

Data File : VV015036.D
Acq On : 19 Mar 2020 00:27
Operator : SY/MD
Sample : L1941-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DL8

Quant Time: Mar 19 04:13:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326604	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79733	52.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.50%
7) Chloroethane-d5	1.58	69	64703	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.14%
11) 1,1-Dichloroethene-d2	2.12	63	103324	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
21) 2-Butanone-d5	3.94	46	95182	92.00	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	4.38	84	198753	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
26) 1,2-Dichloroethane-d4	5.06	65	128724	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
32) Benzene-d6	5.08	84	405647	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
36) 1,2-Dichloropropane-d6	6.10	67	119140	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.50%
41) Toluene-d8	7.34	98	396035	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%
43) trans-1,3-Dichloropropene-	7.64	79	56977	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.28%
47) 2-Hexanone-d5	8.12	63	102343	99.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.27%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	169023	50.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	174375	53.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.70%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1163	0.828 ug/L #	13
12) 1,1-Dichloroethene	2.13	96	964	0.725 ug/L #	1
13) Acetone	2.20	43	817	0.950 ug/L	88
25) Chloroform	4.41	83	3810	0.994 ug/L #	65
33) Benzene	5.13	78	37831	4.796 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	3297	1.032 ug/L #	57
48) 2-Hexanone	8.12	43	14398	7.294 ug/L #	73
51) Chlorobenzene	8.90	112	159132	25.380 ug/L	100
59) 1,2,3-Trichloropropane	11.20	75	6364	2.374 ug/L #	42
62) 1,3-Dichlorobenzene	11.20	146	25335	5.169 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	137905	27.032 ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	146379	28.119 ug/L	99
67) 1,3,5-Trichlorobenzene	13.28	180	114332	29.484 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	114332	32.016 ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	36874	10.510 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Not Reviewed)

Data File : VV015036.D
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MSVOA_V
ClientSampleId :
C0DL8

Quant Time: Mar 19 04:13:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

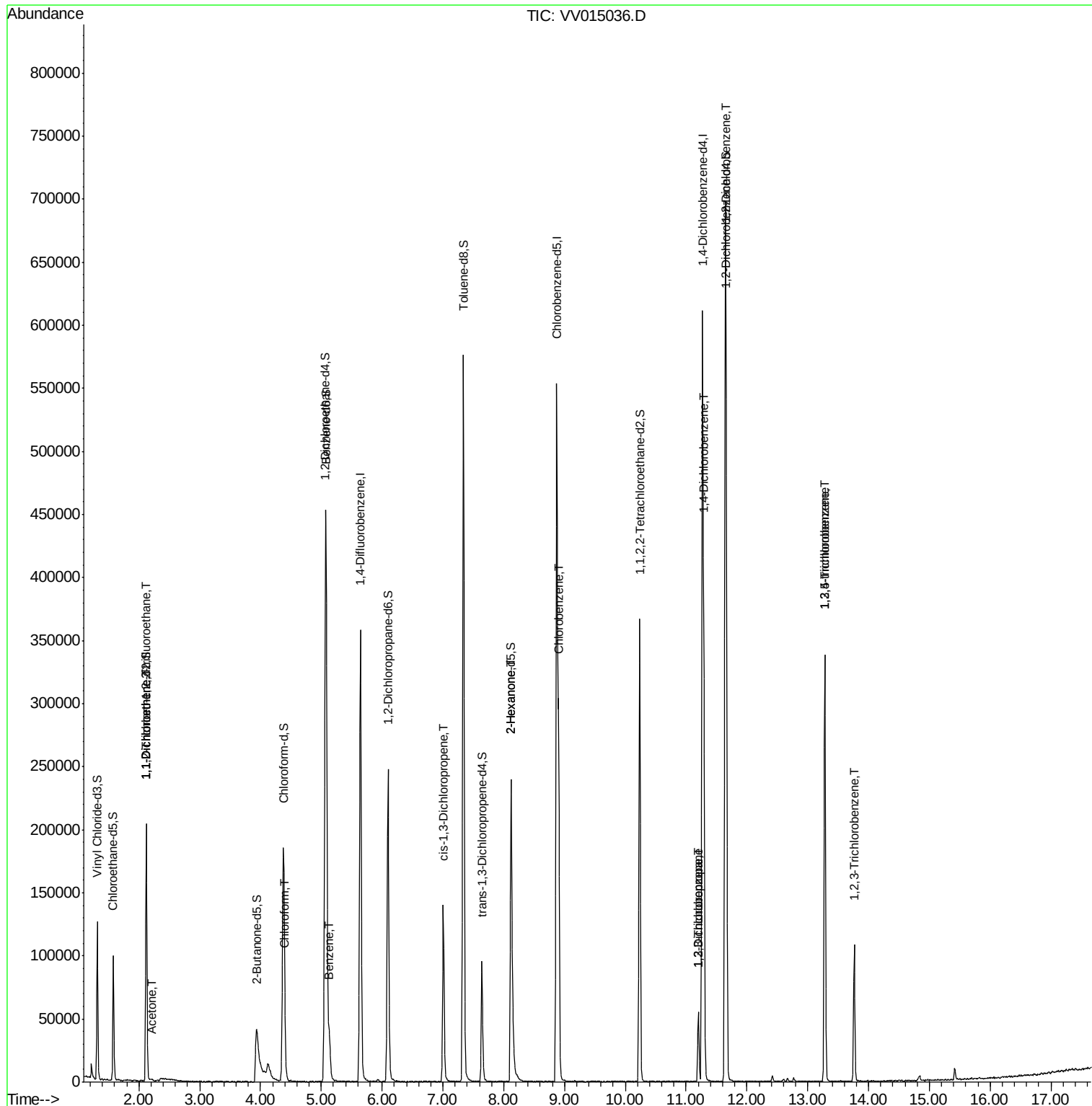
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

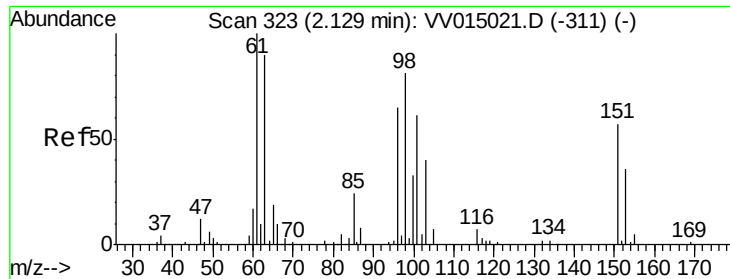
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VV015036.D
Acq On : 19 Mar 2020 00:27
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Quant Time: Mar 19 04:13:05 2020
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Response via : Initial Calibration





#10

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

Concen: 0.828 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015036.D

Acq: 19 Mar 2020 00:27

Instrument :

MSVOA_V

ClientSampleId :

C0DL8

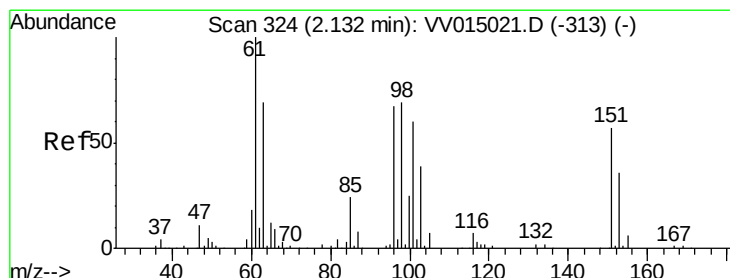
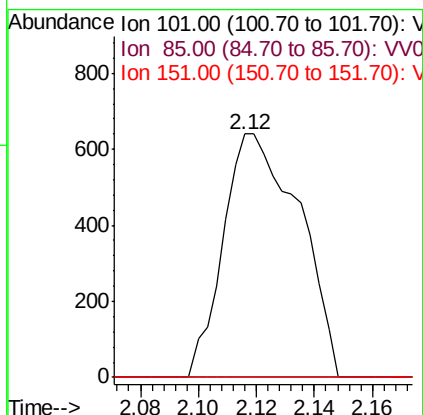
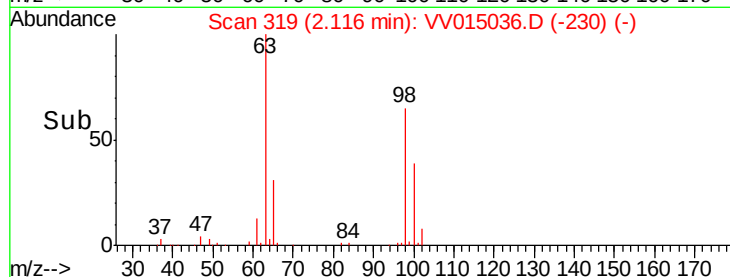
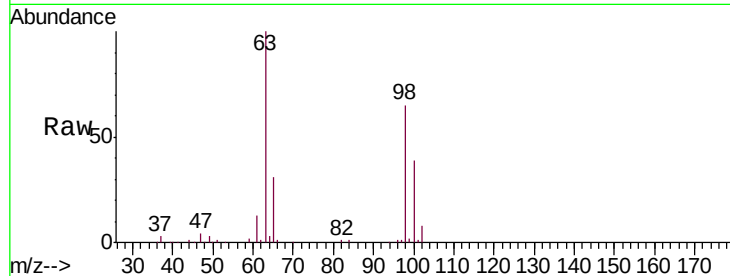
Tgt Ion:101 Resp: 1163

Ion Ratio Lower Upper

101 100

85 0.0 33.2 49.8#

151 0.0 72.6 109.0#



#12

1,1-Dichloroethene

Concen: 0.725 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV015036.D

Acq: 19 Mar 2020 00:27

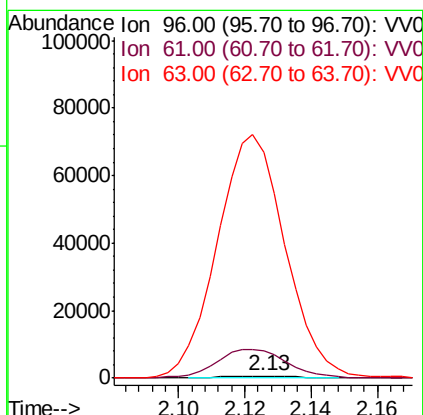
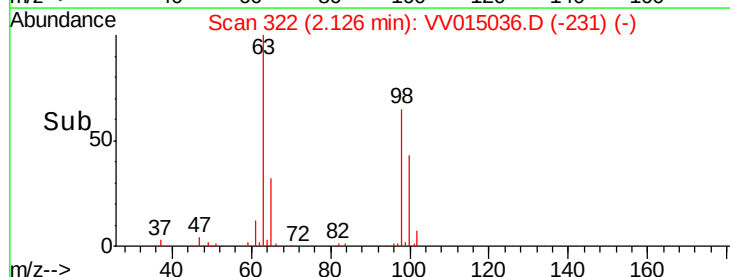
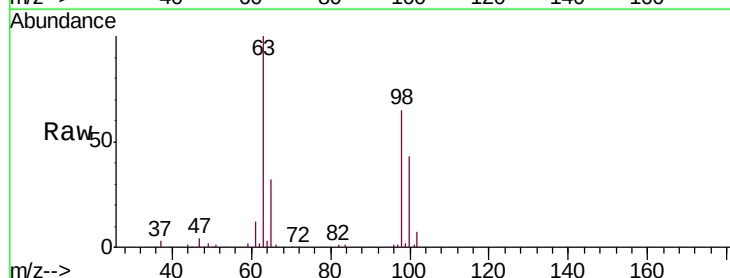
Tgt Ion: 96 Resp: 964

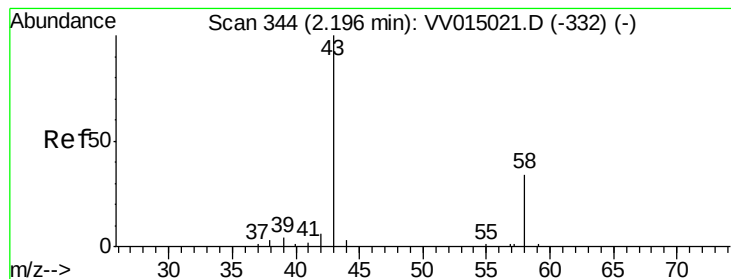
Ion Ratio Lower Upper

96 100

61 1200.5 105.6 196.2#

63 10065.8 75.9 140.9#





#13

Acetone

Concen: 0.950 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV015036.D

Acq: 19 Mar 2020 00:27

Instrument :

MSVOA_V

ClientSampled :

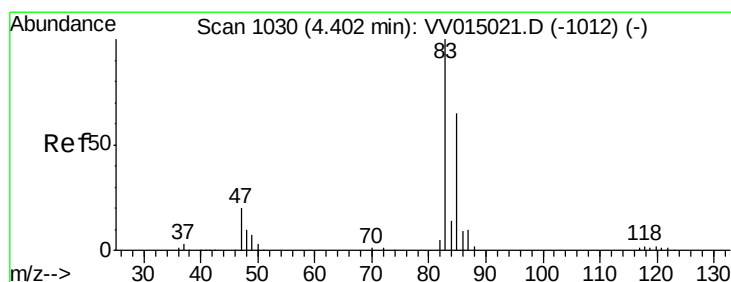
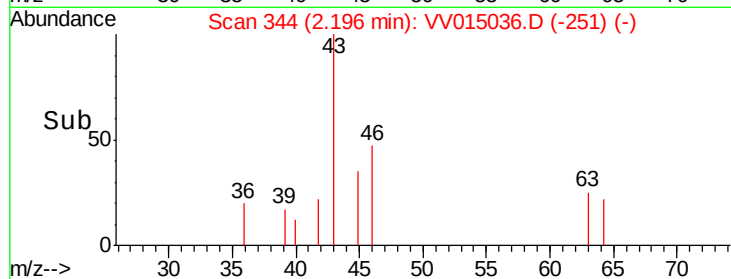
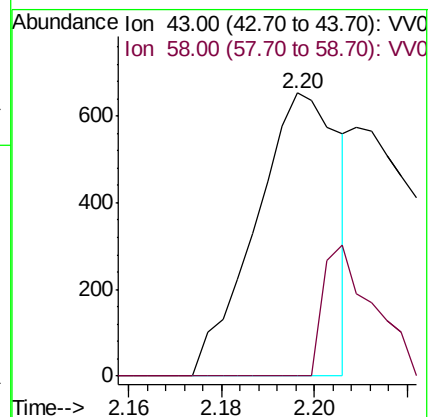
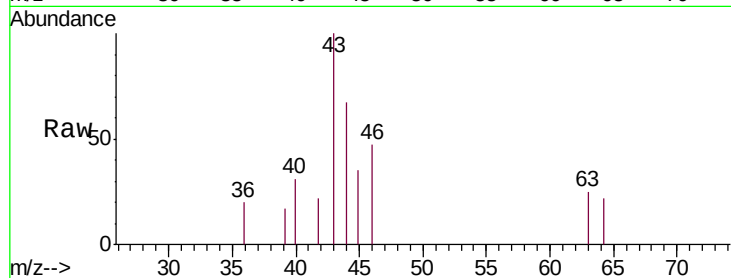
C0DL8

Tgt Ion: 43 Resp: 817

Ion Ratio Lower Upper

43 100

58 27.3 0.0 43.2



#25

Chloroform

Concen: 0.994 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV015036.D

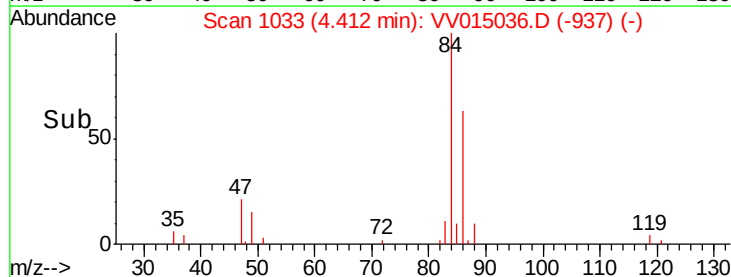
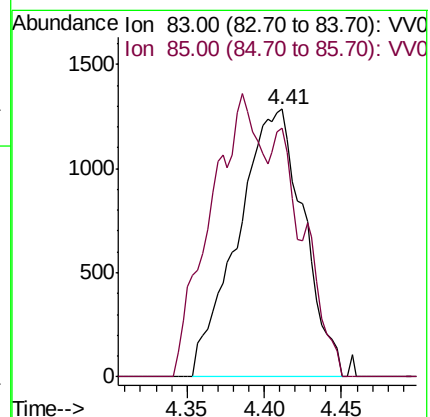
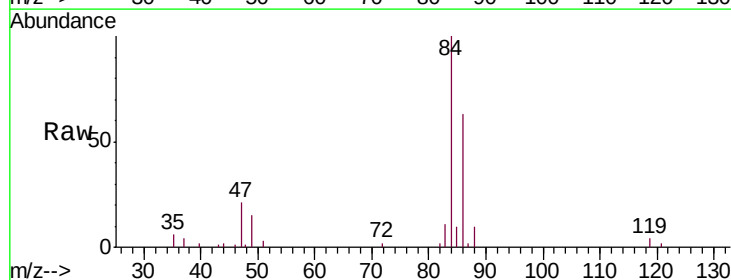
Acq: 19 Mar 2020 00:27

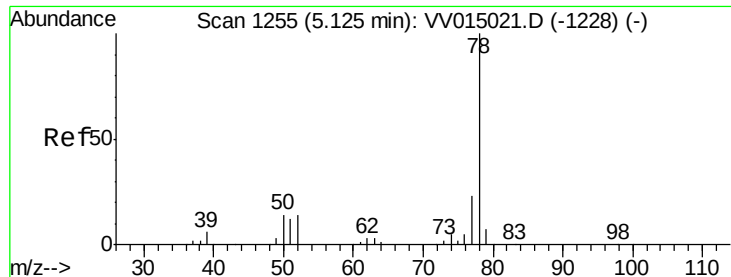
Tgt Ion: 83 Resp: 3810

Ion Ratio Lower Upper

83 100

85 92.7 45.4 84.4#





#33

Benzene

Concen: 4.796 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV015036.D

Acq: 19 Mar 2020 00:27

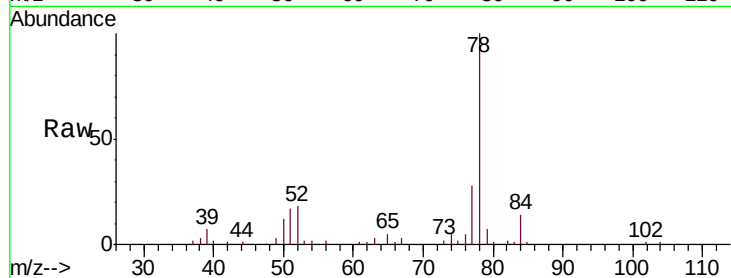
Instrument :

MSVOA_V

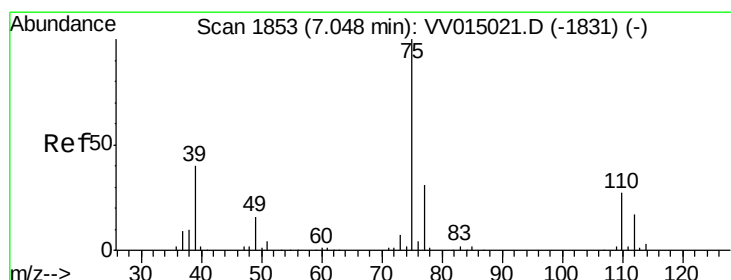
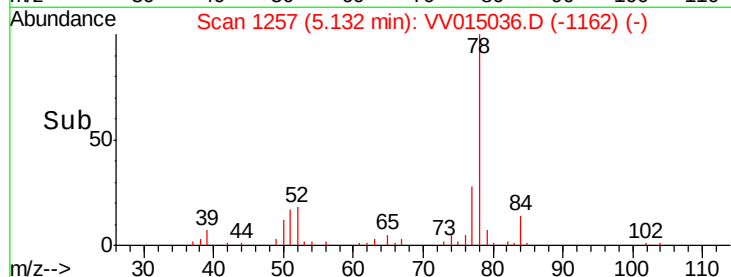
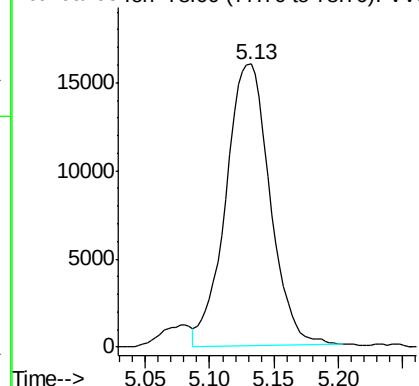
ClientSampled :

C0DL8

Tgt Ion: 78 Resp: 37831



Abundance Ion 78.00 (77.70 to 78.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.032 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV015036.D

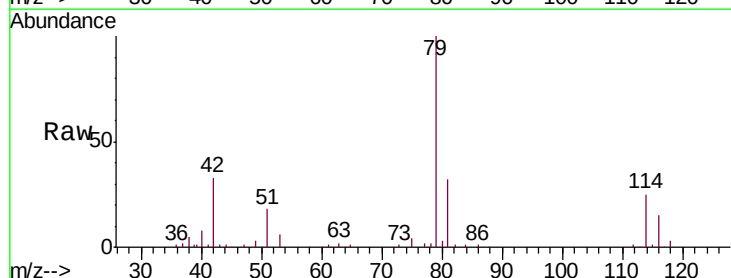
Acq: 19 Mar 2020 00:27

Tgt Ion: 75 Resp: 3297

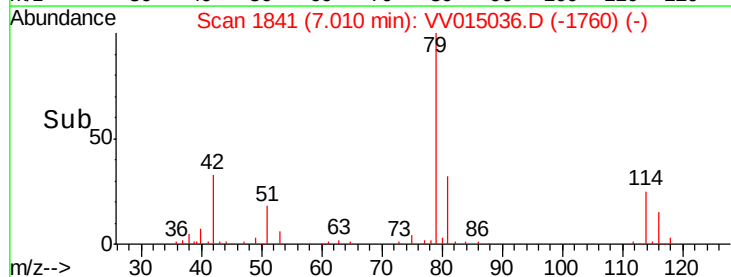
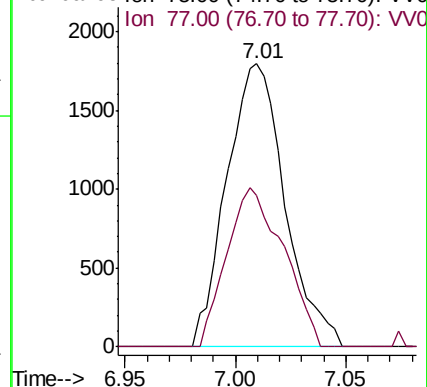
Ion Ratio Lower Upper

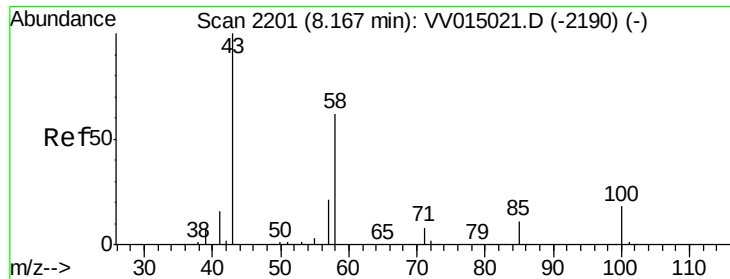
75 100

77 53.4 21.1 39.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

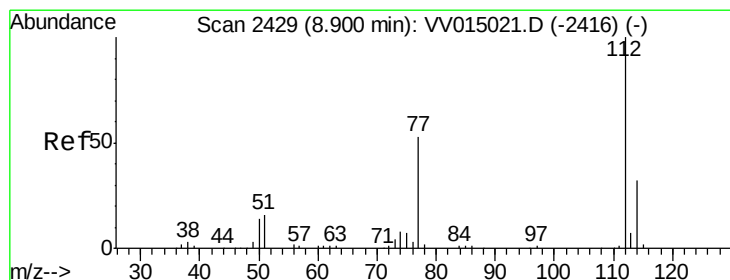
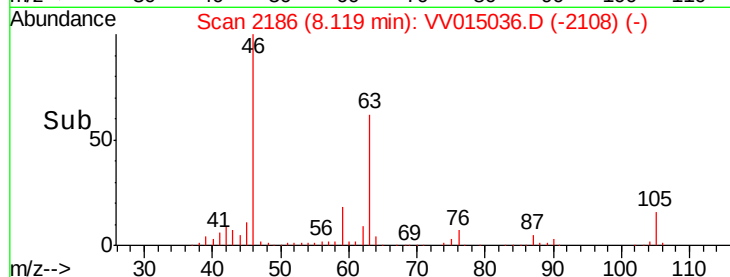
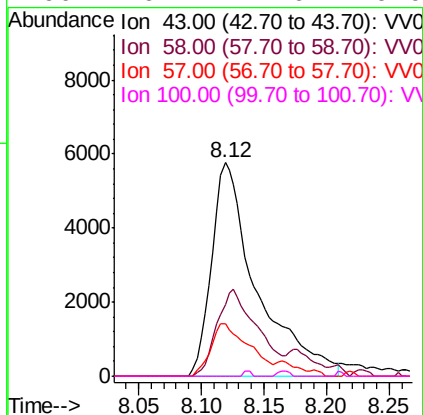
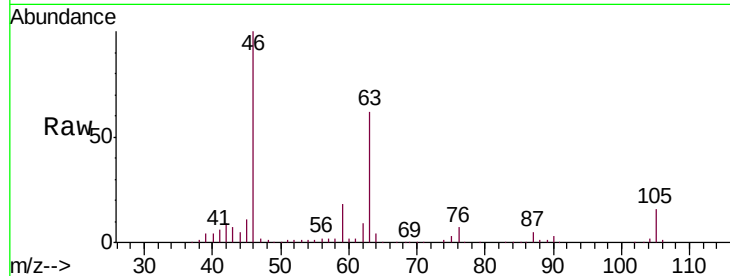




#48
2-Hexanone
Concen: 7.294 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV015036.D
Acq: 19 Mar 2020 00:27

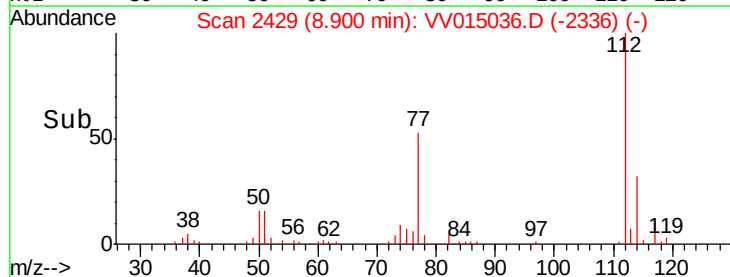
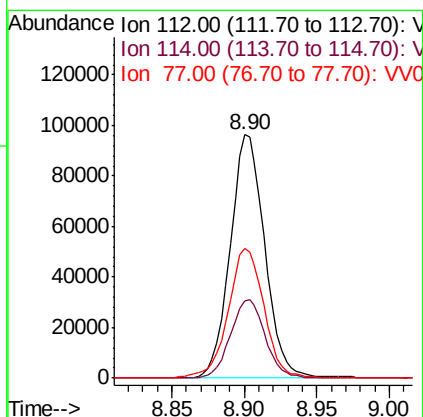
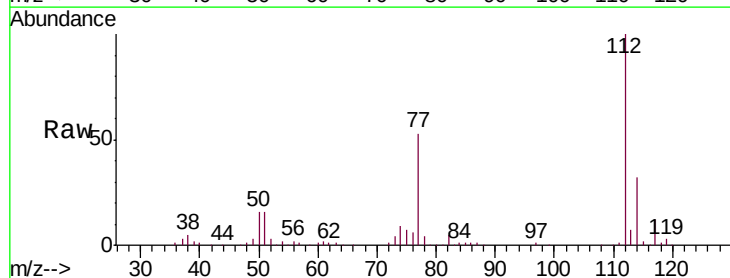
Instrument :
MSVOA_V
ClientSampleId :
C0DL8

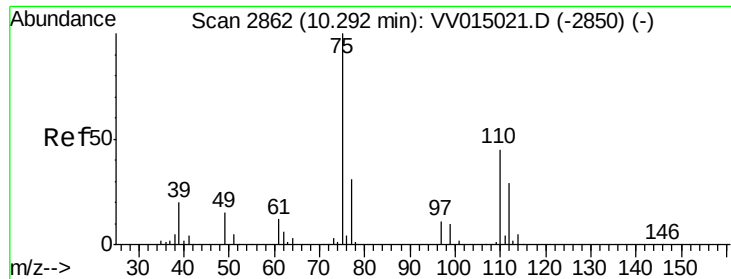
Tgt Ion:	43	Resp:	14398
Ion	Ratio	Lower	Upper
43	100		
58	36.2	48.2	72.2#
57	21.0	15.8	23.6
100	0.4	12.6	19.0#



#51
Chlorobenzene
Concen: 25.380 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV015036.D
Acq: 19 Mar 2020 00:27

Tgt Ion:	112	Resp:	159132
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	53.5	42.9	64.3





#59

1,2,3-Trichloropropane

Concen: 2.374 ug/L

RT: 11.20 min Scan# 3144

Delta R.T. 0.91 min

Lab File: VV015036.D

Acq: 19 Mar 2020 00:27

Instrument :

MSVOA_V

ClientSampleId :

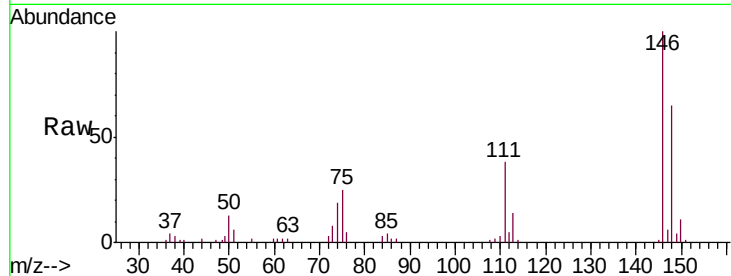
C0DL8

Tgt Ion: 75 Resp: 6364

Ion Ratio Lower Upper

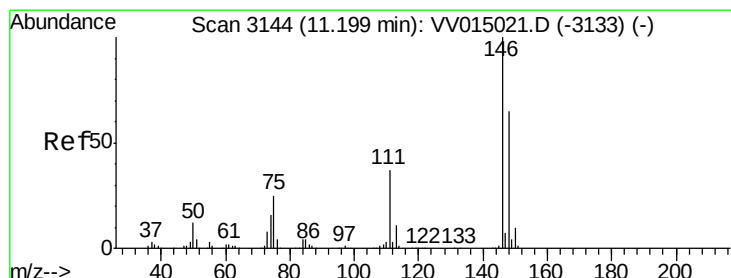
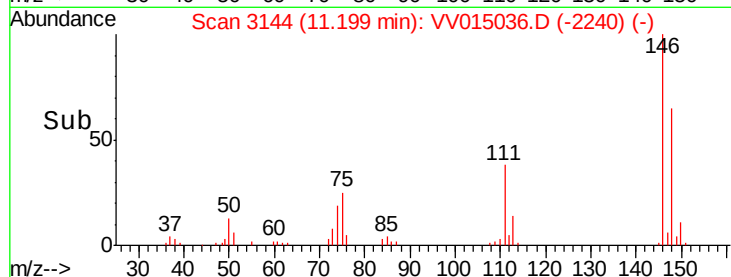
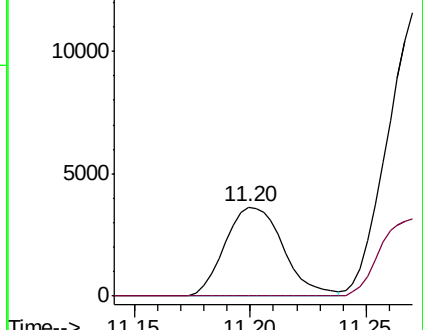
75 100

77 0.0 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VV015021.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV015021.D (-2850) (-)



#62

1,3-Dichlorobenzene

Concen: 5.169 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015036.D

Acq: 19 Mar 2020 00:27

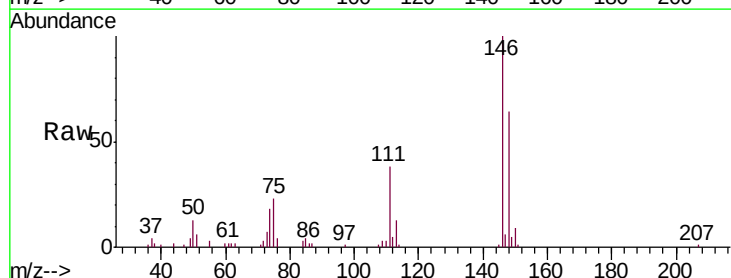
Tgt Ion: 146 Resp: 25335

Ion Ratio Lower Upper

146 100

111 38.0 25.7 47.7

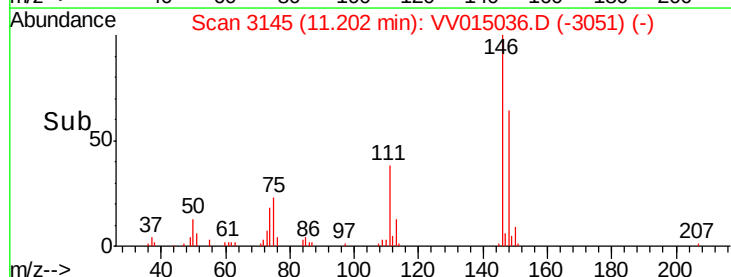
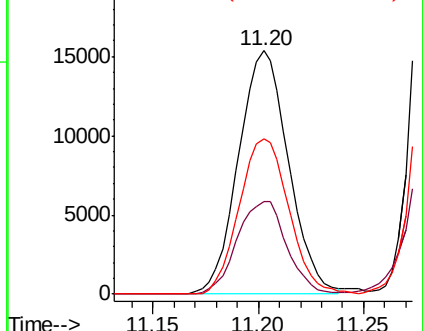
148 63.8 45.4 84.4

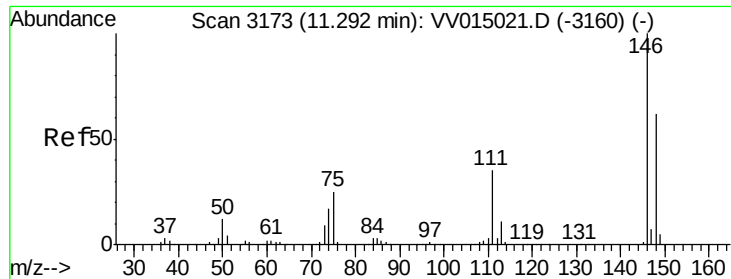


Abundance Ion 146.00 (145.70 to 146.70): VV015021.D (-3133) (-)

Ion 111.00 (110.70 to 111.70): VV015021.D (-3133) (-)

Ion 148.00 (147.70 to 148.70): VV015021.D (-3133) (-)

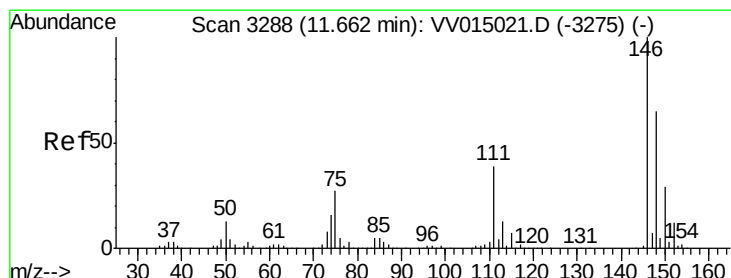
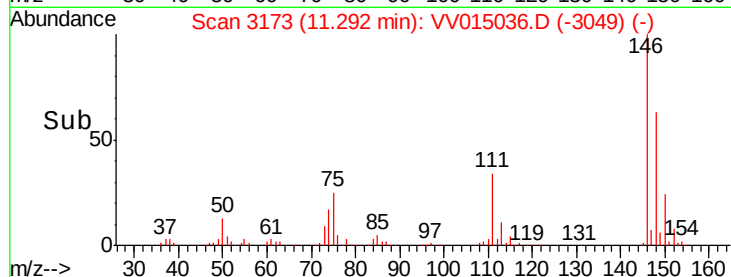
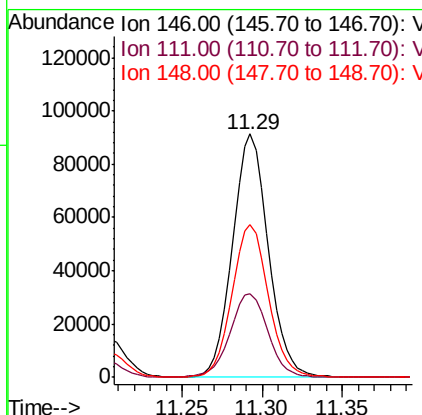
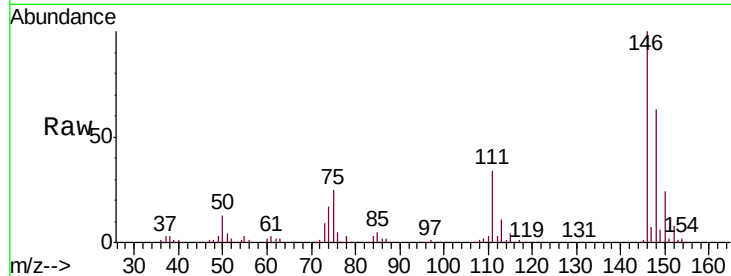




#63
 1,4-Dichlorobenzene
 Concen: 27.032 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

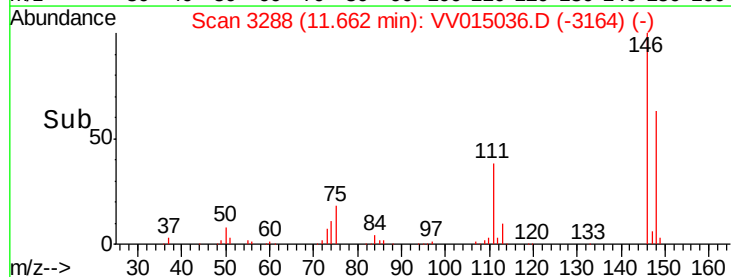
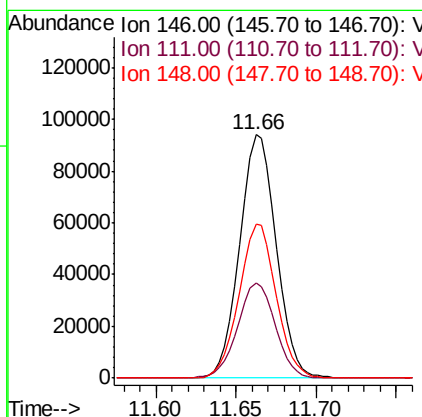
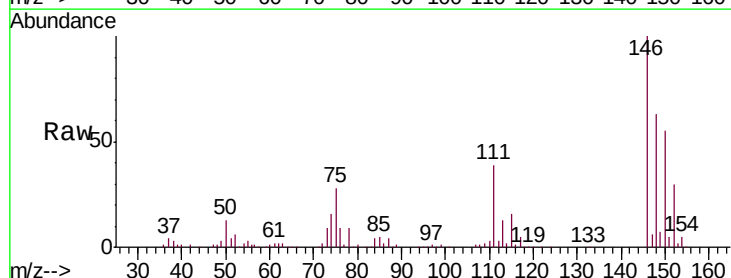
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL8

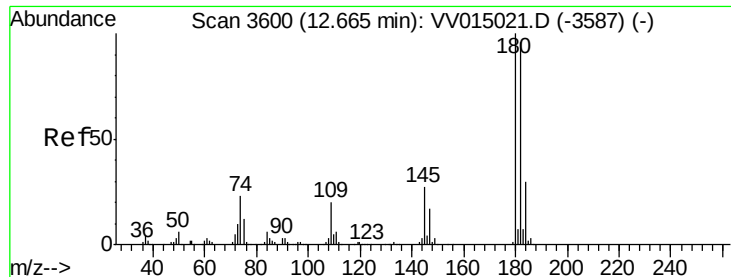
Tgt Ion:146 Resp: 137905
 Ion Ratio Lower Upper
 146 100
 111 34.3 25.8 48.0
 148 62.9 45.7 84.9



#65
 1,2-Dichlorobenzene
 Concen: 28.119 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

Tgt Ion:146 Resp: 146379
 Ion Ratio Lower Upper
 146 100
 111 39.1 31.5 47.3
 148 63.2 51.7 77.5

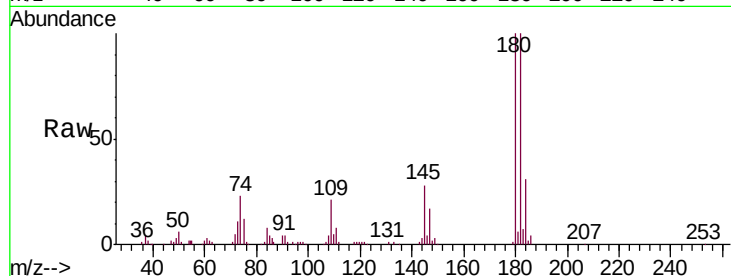




#67
 1,3,5-Trichlorobenzene
 Concen: 29.484 ug/L
 RT: 13.28 min Scan# 3791
 Delta R.T. 0.61 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

Instrument :
 MSVOA_V
 ClientSampled :
 C0DL8

Tgt Ion:	180	Resp:	114332
Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.2	112.8
184	29.8	23.9	35.9
145	27.6	22.0	33.0



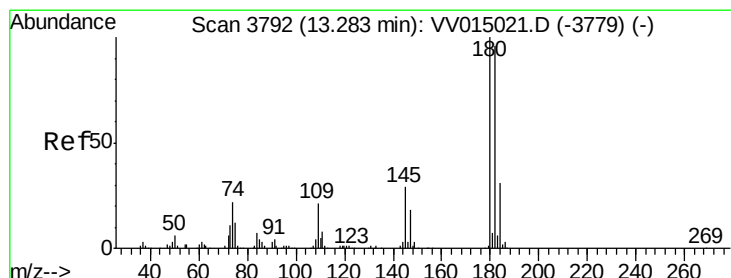
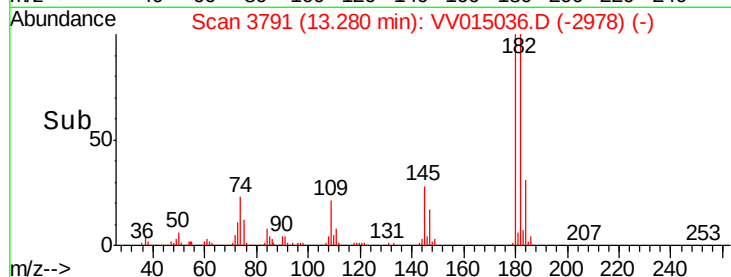
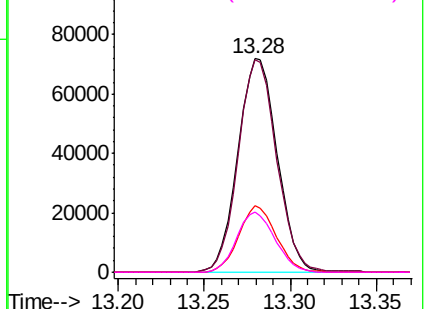
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

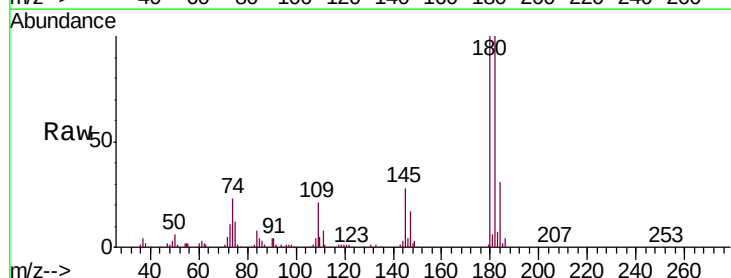
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 32.016 ug/L
 RT: 13.28 min Scan# 3791
 Delta R.T. -0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

Tgt Ion:	180	Resp:	114332
Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.3	114.5
145	27.6	22.2	33.4

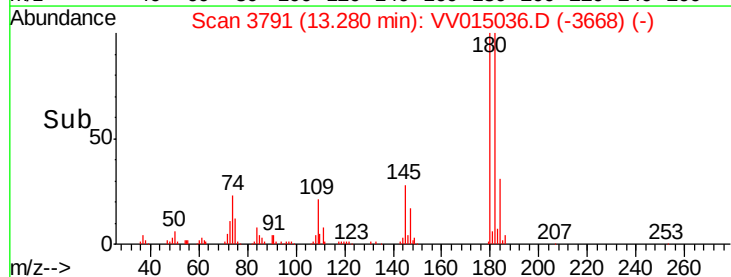
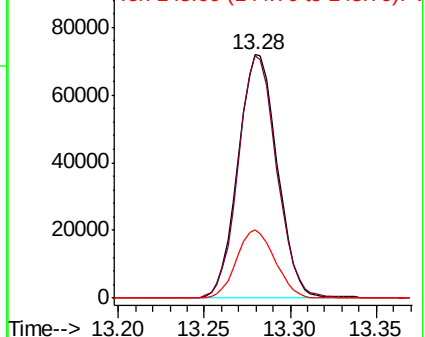


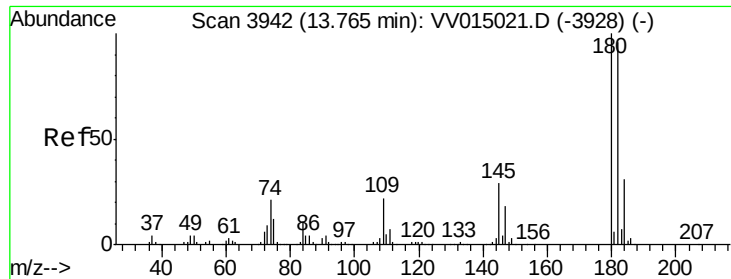
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 10.510 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL8

Tgt Ion:	180	Resp:	36874
Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.5	113.3
145	28.8	23.5	35.3

