

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015250.D
 Acq On : 28 Mar 2020 16:53
 Operator : SY/MD
 Sample : L1975-10MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	595867	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	574151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	245030	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126446	52.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.60%
7) Chloroethane-d5	1.58	69	127142	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.12%
11) 1,1-Dichloroethene-d2	2.12	63	324420	53.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.32%
21) 2-Butanone-d5	3.94	46	202440	70.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.68%
24) Chloroform-d	4.38	84	266258	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	5.06	65	184035	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
32) Benzene-d6	5.08	84	504359	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
36) 1,2-Dichloropropane-d6	6.10	67	169933	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.34	98	458983	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%
43) trans-1,3-Dichloropropene-	7.64	79	79530	39.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.60%
47) 2-Hexanone-d5	8.12	63	155550	71.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	255505	38.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	180887	43.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.56%

Target Compounds

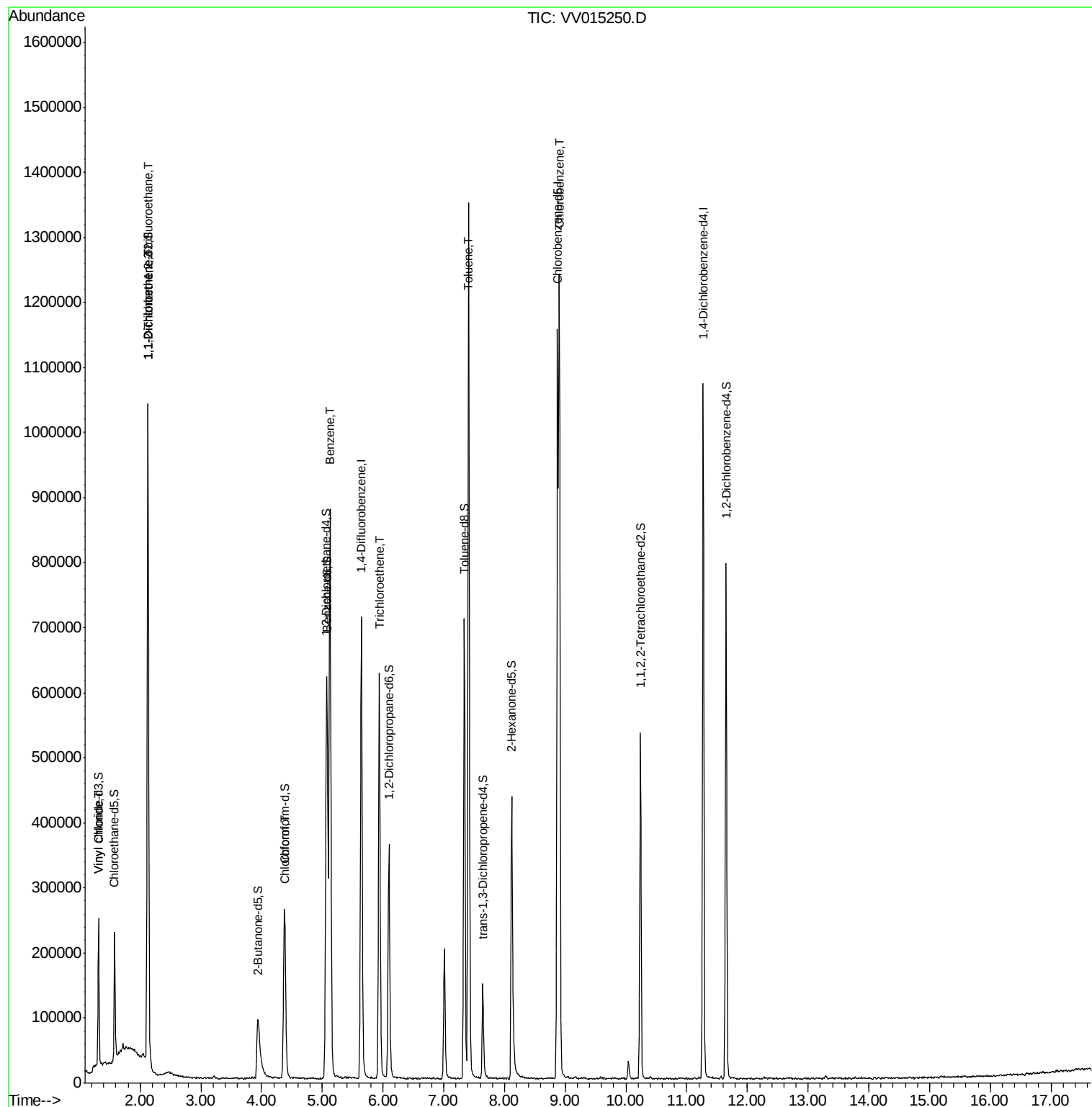
					Ovalue
5) Vinyl chloride	1.32	62	9554	1.802 ug/L #	64
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2974	0.664 ug/L #	24
12) 1,1-Dichloroethene	2.13	96	227630	51.164 ug/L	97
25) Chloroform	4.40	83	6714	0.878 ug/L	76
33) Benzene	5.13	78	867893	53.920 ug/L	100
34) Trichloroethene	5.94	95	218090	50.580 ug/L	97
42) Toluene	7.41	91	965700	54.284 ug/L	100
51) Chlorobenzene	8.90	112	610183	52.675 ug/L	99

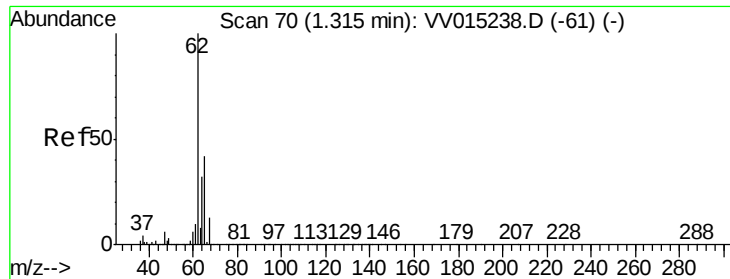
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Mar 30 02:13:00 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.802 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015250.D

Acq: 28 Mar 2020 16:53

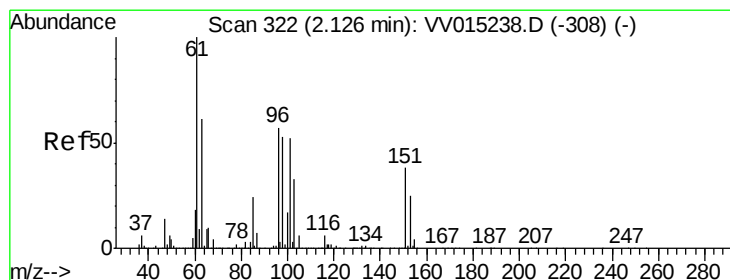
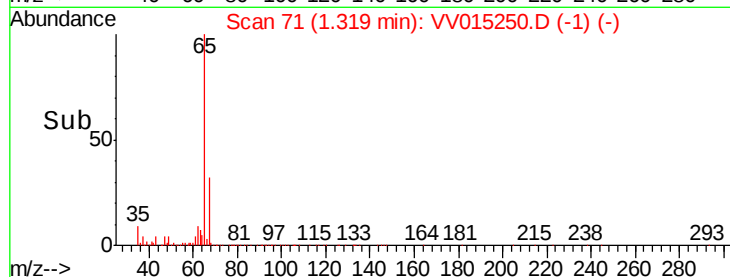
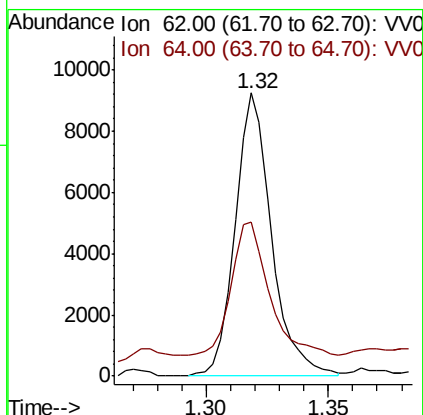
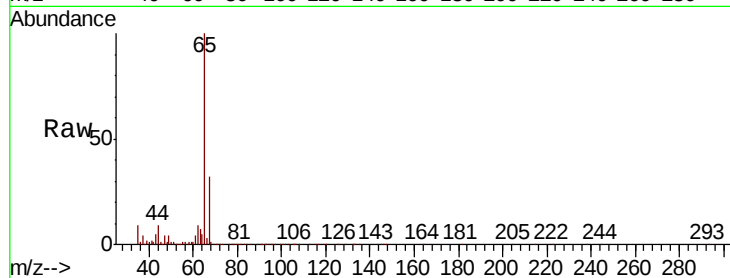
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 9554

Ion Ratio Lower Upper

62 100

64 54.2 23.5 43.7#



#10

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

Concen: 0.664 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015250.D

Acq: 28 Mar 2020 16:53

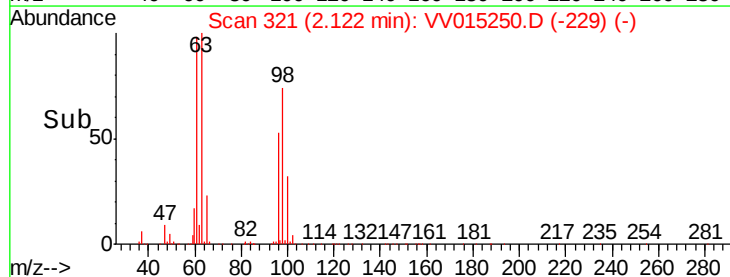
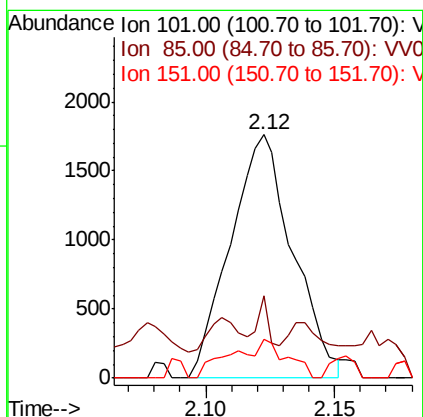
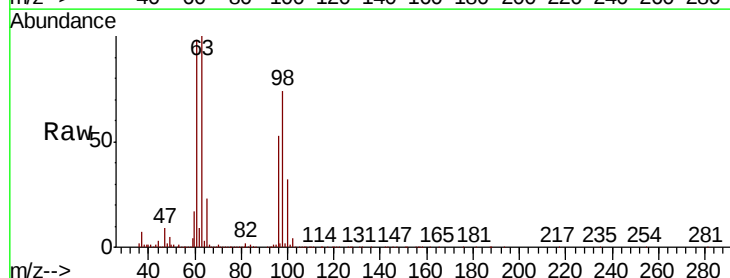
Tgt Ion: 101 Resp: 2974

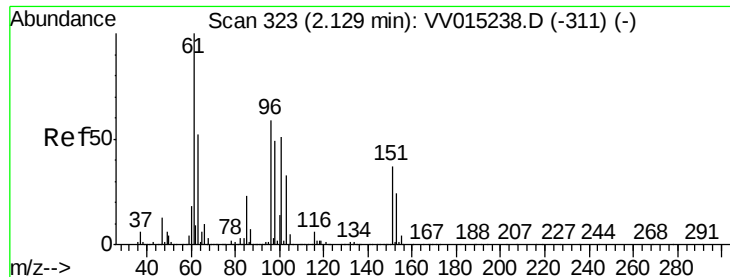
Ion Ratio Lower Upper

101 100

85 3.3 36.3 54.5#

151 2.0 57.8 86.6#





#12

1,1-Dichloroethene

Concen: 51.164 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015250.D

Acq: 28 Mar 2020 16:53

Instrument :
MSVOA_V
ClientSampled :

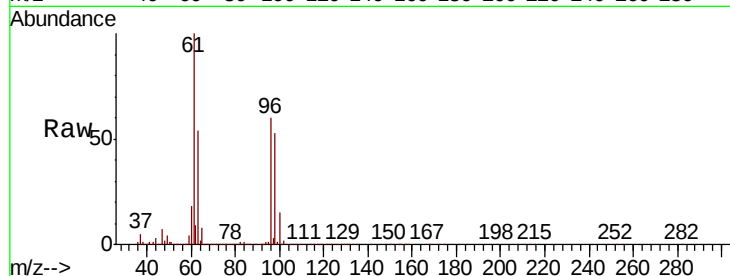
Tot Ion: 96 Resp: 227630

Ion Ratio Lower Upper

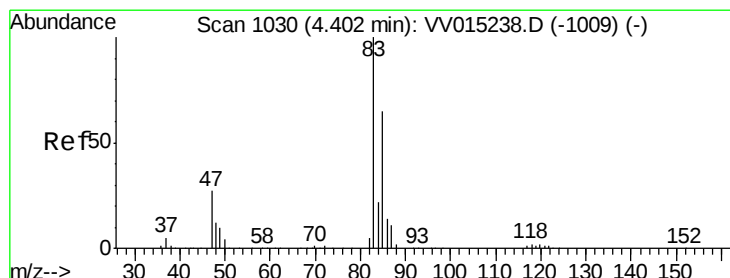
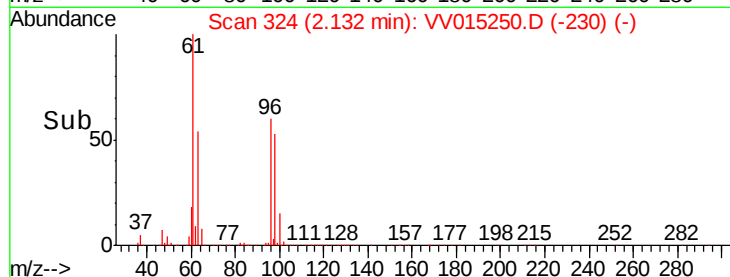
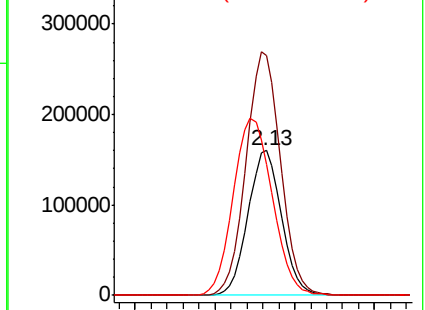
96 100

61 166.0 119.1 221.3

63 90.4 66.0 122.6



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



#25

Chloroform

Concen: 0.878 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VV015250.D

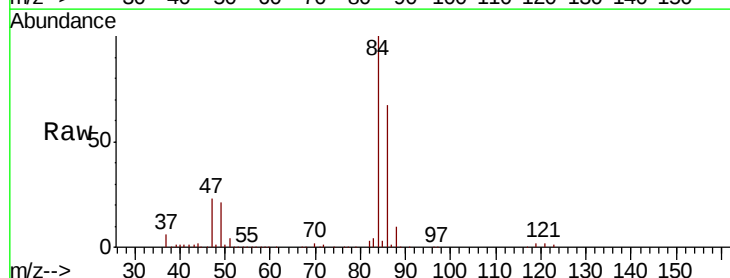
Acq: 28 Mar 2020 16:53

Tgt Ion: 83 Resp: 6714

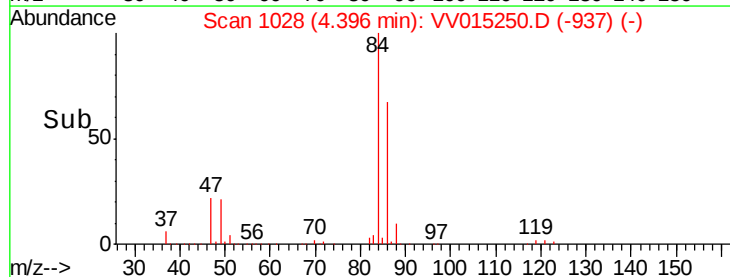
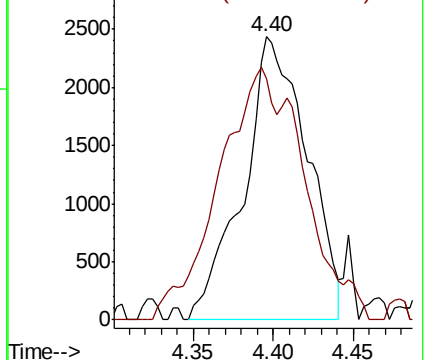
Ion Ratio Lower Upper

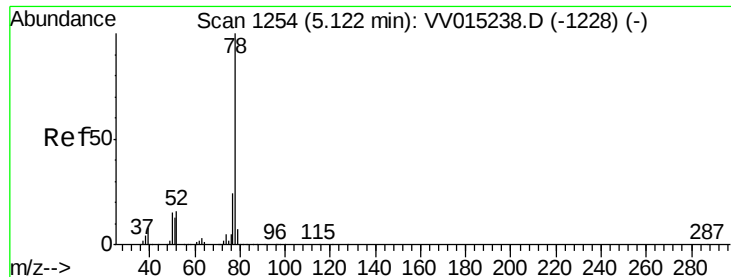
83 100

85 85.3 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

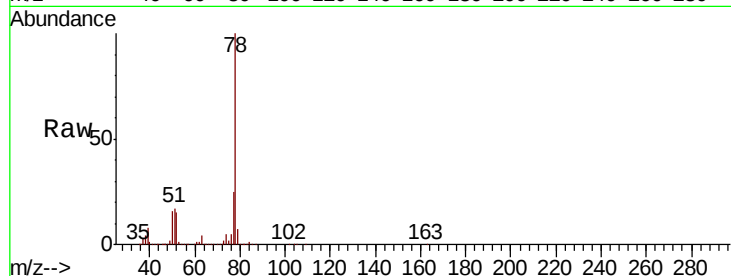




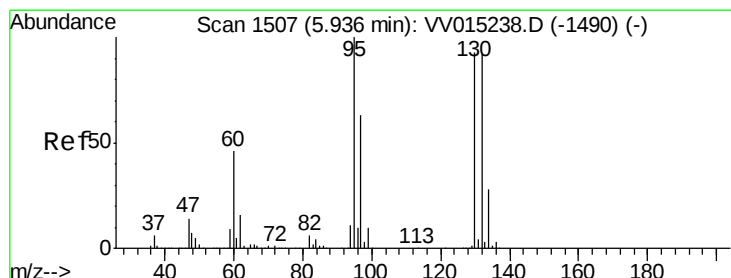
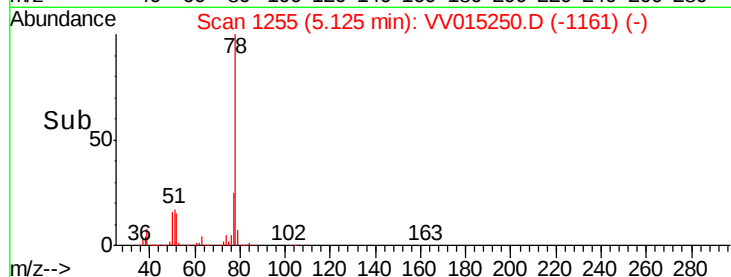
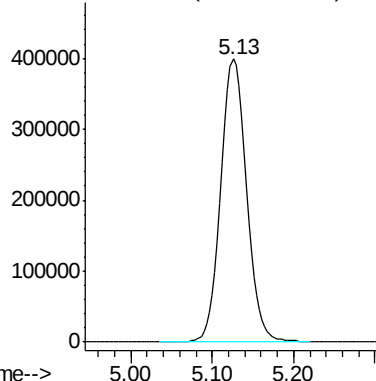
#33
Benzene
Concen: 53.920 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015250.D
Acq: 28 Mar 2020 16:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 867893



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34
Trichloroethene
Concen: 50.580 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015250.D
Acq: 28 Mar 2020 16:53

Tgt Ion: 95 Resp: 218090

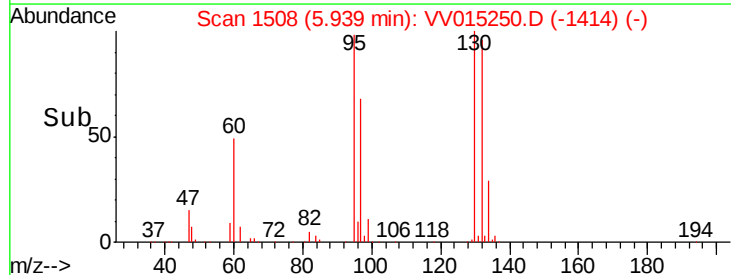
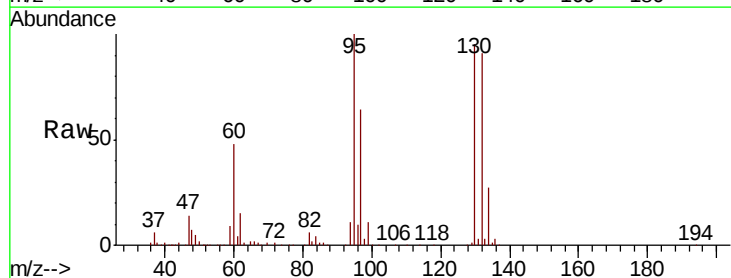
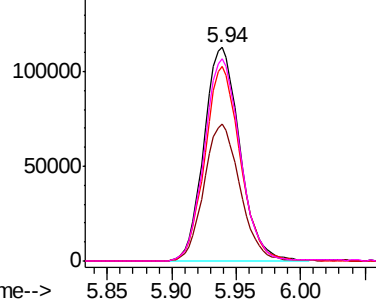
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.7	84.9
132	90.9	66.2	123.0
130	94.6	67.6	125.6

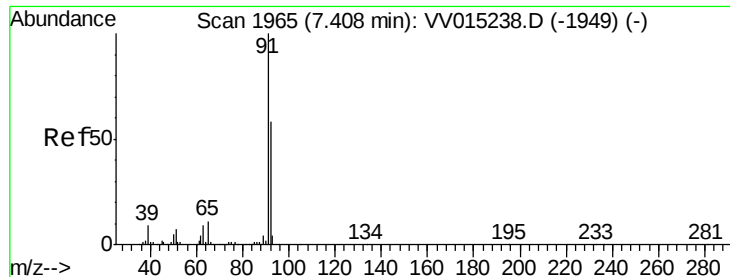
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 54.284 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV015250.D

Acq: 28 Mar 2020 16:53

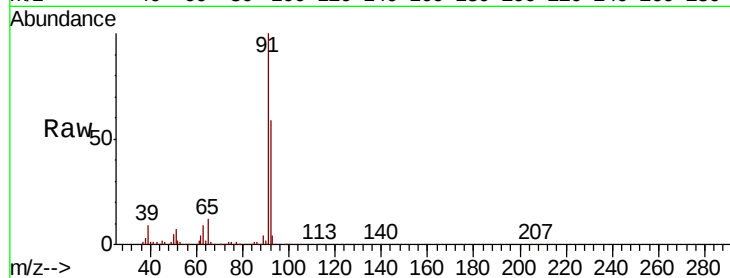
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 965700

Ion Ratio Lower Upper

91 100

92 58.9 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV015238.D (-1949) (-)

Ion 92.00 (91.70 to 92.70): VV015238.D (-1949) (-)

7.41

600000

500000

400000

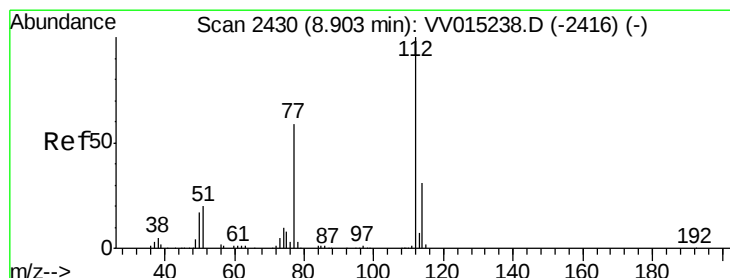
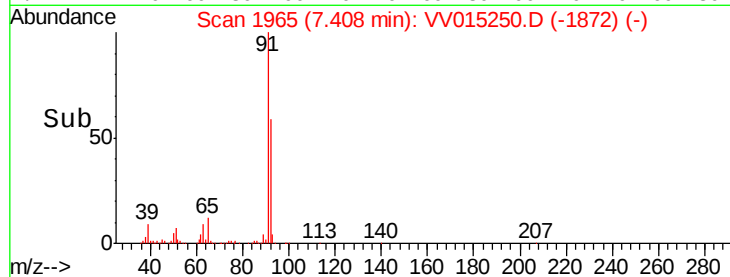
300000

200000

100000

0

Time-->



#51

Chlorobenzene

Concen: 52.675 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015250.D

Acq: 28 Mar 2020 16:53

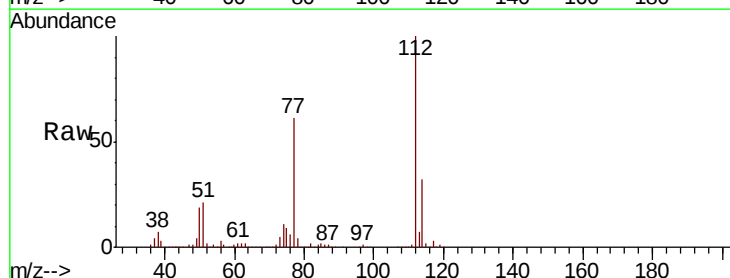
Tgt Ion: 112 Resp: 610183

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 60.6 48.2 72.2



Abundance Ion 112.00 (111.70 to 112.70): VV015238.D (-2416) (-)

Ion 114.00 (113.70 to 114.70): VV015238.D (-2416) (-)

Ion 77.00 (76.70 to 77.70): VV015238.D (-2416) (-)

8.90

500000

400000

300000

200000

100000

0

Time-->

