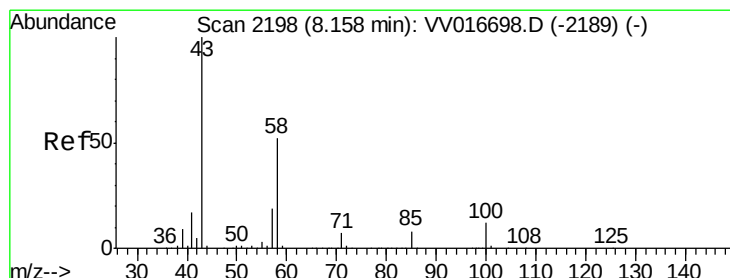
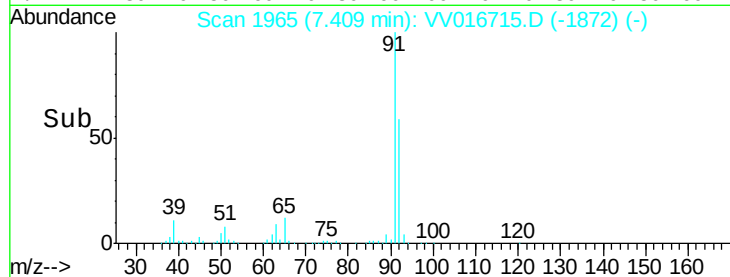
150000

100000

50000

0

Time--> 7.30 7.40 7.50



#48

2-Hexanone

Concen: 3.100 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016715.D

Acq: 09 Jun 2020 14:28

Tgt Ion: 43 Resp: 8907

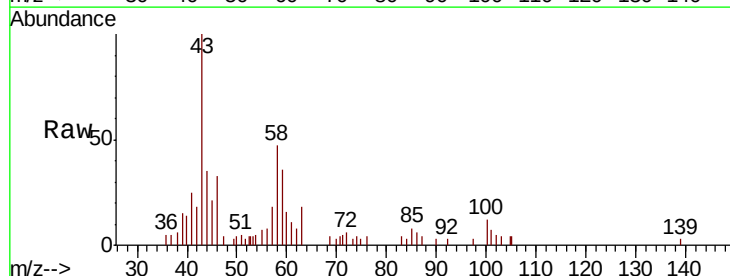
Ion Ratio Lower Upper

43 100

58 33.2 43.1 64.7#

57 10.1 15.3 22.9#

100 10.3 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VV016698.D (-2189) (-)

Ion 58.00 (57.70 to 58.70): VV016698.D (-2189) (-)

Ion 57.00 (56.70 to 57.70): VV016698.D (-2189) (-)

Ion 100.00 (99.70 to 100.70): VV016698.D (-2189) (-)

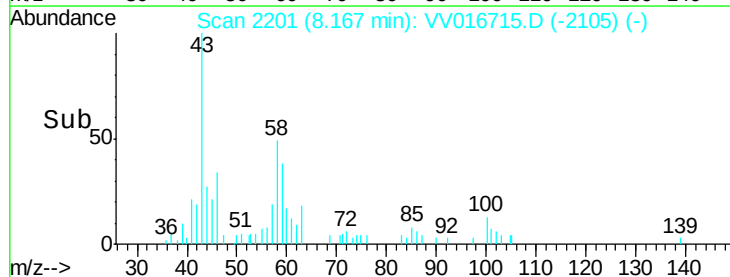
15000

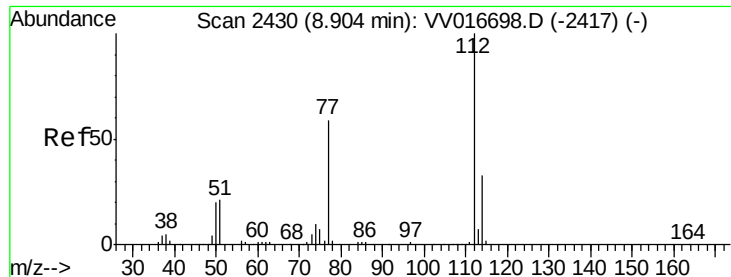
10000

5000

0

Time--> 8.15 8.20 8.25

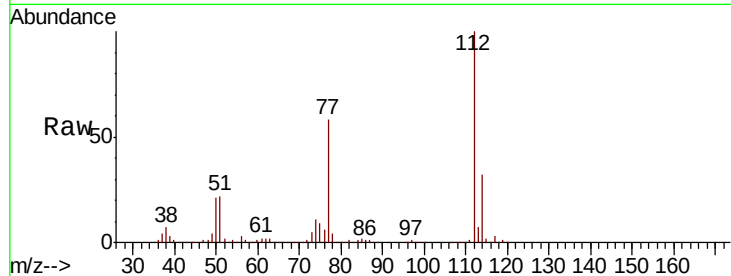




#51
 Chlorobenzene
 Concen: 46.366 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV016715.D
 Acq: 09 Jun 2020 14:28

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR2MS

Tot Ion:	112	Resp:	320698
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.3
77	58.4	47.9	71.9



Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

