

Data File : VV015037.D
Acq On : 19 Mar 2020 00:51
Operator : SY/MD
Sample : L1941-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DL7

Quant Time: Mar 19 04:13:21 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	382132	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	382986	50.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	245367	50.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78992	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.58	69	62829	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.74%
11) 1,1-Dichloroethene-d2	2.12	63	101298	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.38%
21) 2-Butanone-d5	3.93	46	86134	71.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.16%
24) Chloroform-d	4.38	84	193111	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	5.06	65	129539	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
32) Benzene-d6	5.08	84	400705	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
36) 1,2-Dichloropropane-d6	6.09	67	113356	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.26%
41) Toluene-d8	7.34	98	394726	43.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.28%
43) trans-1,3-Dichloropropene-	7.64	79	56937	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.12%
47) 2-Hexanone-d5	8.12	63	100519	82.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.04%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	167262	41.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	224990	45.68	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%

Target Compounds

						Qvalue
13) Acetone	2.20	43	1602	1.591	ug/L	95
25) Chloroform	4.40	83	30277	6.750	ug/L	97
27) 1,2-Dichloroethane	5.13	62	185852	55.484	ug/L #	73
29) Cyclohexane	4.70	56	9114	2.651	ug/L #	86
31) Carbon tetrachloride	4.86	117	63149	17.008	ug/L	97
33) Benzene	5.13	78	19480623	2077.885	ug/L	100
35) Methylcyclohexane	6.15	83	5151	1.278	ug/L #	53
46) Tetrachloroethene	8.00	164	6245	2.590	ug/L	98
48) 2-Hexanone	8.12	43	10450	4.454	ug/L #	77
62) 1,3-Dichlorobenzene	11.21	146	6136312	830.850	ug/L	99
63) 1,4-Dichlorobenzene	11.21	146	6136312	798.190	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.42	75	46789	42.678	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.67	180	10290	1.761	ug/L	97
69) Naphthalene	13.53	128	6988	0.995	ug/L #	87
70) 1,2,3-Trichlorobenzene	13.77	180	4938963	934.190	ug/L	98

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

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Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

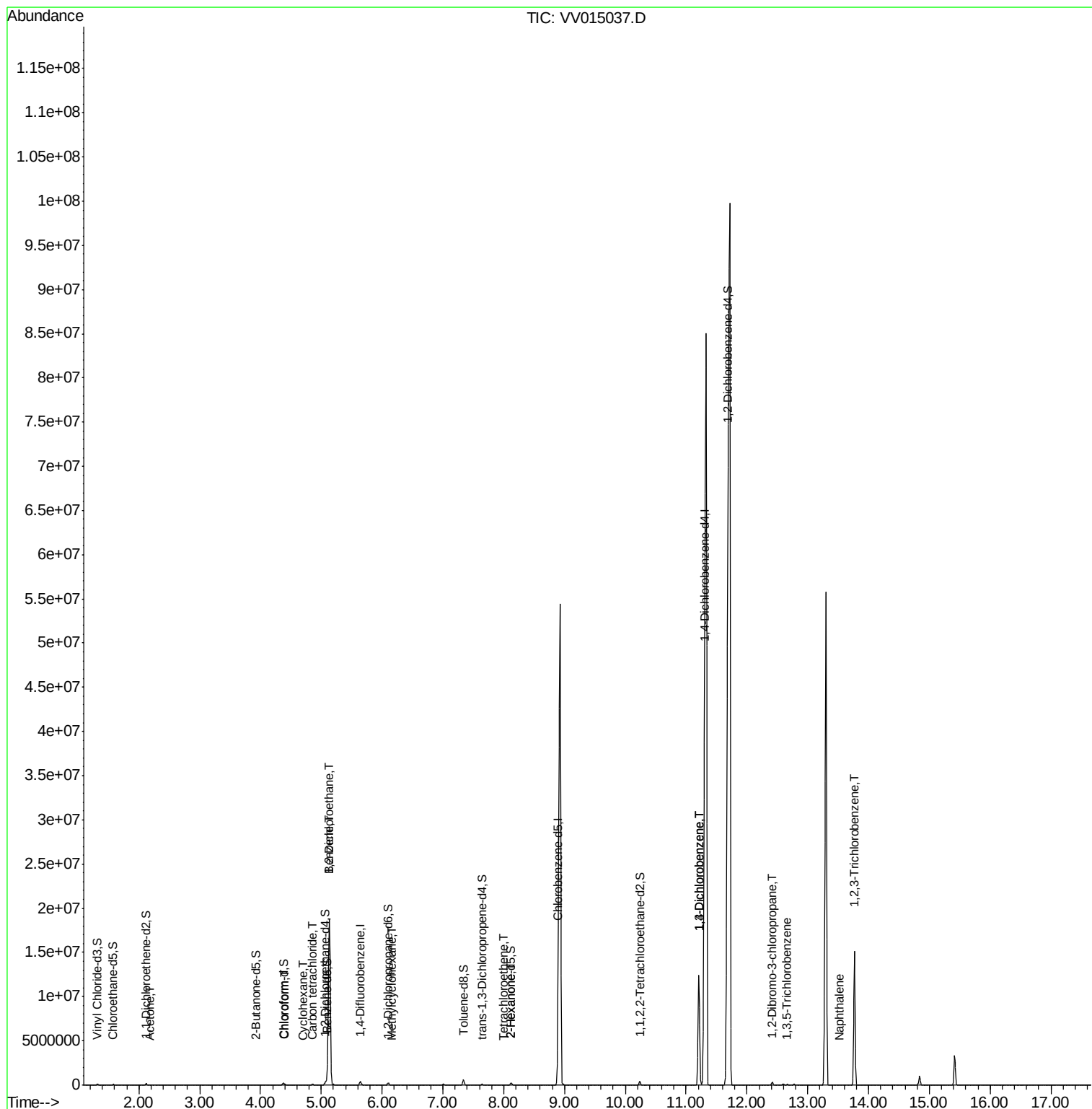
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

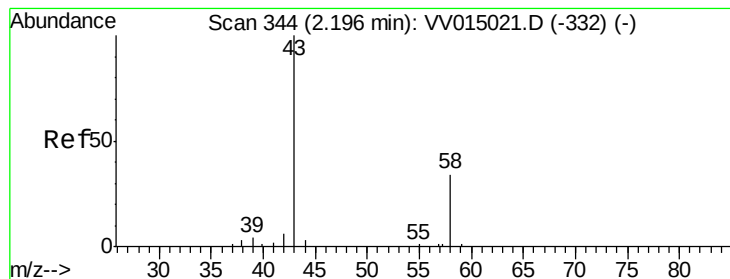
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#13

Acetone

Concen: 1.591 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV015037.D

Acq: 19 Mar 2020 00:51

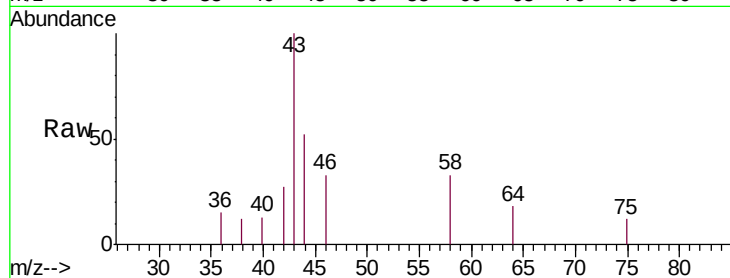
Instrument :
MSVOA_V
ClientSampleId :
C0DL7

Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

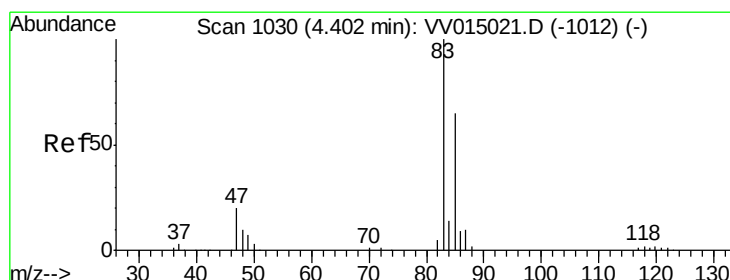
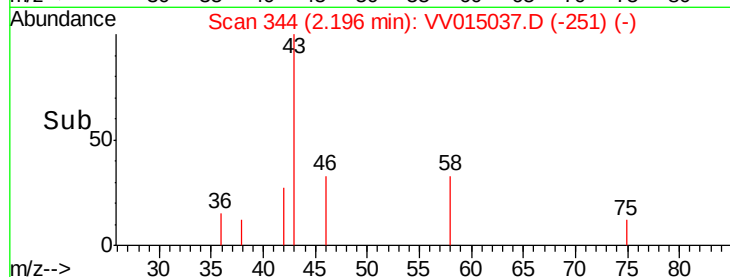
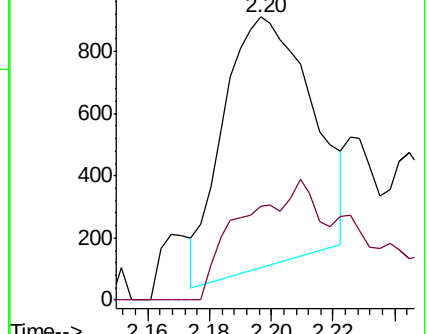
43 100

58 24.2 0.0 43.2



Abundance Ion 43.00 (42.70 to 43.70): VV015021.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV015021.D (-332) (-)



#25

Chloroform

Concen: 6.750 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015037.D

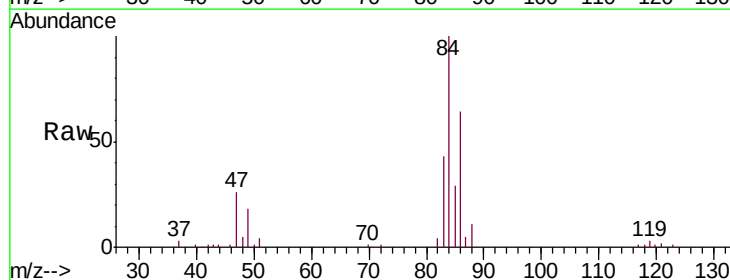
Acq: 19 Mar 2020 00:51

Tgt Ion: 83 Resp: 30277

Ion Ratio Lower Upper

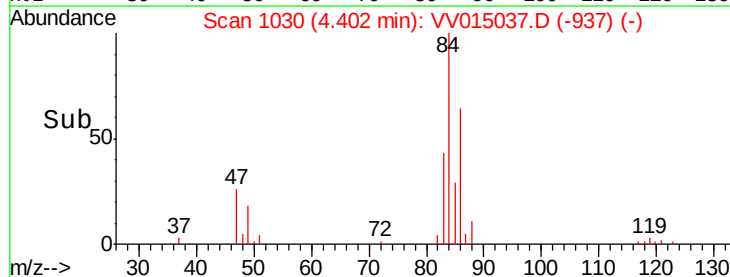
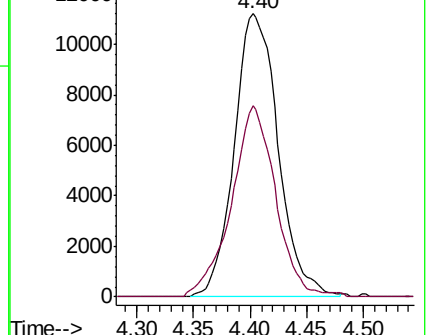
83 100

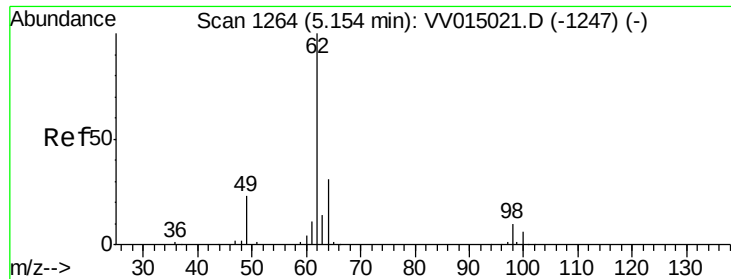
85 67.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VV015021.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV015021.D (-1012) (-)

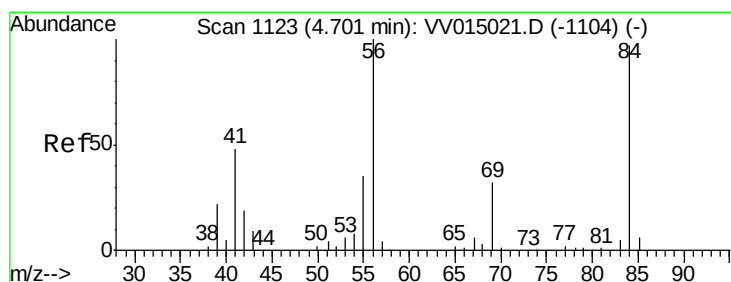
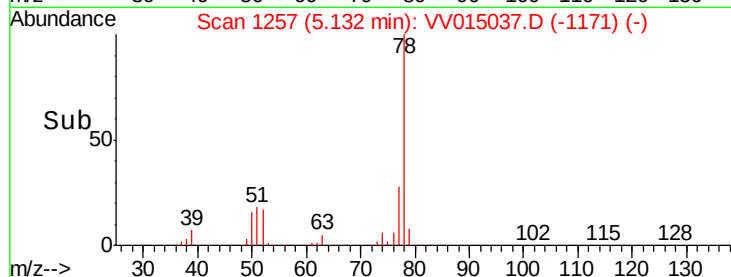
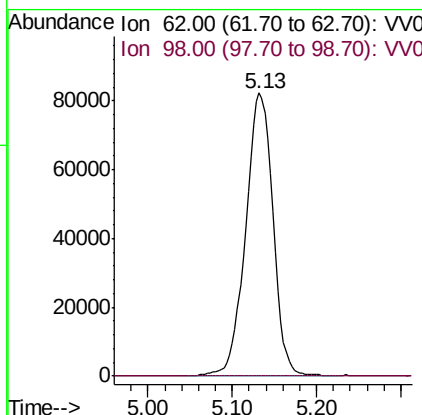
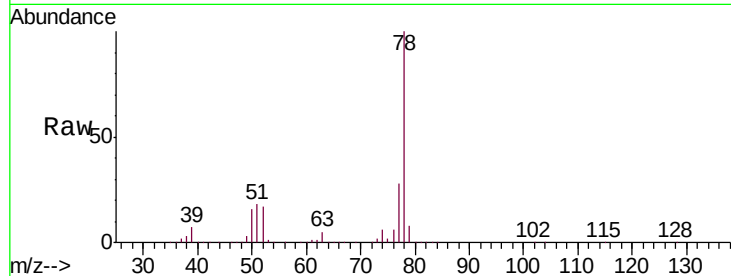




#27
 1,2-Dichloroethane
 Concen: 55.484 ug/L
 RT: 5.13 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

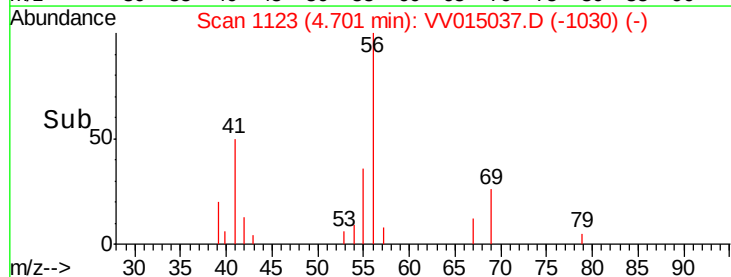
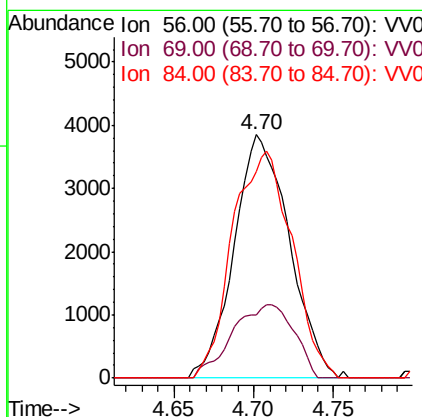
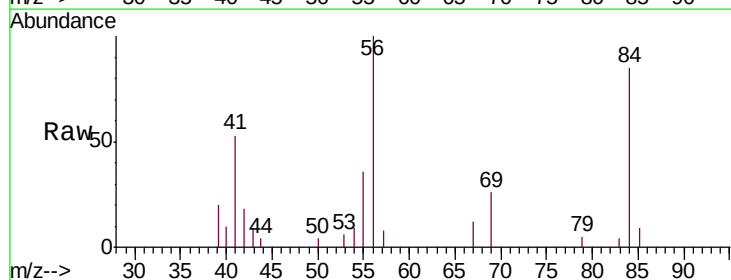
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL7

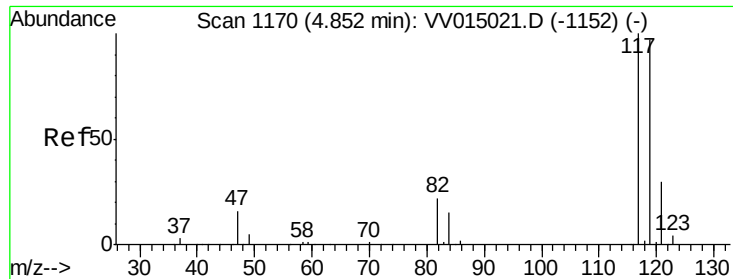
Tgt Ion: 62 Resp: 185852
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#



#29
 Cyclohexane
 Concen: 2.651 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

Tgt Ion: 56 Resp: 9114
 Ion Ratio Lower Upper
 56 100
 69 0.0 25.8 38.6#
 84 100.5 80.0 120.0





#31

Carbon tetrachloride

Concen: 17.008 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV015037.D

Acq: 19 Mar 2020 00:51

Instrument :

MSVOA_V

ClientSampleId :

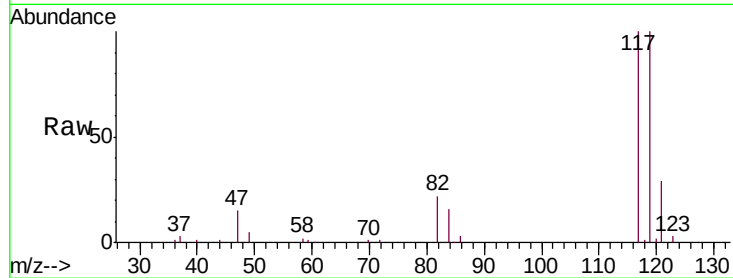
C0DL7

Tgt Ion:117 Resp: 63149

Ion Ratio Lower Upper

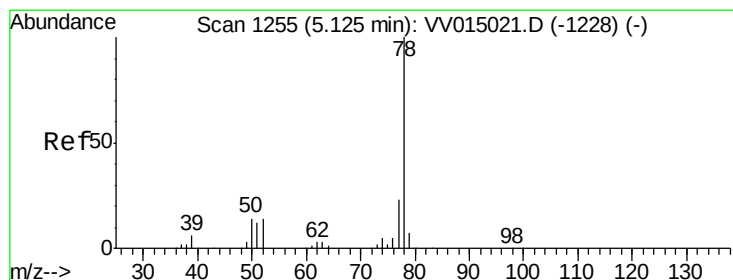
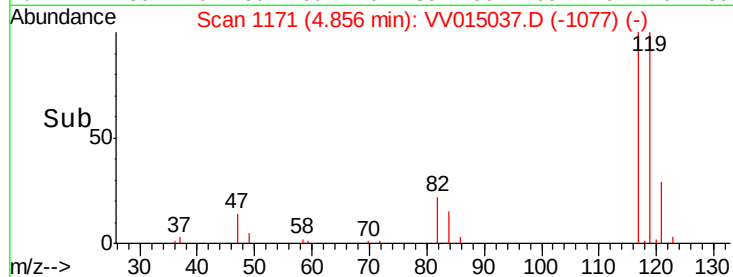
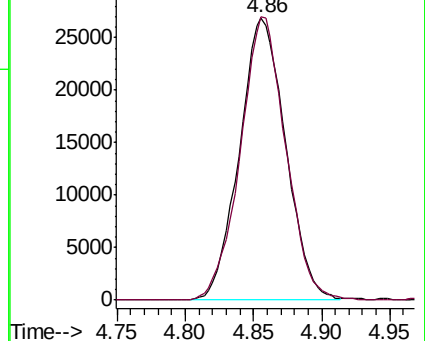
117 100

119 98.6 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 2077.885 ug/L

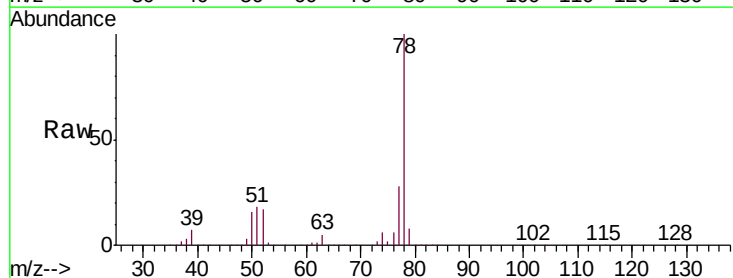
RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

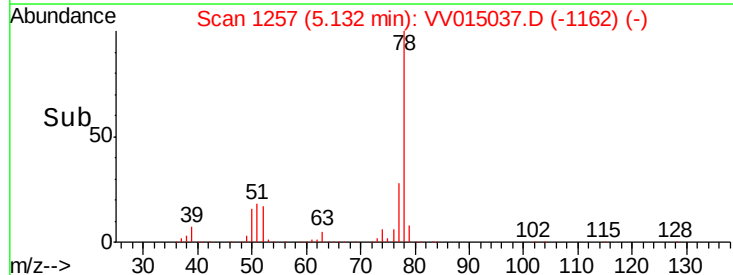
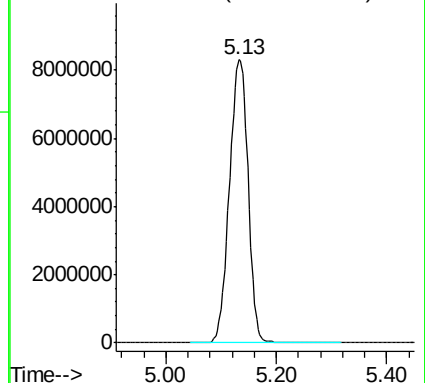
Lab File: VV015037.D

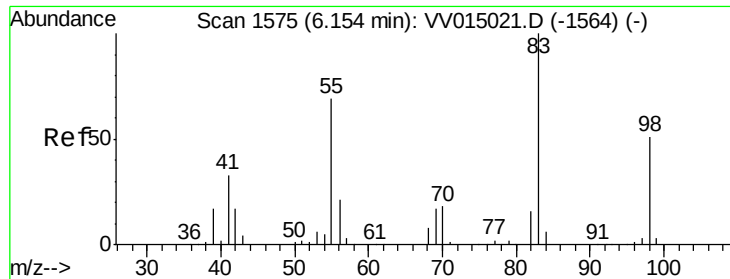
Acq: 19 Mar 2020 00:51

Tgt Ion: 78 Resp:19480623



Abundance Ion 78.00 (77.70 to 78.70): VV0

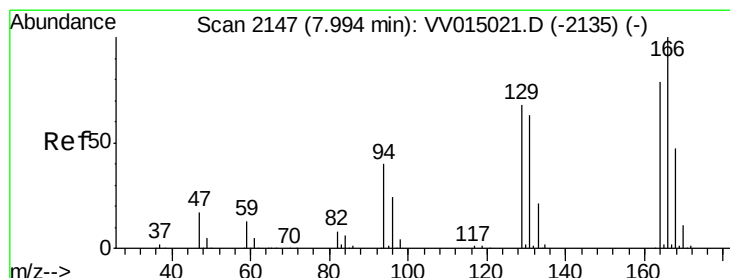
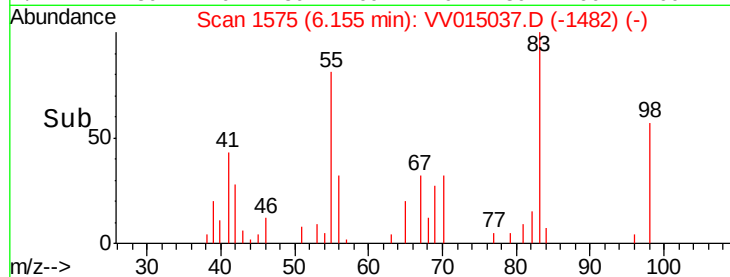
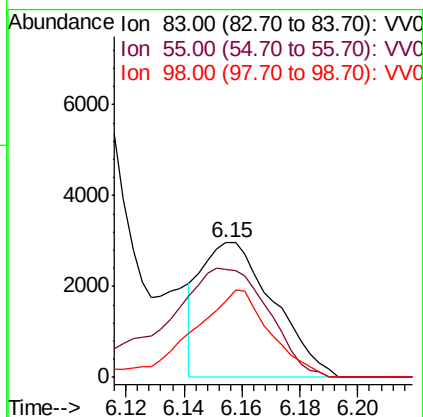
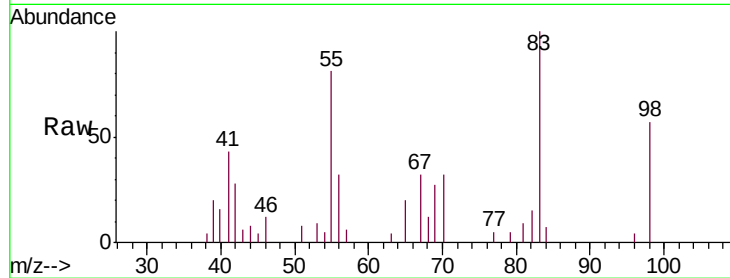




#35
Methylcyclohexane
Concen: 1.278 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV015037.D
Acq: 19 Mar 2020 00:51

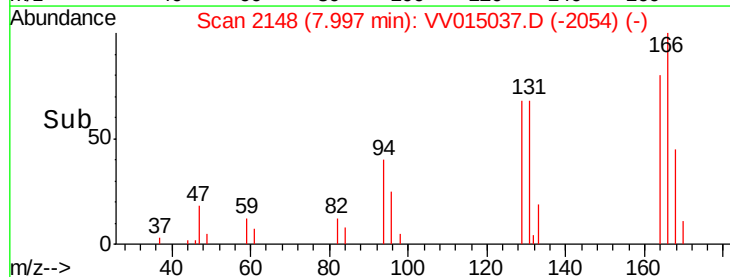
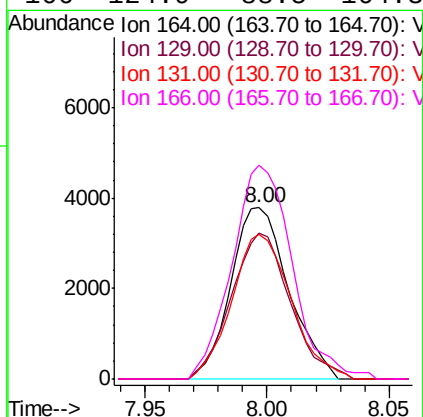
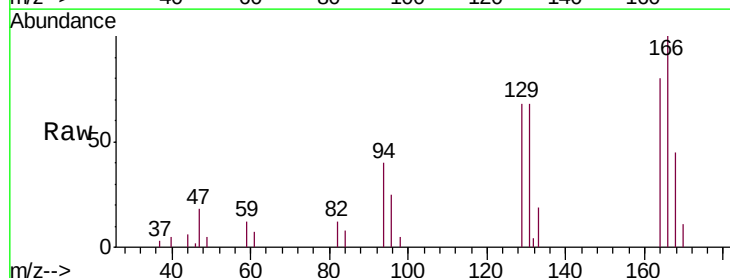
Instrument :
MSVOA_V
ClientSampled :
C0DL7

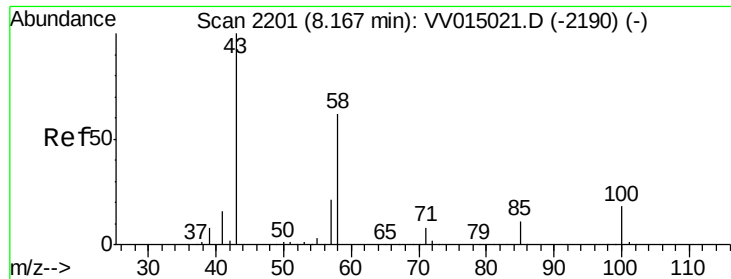
Tgt Ion: 83 Resp: 5151
Ion Ratio Lower Upper
83 100
55 121.6 55.4 83.0#
98 66.6 40.6 61.0#



#46
Tetrachloroethene
Concen: 2.590 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015037.D
Acq: 19 Mar 2020 00:51

Tgt Ion: 164 Resp: 6245
Ion Ratio Lower Upper
164 100
129 85.5 60.4 112.2
131 84.6 57.0 105.8
166 124.9 88.5 164.3

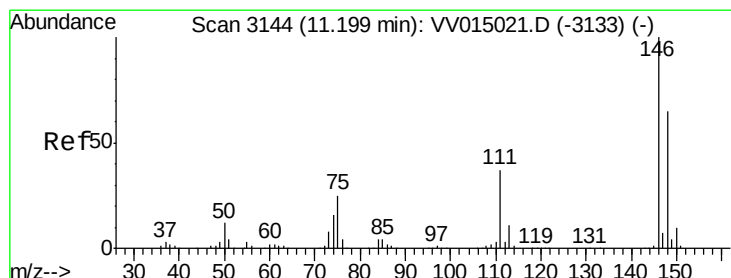
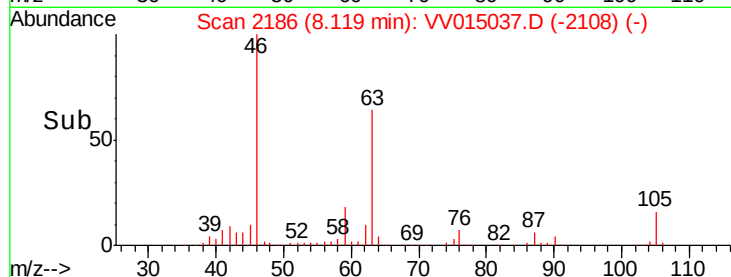
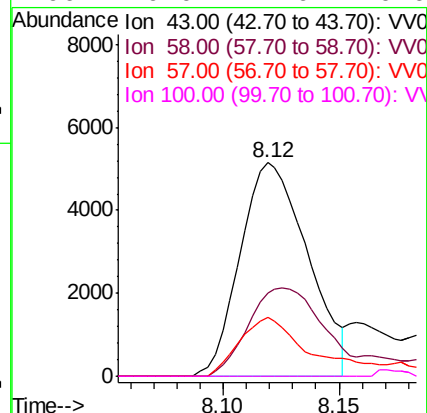
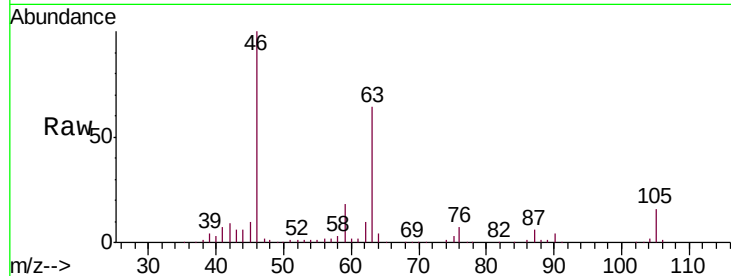




#48
 2-Hexanone
 Concen: 4.454 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.05 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

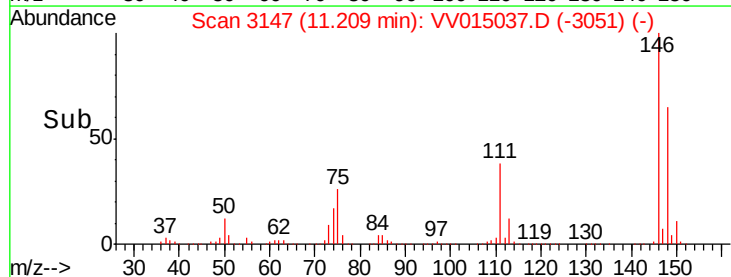
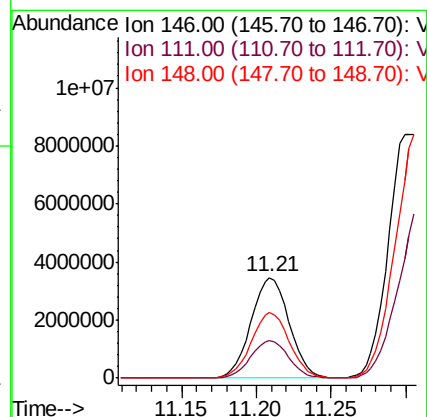
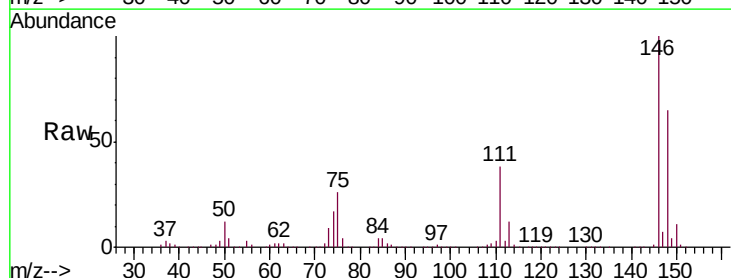
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 ClientSampleId :
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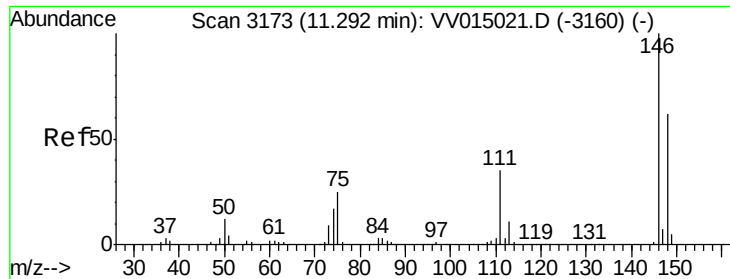
Tgt Ion: 43 Resp: 10450
 Ion Ratio Lower Upper
 43 100
 58 45.7 48.2 72.2#
 57 29.3 15.8 23.6#
 100 0.0 12.6 19.0#



#62
 1,3-Dichlorobenzene
 Concen: 830.850 ug/L
 RT: 11.21 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

Tgt Ion: 146 Resp: 6136312
 Ion Ratio Lower Upper
 146 100
 111 37.9 25.7 47.7
 148 65.0 45.4 84.4

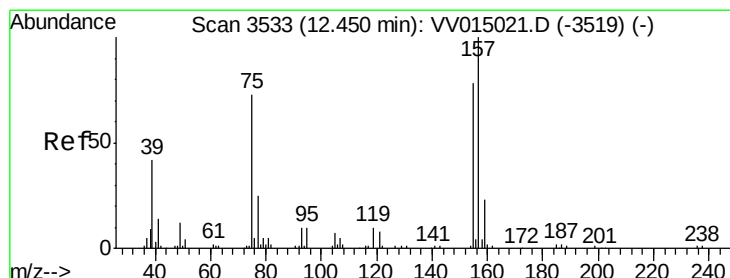
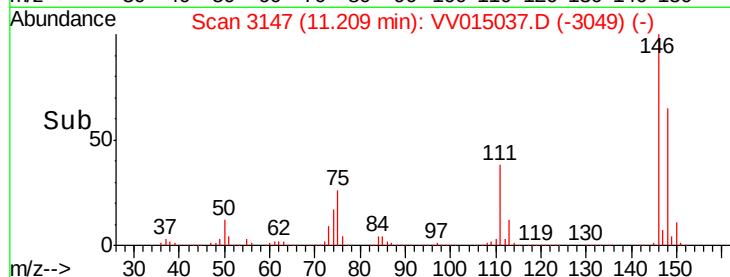
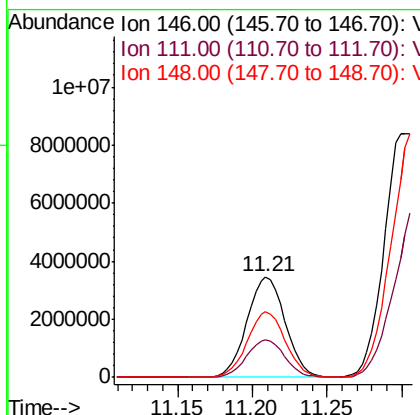
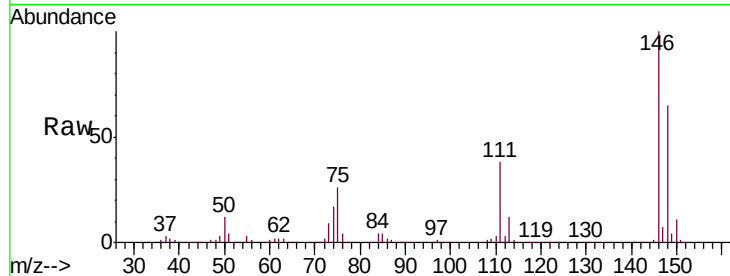




#63
 1,4-Dichlorobenzene
 Concen: 798.190 ug/L
 RT: 11.21 min Scan# 3147
 Delta R.T. -0.08 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

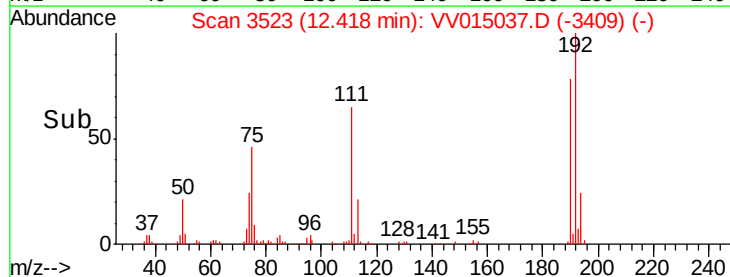
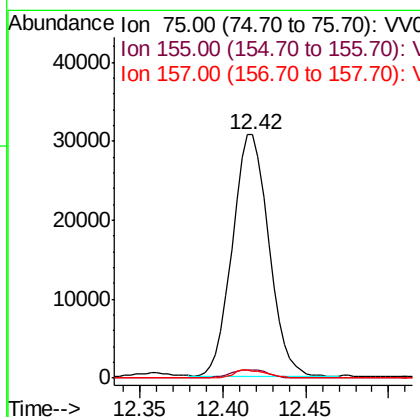
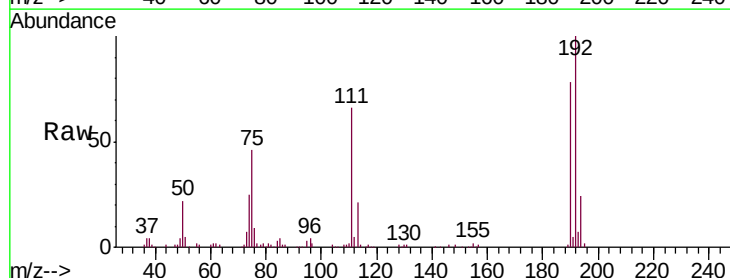
Instrument :
 MSVOA_V
 ClientSampled :
 C0DL7

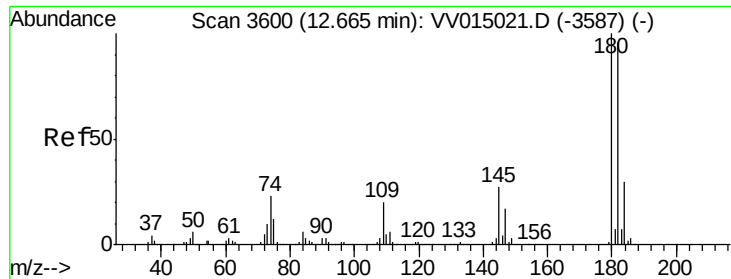
Tgt Ion:146 Resp: 6136312
 Ion Ratio Lower Upper
 146 100
 111 37.9 25.8 48.0
 148 65.0 45.7 84.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 42.678 ug/L
 RT: 12.42 min Scan# 3523
 Delta R.T. -0.03 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

Tgt Ion: 75 Resp: 46789
 Ion Ratio Lower Upper
 75 100
 155 3.5 80.6 121.0#
 157 3.0 104.6 157.0#

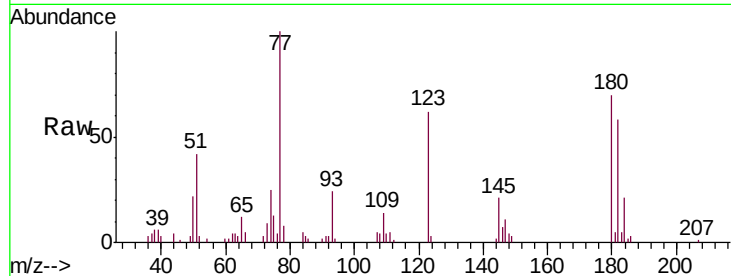




#67
 1,3,5-Trichlorobenzene
 Concen: 1.761 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

Instrument :
 MSVOA_V
 ClientSampled :
 C0DL7

Tgt Ion:	180	Resp:	10290
Ion	Ratio	Lower	Upper
180	100		
182	91.2	75.2	112.8
184	31.0	23.9	35.9
145	29.3	22.0	33.0



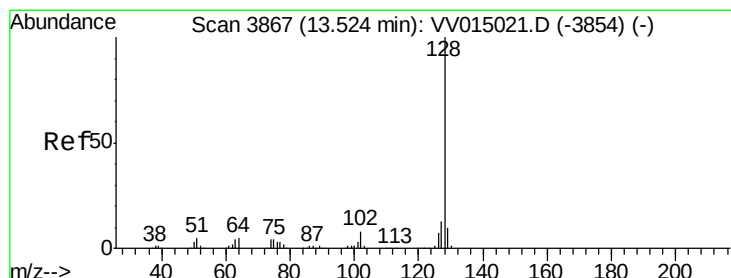
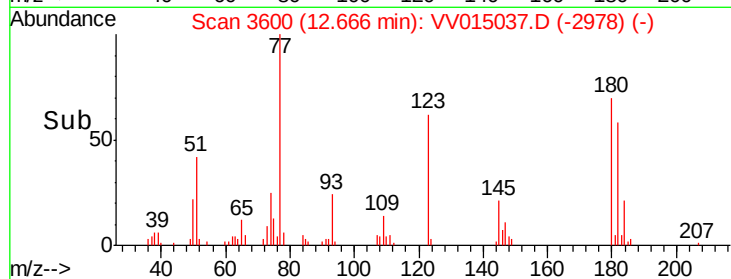
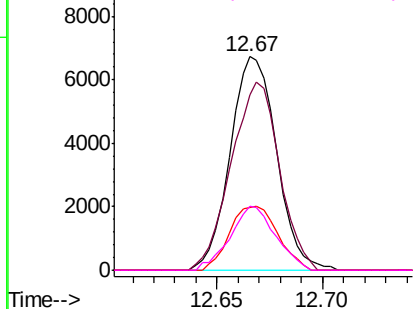
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

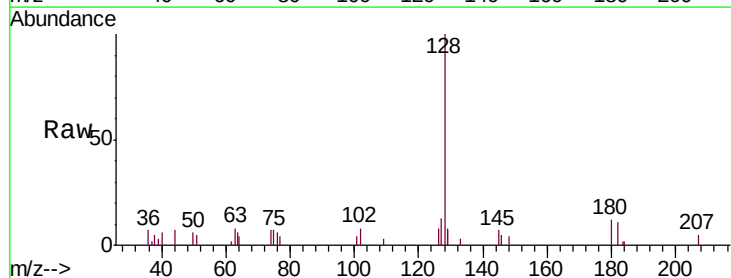
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#69
 Naphthalene
 Concen: 0.995 ug/L
 RT: 13.53 min Scan# 3868
 Delta R.T. 0.00 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

Tgt Ion:	128	Resp:	6988
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.1	15.1
129	1.2	8.6	13.0#

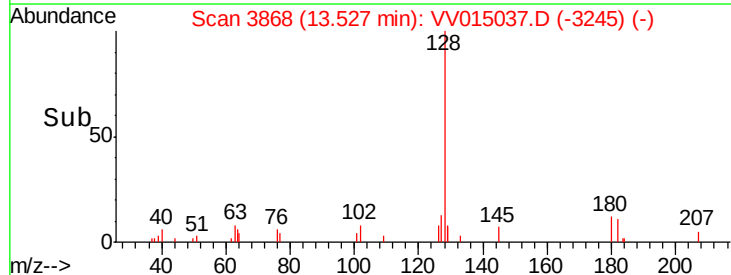
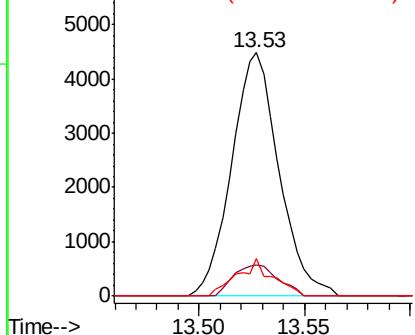


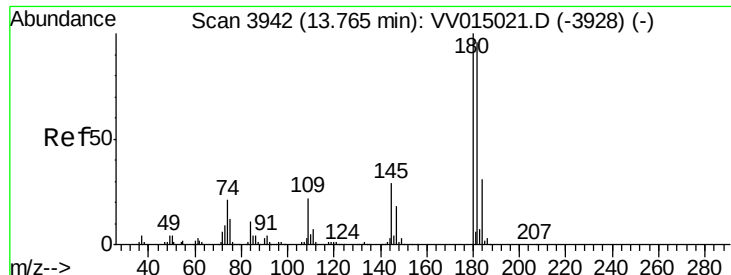
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

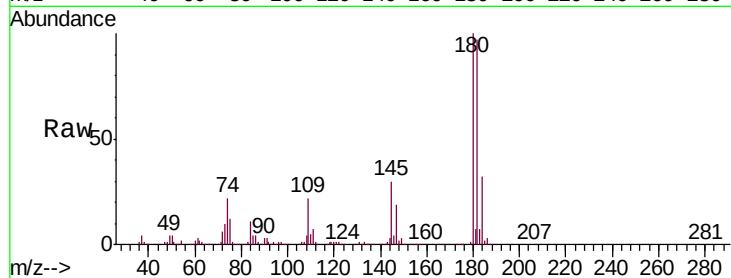




#70
 1,2,3-Trichlorobenzene
 Concen: 934.190 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015037.D
 Acq: 19 Mar 2020 00:51

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL7

Tgt Ion:180 Resp: 4938963
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.5 113.3
 145 29.8 23.5 35.3



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

