

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030320\
 Data File : VN060334.D
 Acq On : 3 Mar 2020 16:57
 Operator : JC/MD
 Sample : L1757-01
 Misc : 6.96µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 04 01:16:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	296682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182576	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	116411	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
35) Dibromofluoromethane	7.56	113	49057	35.62	ug/l	0.00
Spiked Amount			Recovery	=	71.24%	
50) Toluene-d8	10.08	98	375864	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.40	95	181491	68.69	ug/l	0.00
Spiked Amount			Recovery	=	137.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	3411	1.160	ug/l	98
5) Bromomethane	2.57	94	96	Below Cal	#	17
10) Methyl Iodide	3.91	142	1398	0.840	ug/l #	58
12) 1,1-Dichloroethene	3.52	96	60	Below Cal	#	1
16) Acetone	3.79	43	336	0.440	ug/l #	44
18) Methyl Acetate	4.30	43	4367	1.715	ug/l #	83
20) Methylene Chloride	4.52	84	868	0.414	ug/l #	78
25) 2-Butanone	6.81	43	1998	1.621	ug/l #	49
36) 1,1-Dichloropropene	7.64	75	14128	4.997	ug/l #	51
37) Ethyl Acetate	6.81	43	1998	0.746	ug/l #	68
38) Carbon Tetrachloride	7.64	117	17912	6.507	ug/l #	16
39) Methylcyclohexane	9.06	83	12064	3.619	ug/l	92
43) Isopropyl Acetate	8.21	43	1678	0.358	ug/l #	55
48) Methyl methacrylate	9.13	41	788	0.369	ug/l #	22
51) 4-Methyl-2-Pentanone	10.07	43	4860	1.829	ug/l #	54
52) Toluene	10.14	92	27203	5.262	ug/l	100
53) t-1,3-Dichloropropene	10.23	75	4265	1.226	ug/l #	58
54) cis-1,3-Dichloropropene	9.58	75	2225	0.617	ug/l #	31
55) 1,1,2-Trichloroethane	10.52	97	25418	12.227	ug/l #	20
56) Ethyl methacrylate	10.42	69	6680	2.237	ug/l #	1
59) 2-Hexanone	10.71	43	57790	29.618	ug/l #	29
65) Chlorobenzene	11.54	112	5085	0.876	ug/l #	43
67) Ethyl Benzene	11.51	91	222107	21.006	ug/l	100
68) m/p-Xylenes	11.61	106	369300	92.575	ug/l	99
69) o-Xylene	11.94	106	251250	66.048	ug/l	100
70) Styrene	11.94	104	12065	1.929	ug/l #	1
73) Isopropylbenzene	12.25	105	170110	12.571	ug/l	99
74) N-amyl acetate	12.04	43	272712	46.119	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.45	83	35643	9.690	ug/l #	48
76) 1,2,3-Trichloropropane	12.59	75	4745	1.185	ug/l #	100
78) n-propylbenzene	12.59	91	734375	46.297	ug/l	100
79) 2-Chlorotoluene	12.65	91	226041	24.242	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	1293024	113.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.24	75	2549	1.757	ug/l #	49

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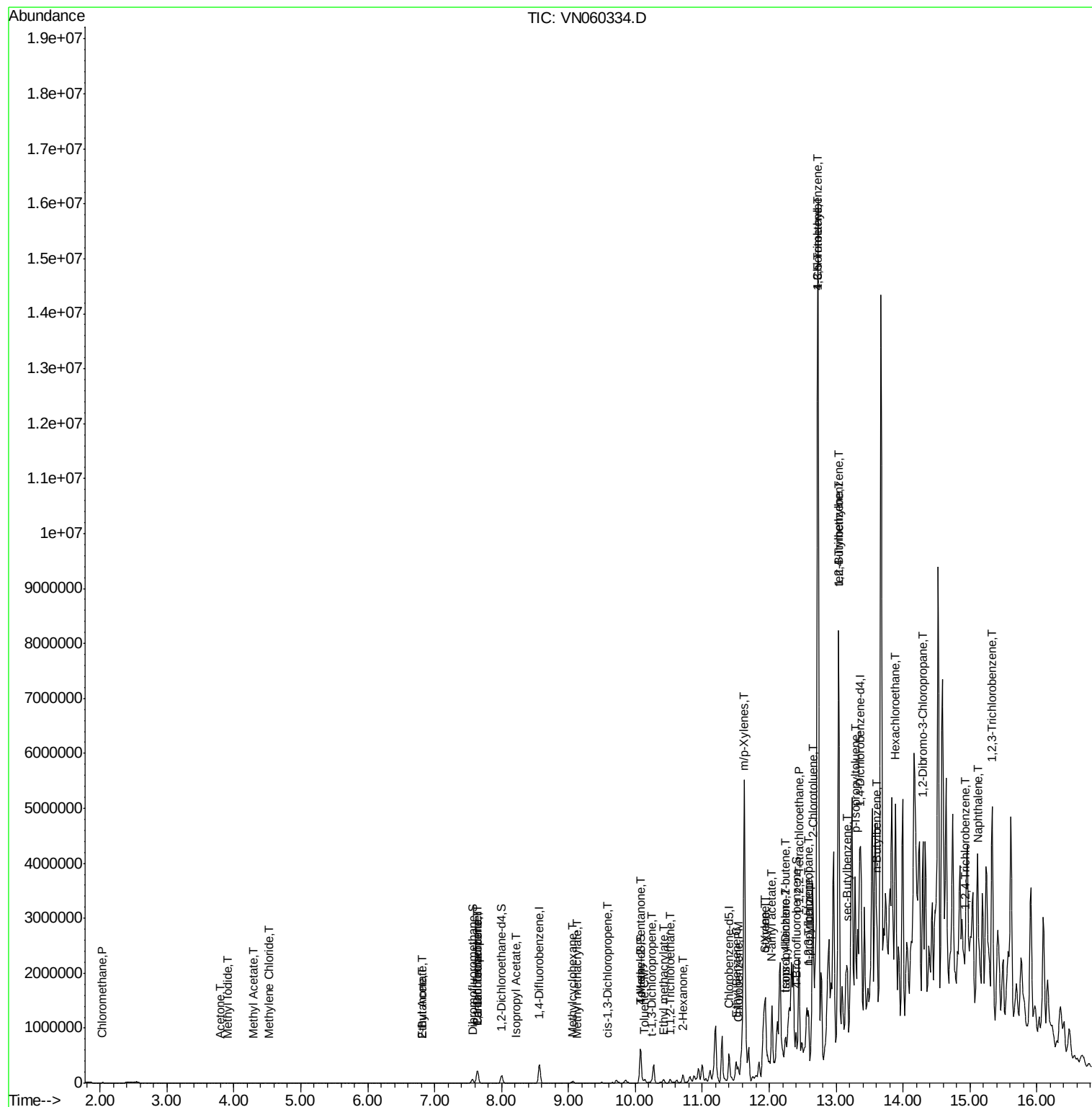
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.73	91	143496	14.607	ug/l #	50
83) tert-Butylbenzene	13.04	119	508661	51.564	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.04	105	3650731	317.453	ug/l	90
85) sec-Butylbenzene	13.17	105	427708	32.378	ug/l	79
86) p-Isopropyltoluene	13.29	119	347267	28.403	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	156	Below Cal	#	1
88) 1,4-Dichlorobenzene	13.36	146	136	Below Cal	#	1
89) n-Butylbenzene	13.61	91	748337	66.676	ug/l #	78
90) Hexachloroethane	13.89	117	131913	74.538	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.29	75	4938	5.928	ug/l #	26
93) 1,2,4-Trichlorobenzene	14.92	180	2764	0.835	ug/l #	1
95) Naphthalene	15.13	128	206079	18.774	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.34	180	7623	2.017	ug/l #	1

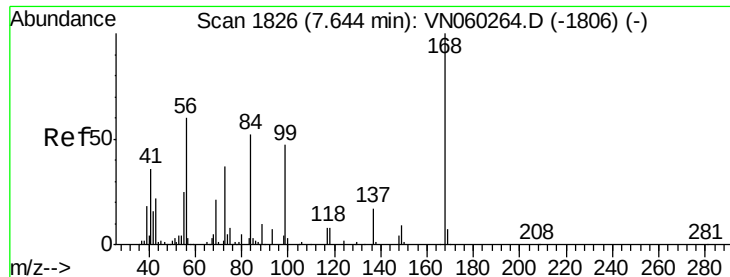
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

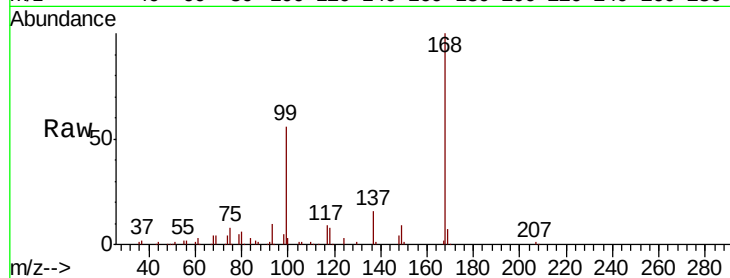
ClientSampleId :

Tot Ion:168 Resp: 184198

Ion Ratio Lower Upper

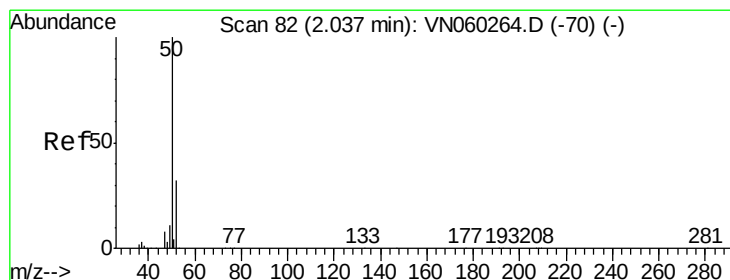
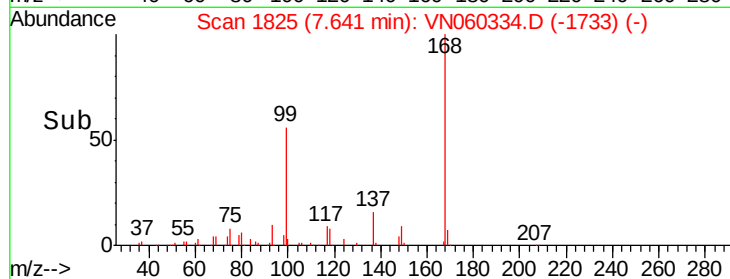
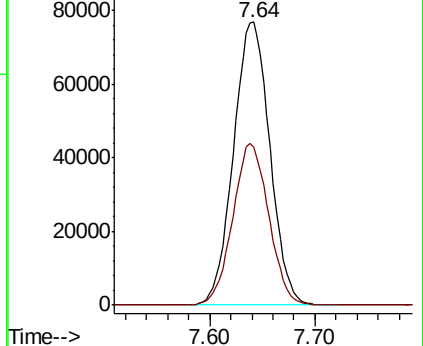
168 100

99 56.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 1.160 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN060334.D

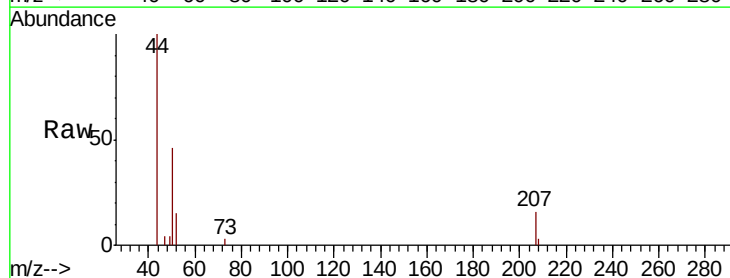
Acq: 3 Mar 2020 16:57

Tgt Ion: 50 Resp: 3411

Ion Ratio Lower Upper

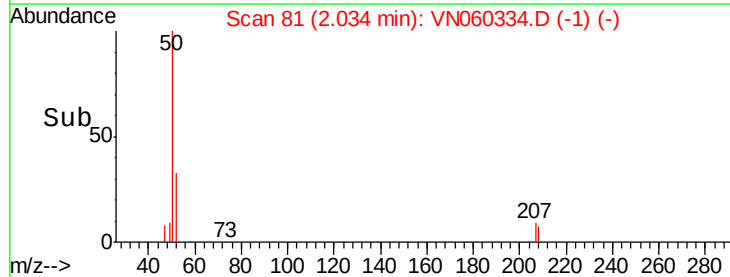
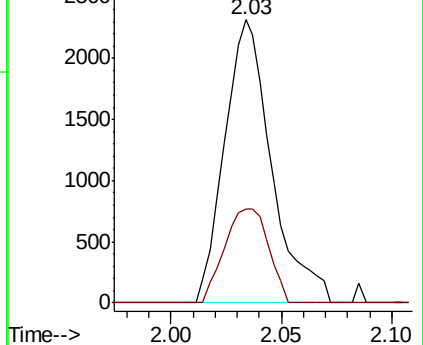
50 100

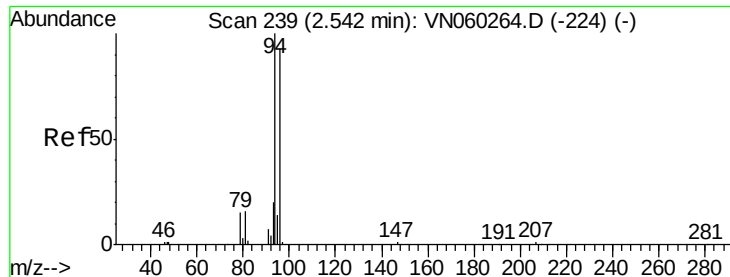
52 33.1 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.03 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

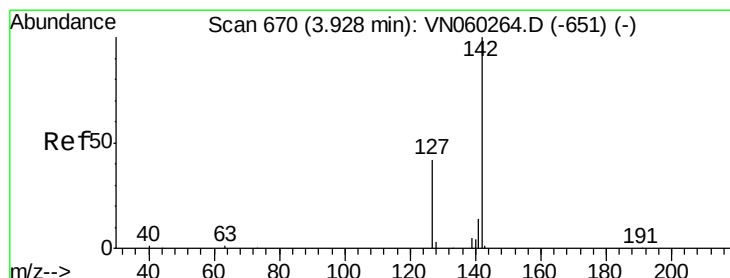
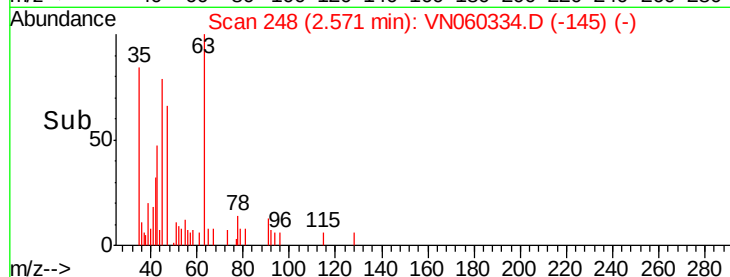
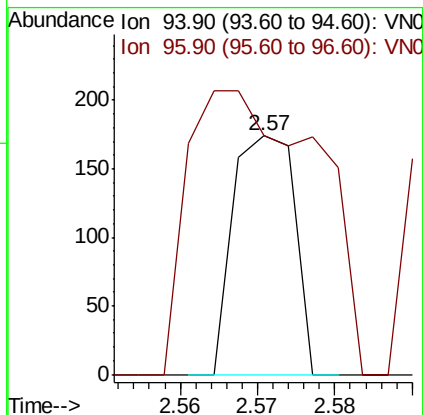
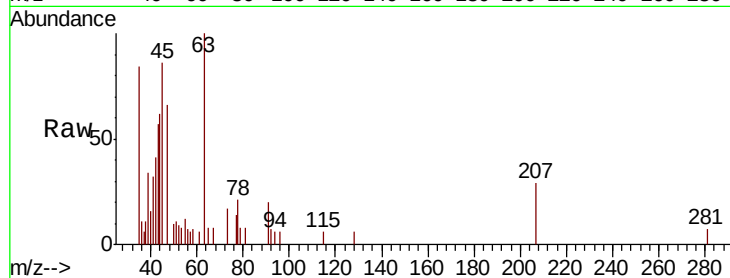
ClientSampleId :

Tot Ion: 94 Resp: 96

Ion Ratio Lower Upper

94 100

96 13.2 74.3 111.5#



#10

Methyl Iodide

Concen: 0.840 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.02 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

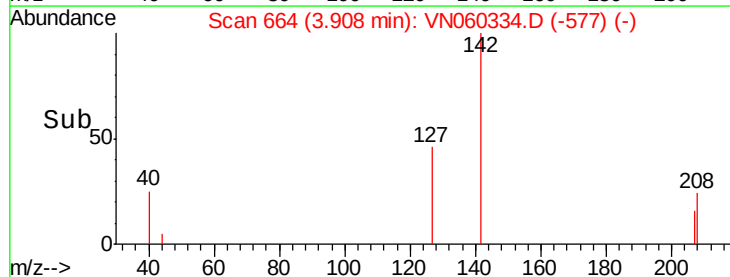
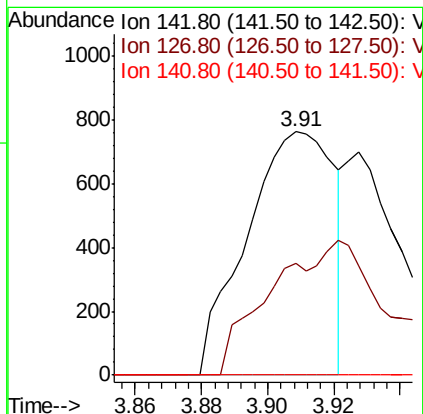
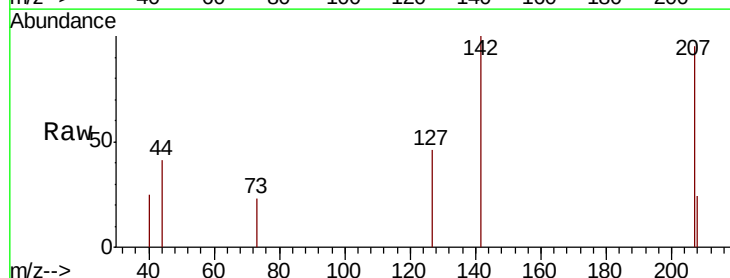
Tgt Ion: 142 Resp: 1398

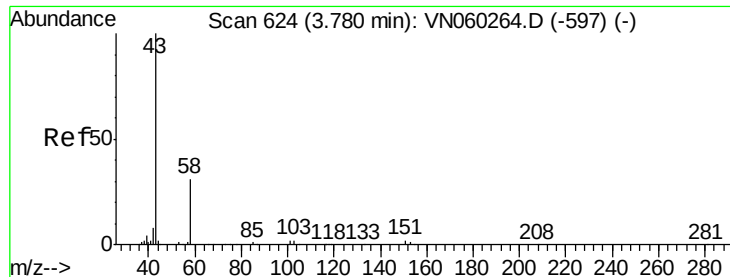
Ion Ratio Lower Upper

142 100

127 70.7 33.8 50.6#

141 0.0 11.1 16.7#





#16

Acetone

Concen: 0.440 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

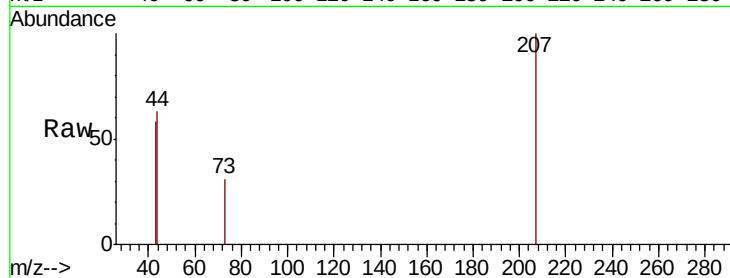
ClientSampleId :

Tot Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

58 0.0 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

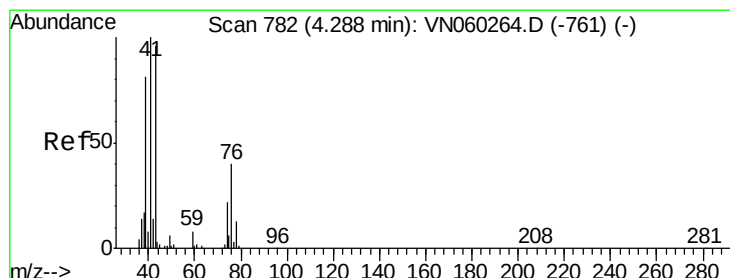
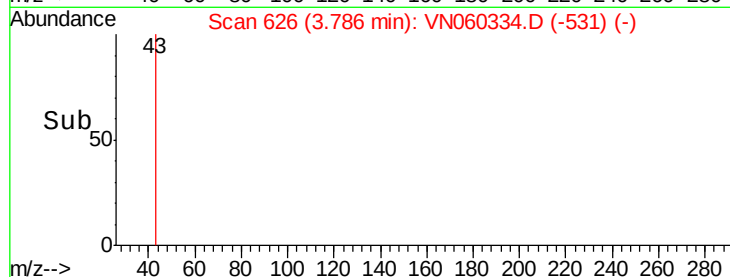
300

200

100

0

Time--> 3.76 3.77 3.78 3.79 3.80



#18

Methyl Acetate

Concen: 1.715 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN060334.D

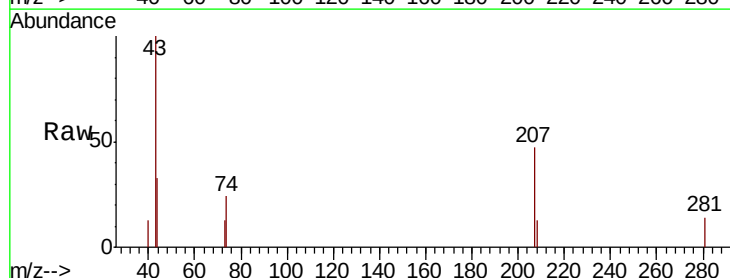
Acq: 3 Mar 2020 16:57

Tgt Ion: 43 Resp: 4367

Ion Ratio Lower Upper

43 100

74 15.3 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

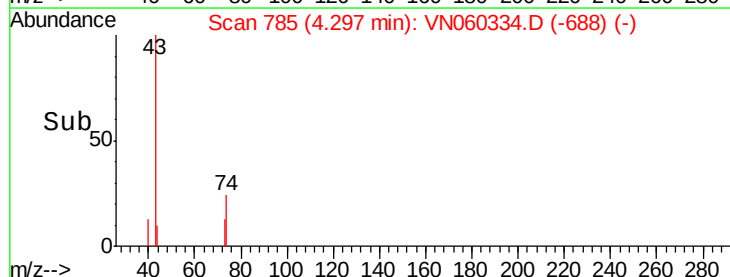
4.30

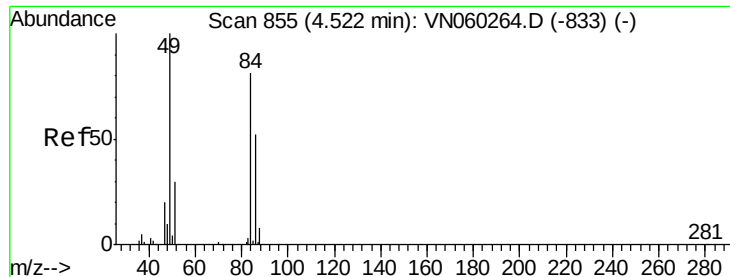
1000

500

0

Time--> 4.20 4.25 4.30 4.35 4.40

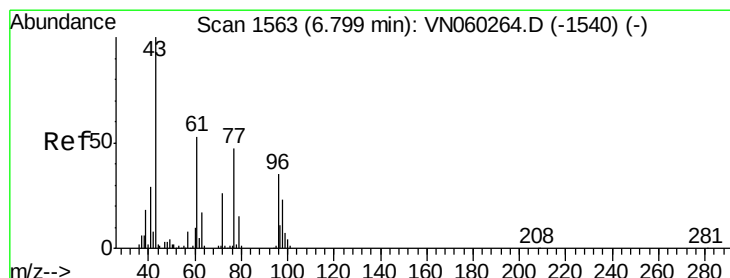
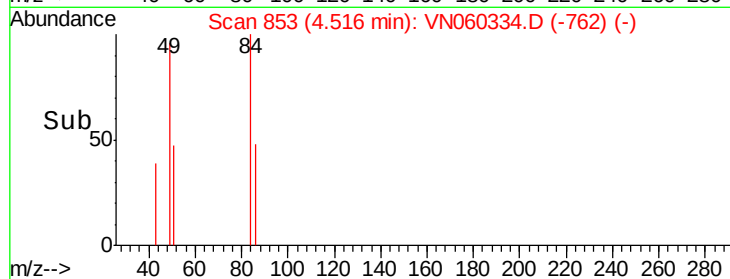
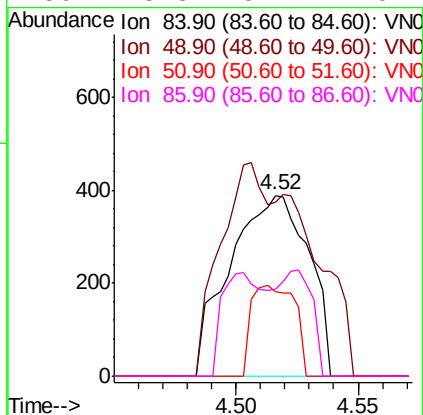
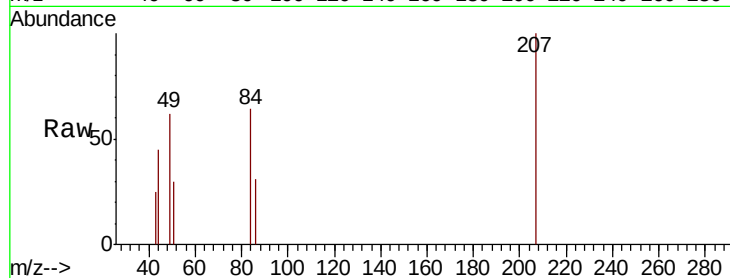




#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

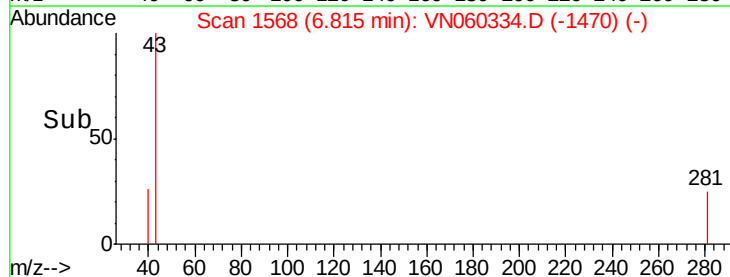
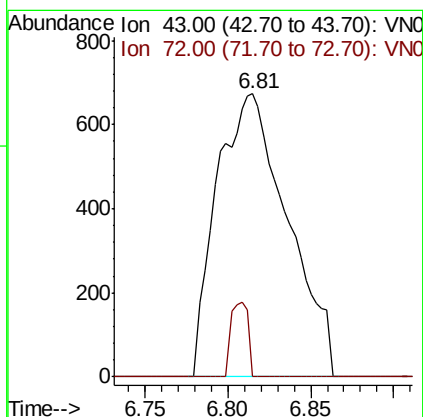
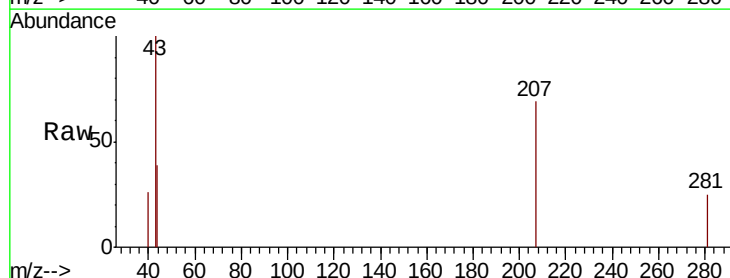
Instrument :
MSVOA_N
ClientSampleId :

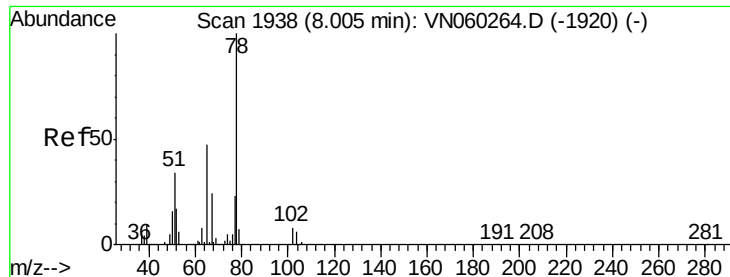
Tot Ion: 84 Resp: 868
Ion Ratio Lower Upper
84 100
49 96.1 99.3 148.9#
51 47.0 30.1 45.1#
86 48.3 51.1 76.7#



#25
2-Butanone
Concen: 1.621 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.02 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#

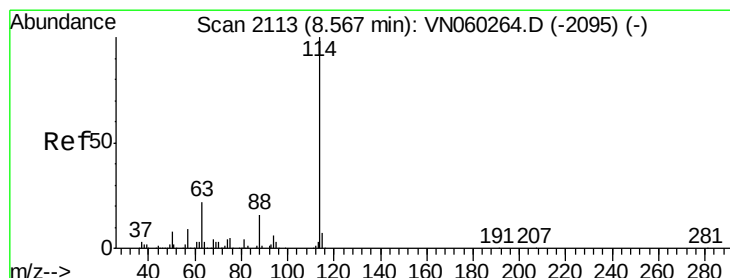
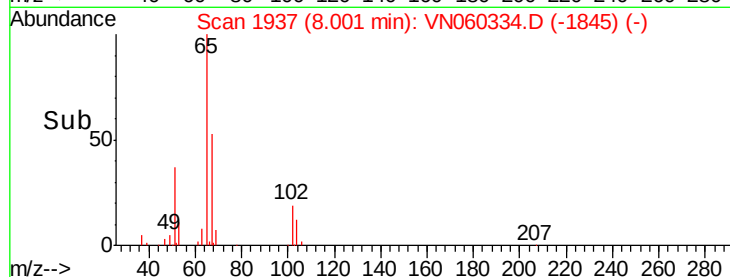
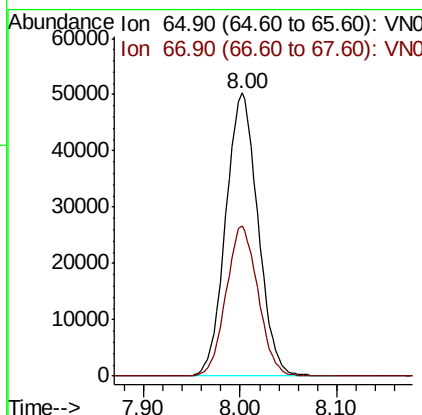
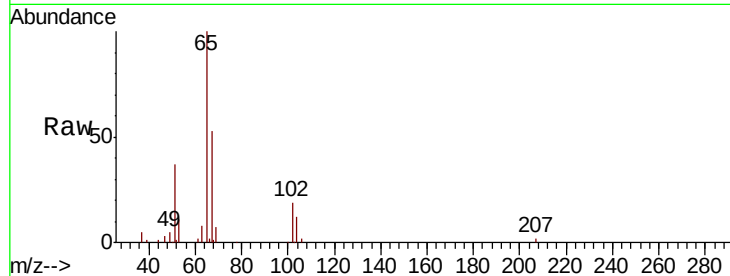




#33
 1,2-Dichloroethane-d4
 Concen: 49.258 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

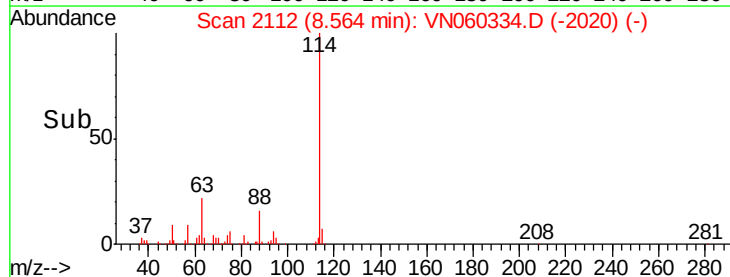
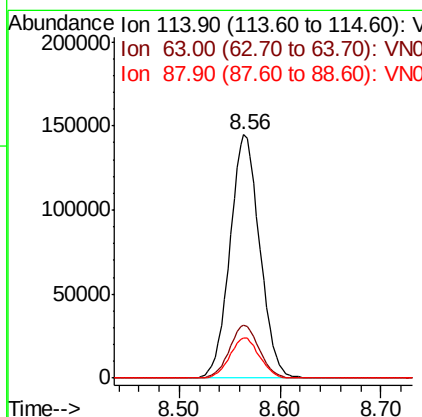
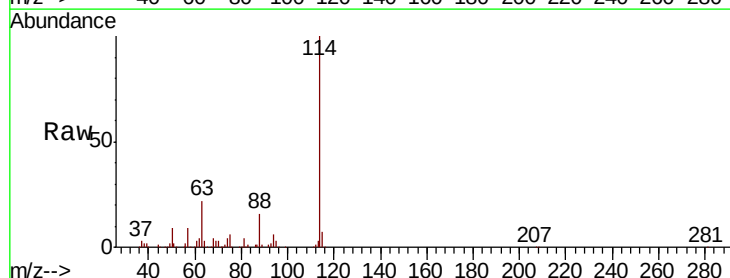
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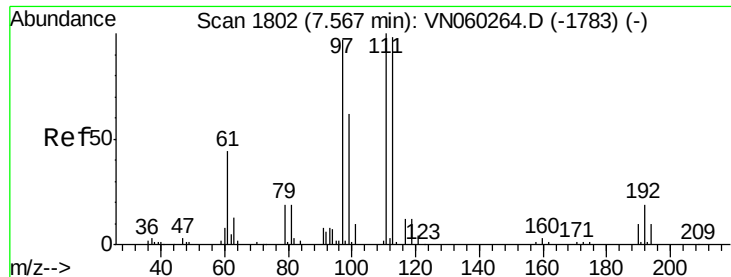
Tot Ion: 65 Resp: 116411
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Tgt Ion: 114 Resp: 296682
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.5 0.0 31.6

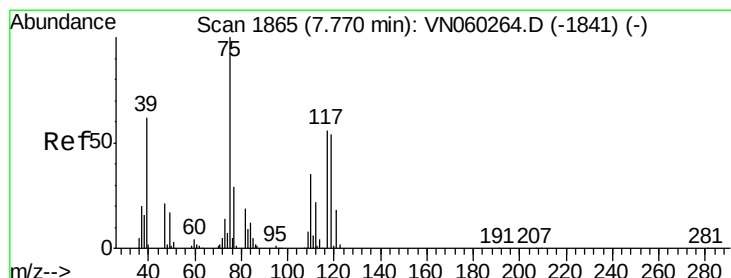
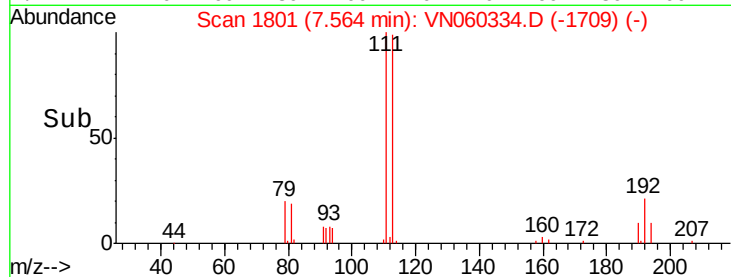
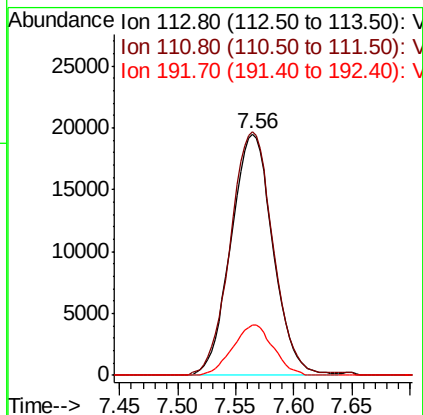
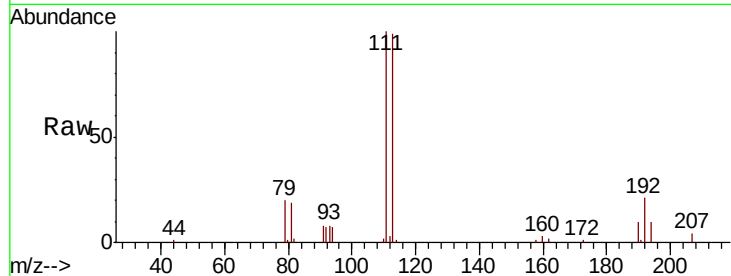




#35
 Dibromofluoromethane
 Concen: 35.623 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

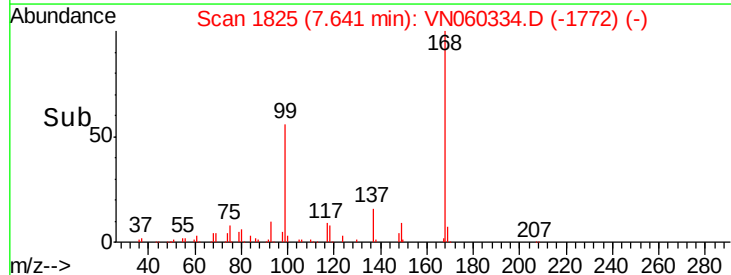
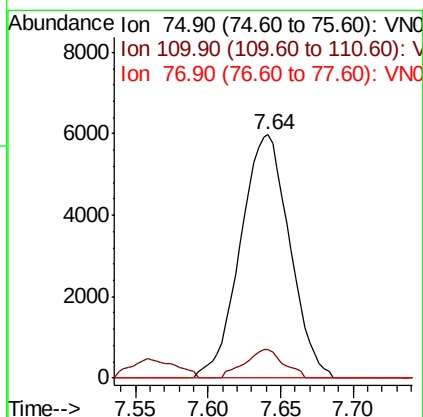
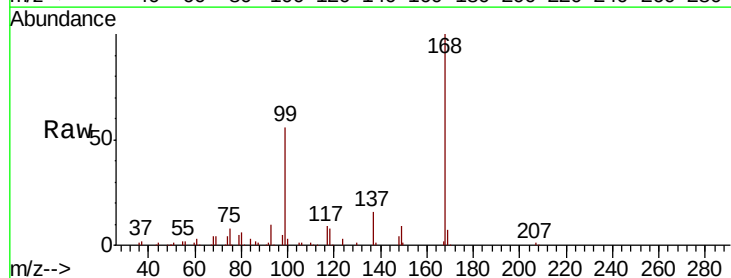
Instrument :
 MSVOA_N
 ClientSampleId :

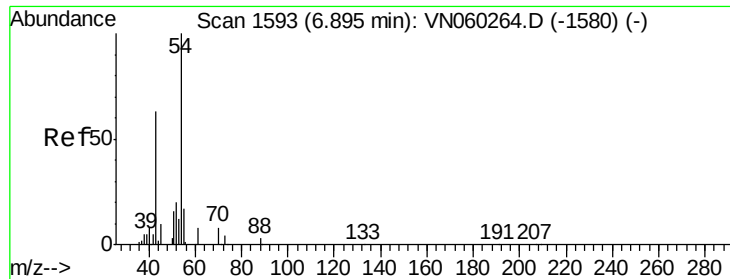
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	20.1	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 4.997 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	52.0#
77	0.0	24.2	36.2#

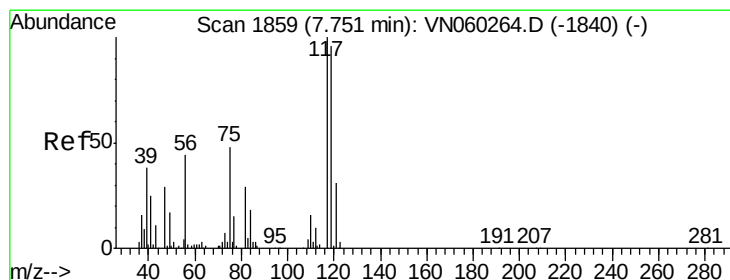
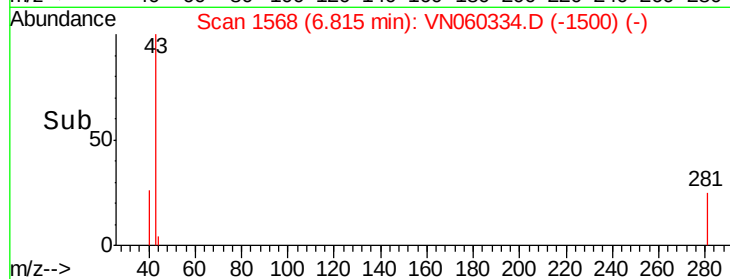
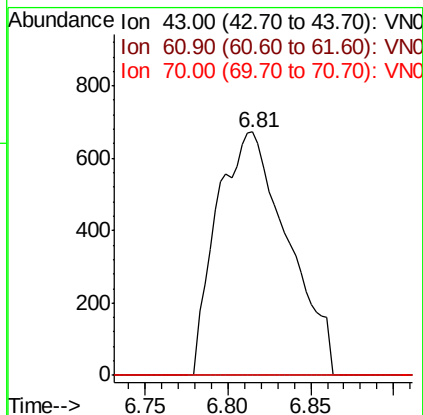
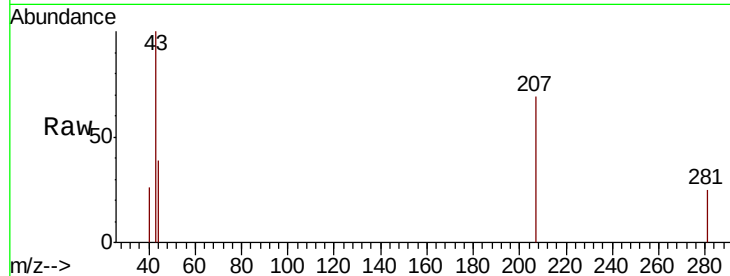




#37
Ethyl Acetate
Concen: 0.746 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. -0.08 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

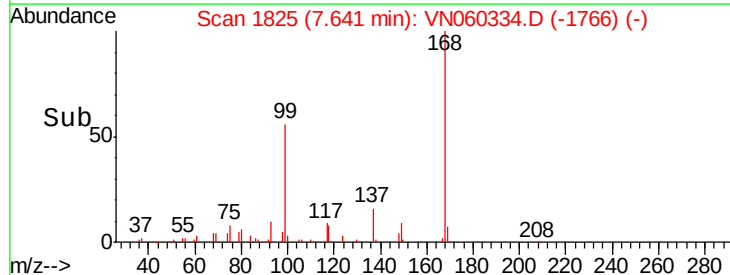
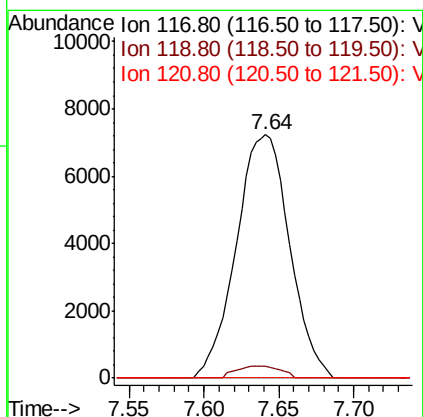
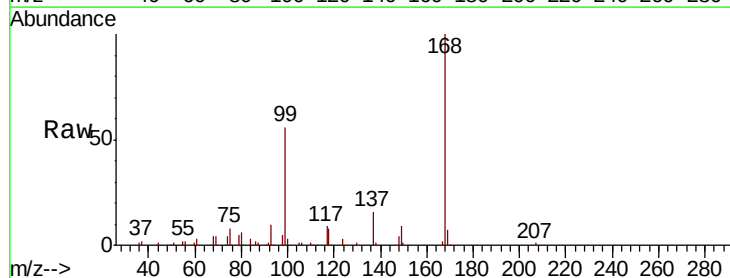
Instrument :
MSVOA_N
ClientSampled :

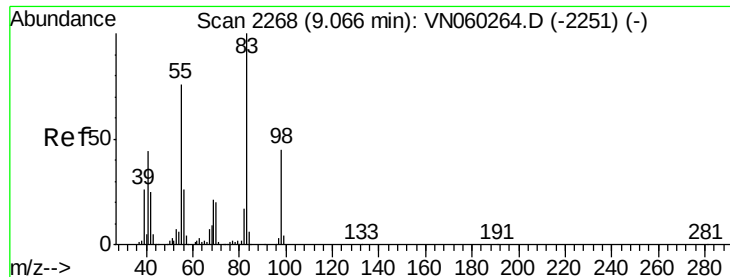
Tot Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.507 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion: 117 Resp: 17912
Ion Ratio Lower Upper
117 100
119 4.7 76.7 115.1#
121 0.0 24.5 36.7#

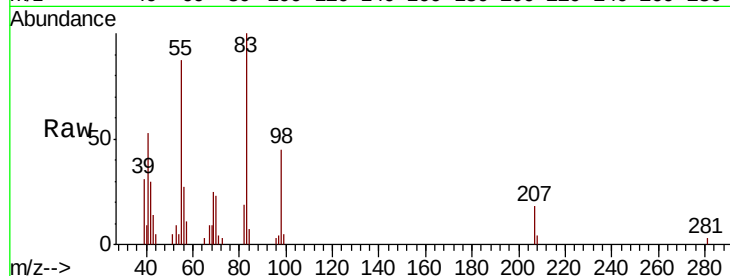




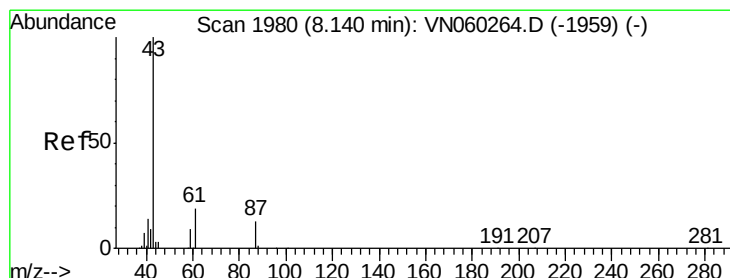
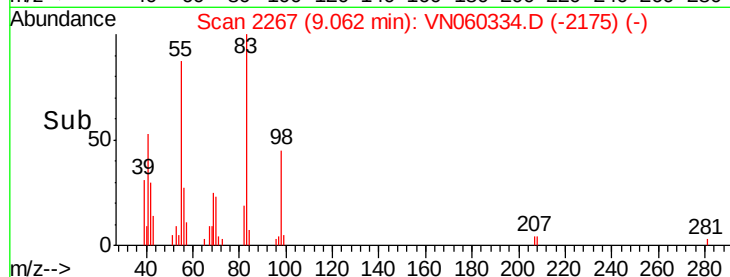
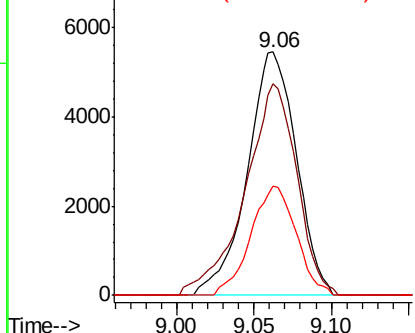
#39
Methylcyclohexane
Concen: 3.619 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 12064
Ion Ratio Lower Upper
83 100
55 87.1 61.0 91.4
98 44.6 36.1 54.1

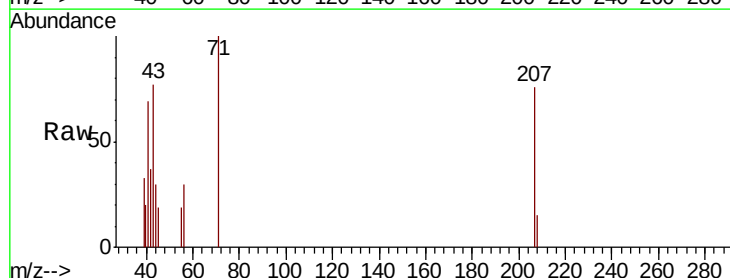


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

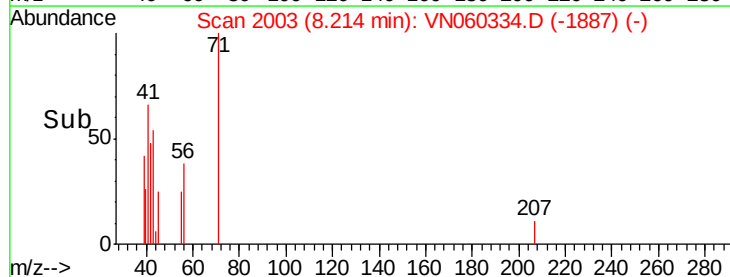
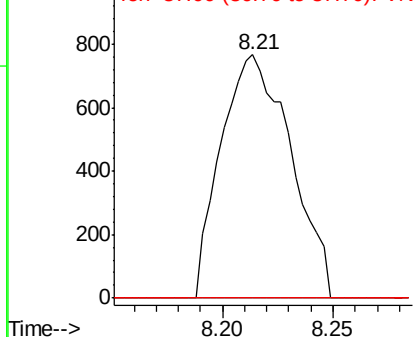


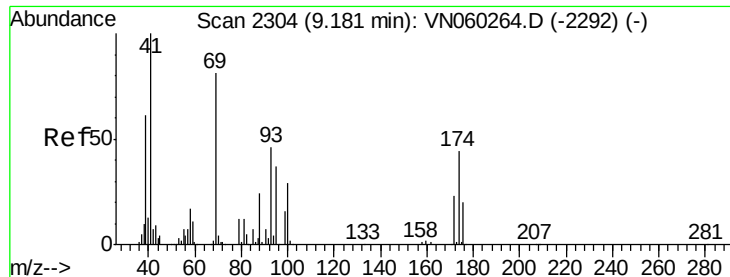
#43
Isopropyl Acetate
Concen: 0.358 ug/l
RT: 8.21 min Scan# 2003
Delta R.T. 0.07 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion: 43 Resp: 1678
Ion Ratio Lower Upper
43 100
61 0.0 20.9 31.3#
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

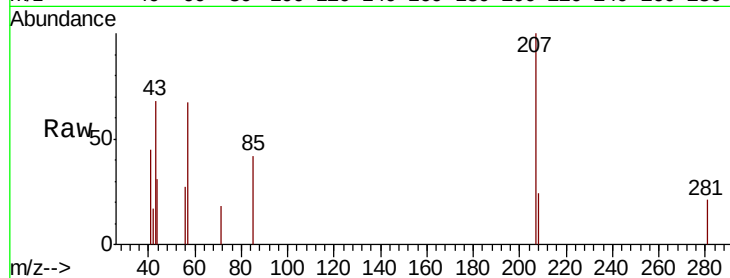




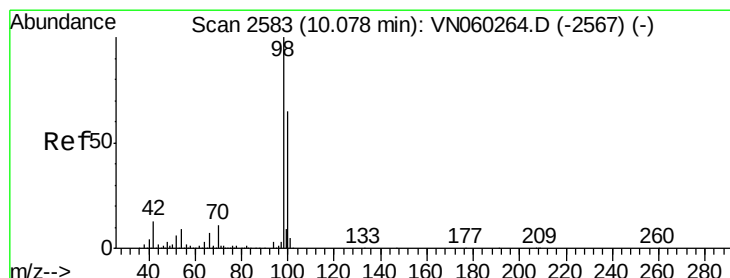
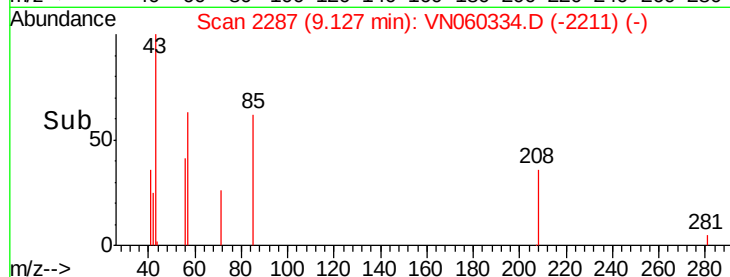
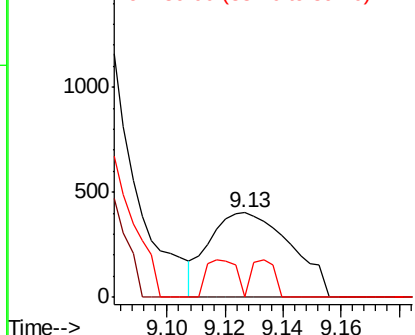
#48
Methyl methacrylate
Concen: 0.369 ug/l
RT: 9.13 min Scan# 2287
Delta R.T. -0.05 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 788
Ion Ratio Lower Upper
41 100
69 0.0 66.7 100.1#
39 16.2 50.1 75.1#

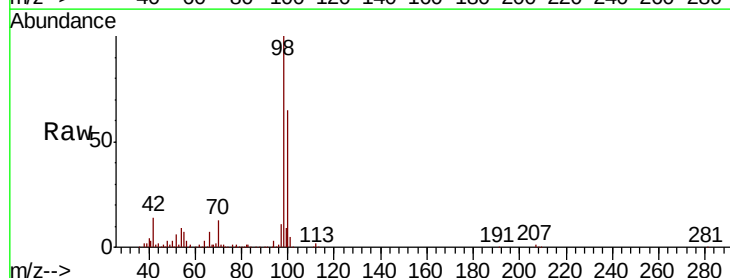


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

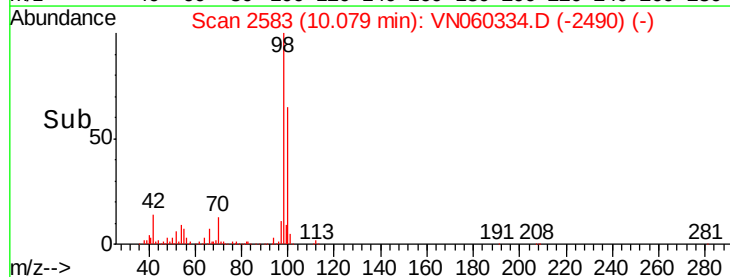
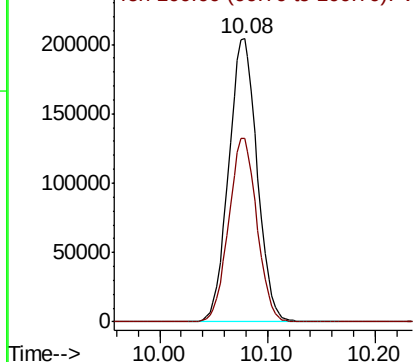


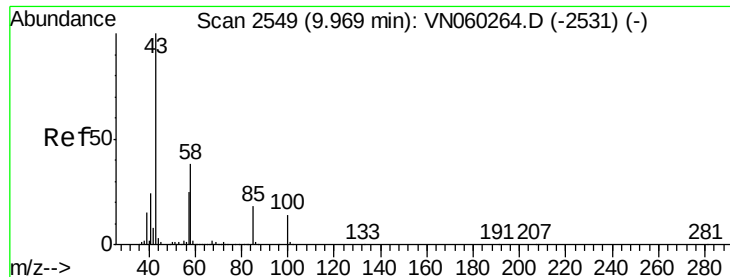
#50
Toluene-d8
Concen: 53.928 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion: 98 Resp: 375864
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

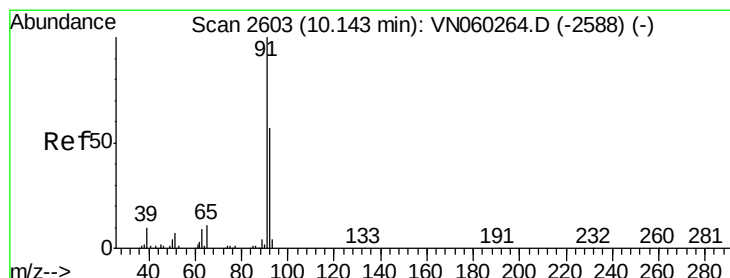
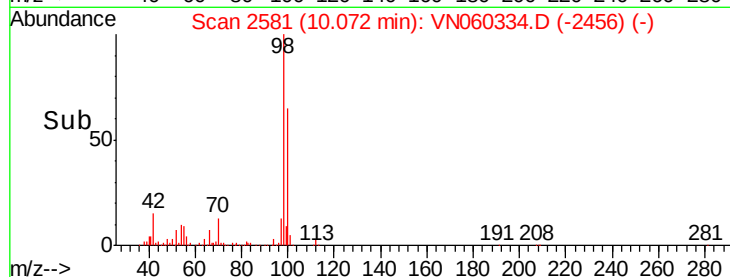
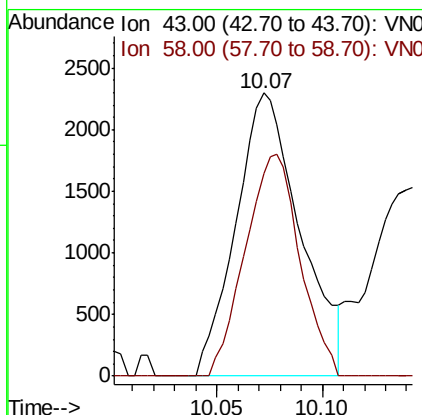
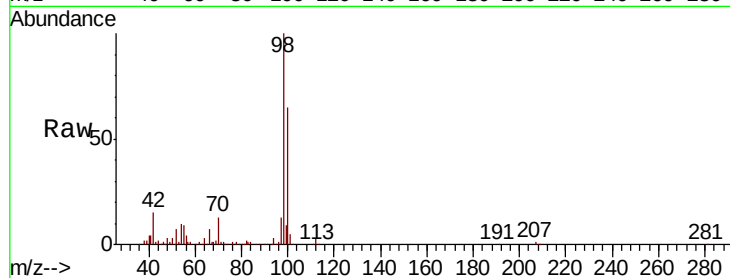




#51
 4-Methyl-2-Pentanone
 Concen: 1.829 ug/l
 RT: 10.07 min Scan# 2581
 Delta R.T. 0.10 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

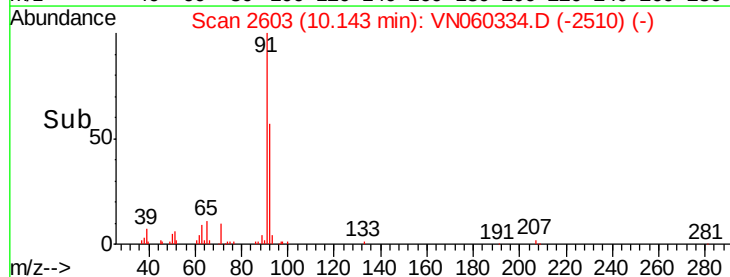
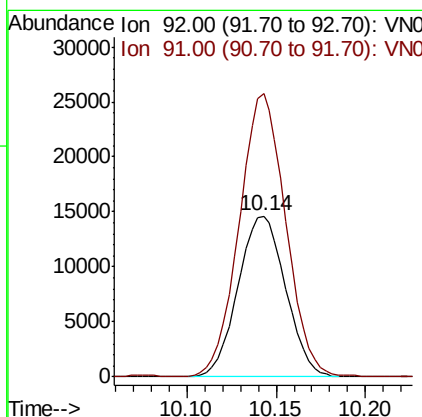
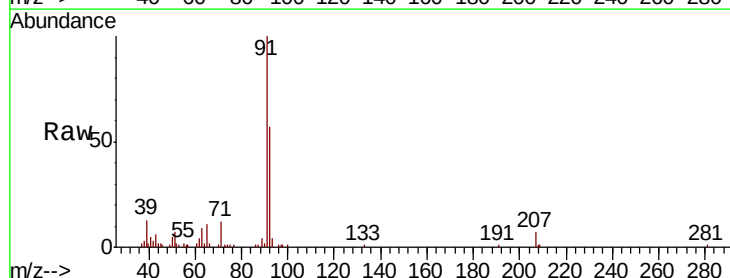
Instrument :
 MSVOA_N
 ClientSampled :

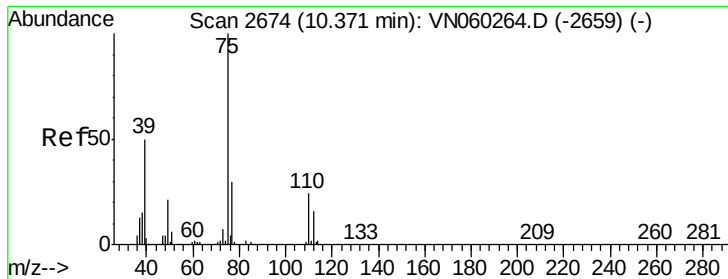
Tot Ion: 43 Resp: 4860
 Ion Ratio Lower Upper
 43 100
 58 66.4 30.9 46.3#



#52
 Toluene
 Concen: 5.262 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Tgt Ion: 92 Resp: 27203
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 1.226 ug/l

RT: 10.23 min Scan# 2630

Delta R.T. -0.14 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

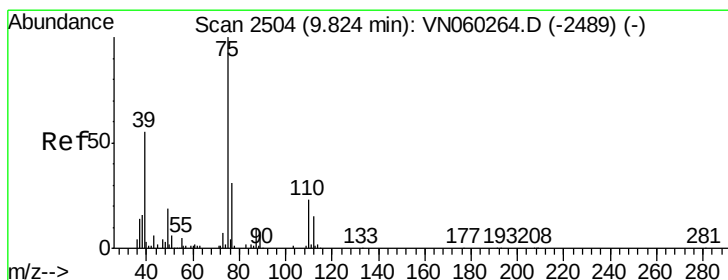
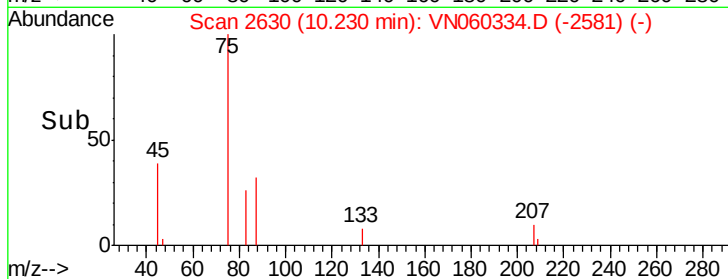
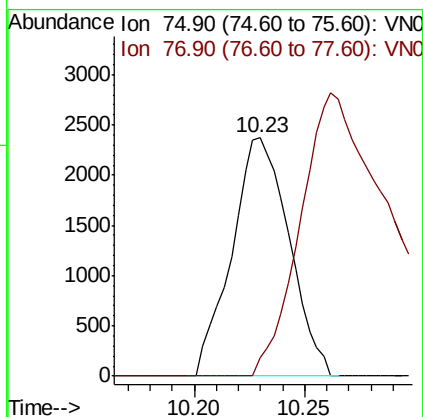
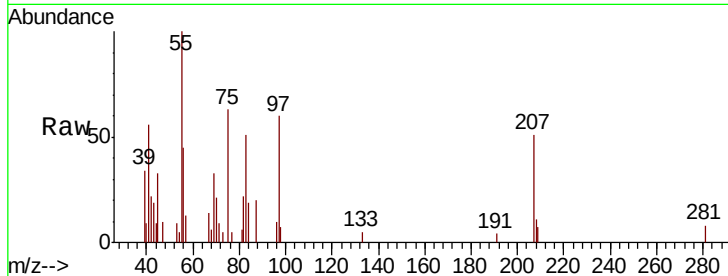
ClientSampleId :

Tot Ion: 75 Resp: 4265

Ion Ratio Lower Upper

75 100

77 7.6 24.8 37.2#



#54

cis-1,3-Dichloropropene

Concen: 0.617 ug/l

RT: 9.58 min Scan# 2429

Delta R.T. -0.24 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

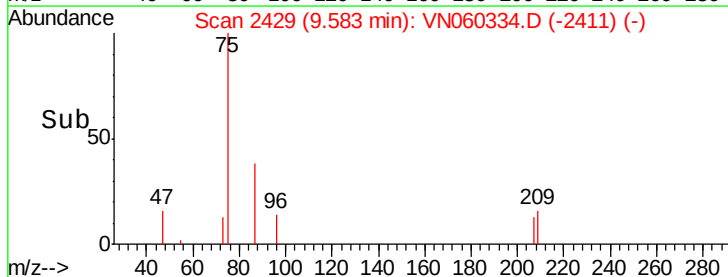
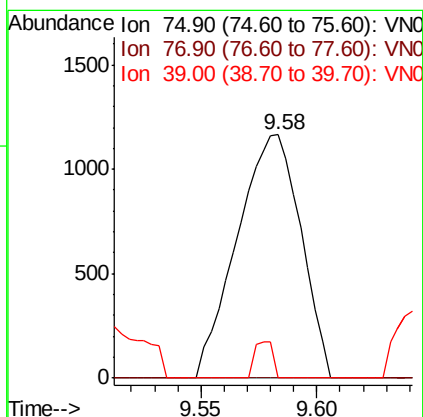
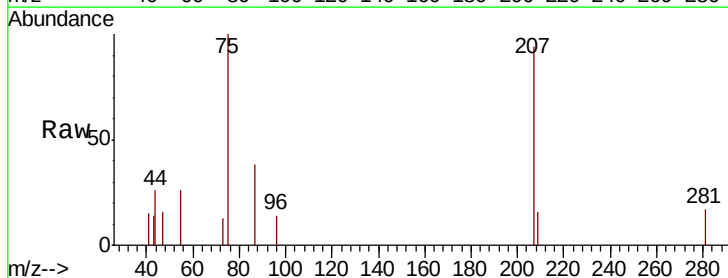
Tgt Ion: 75 Resp: 2225

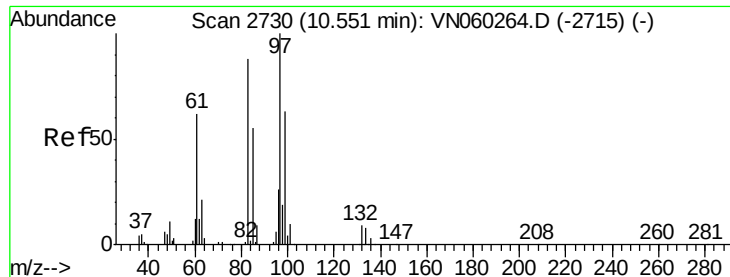
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 0.0 43.8 65.8#

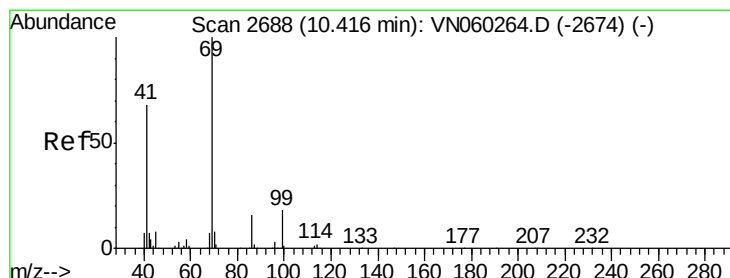
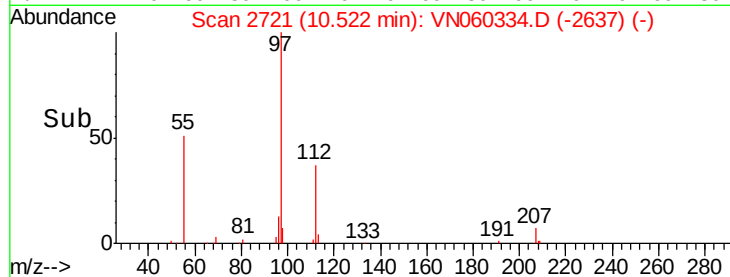
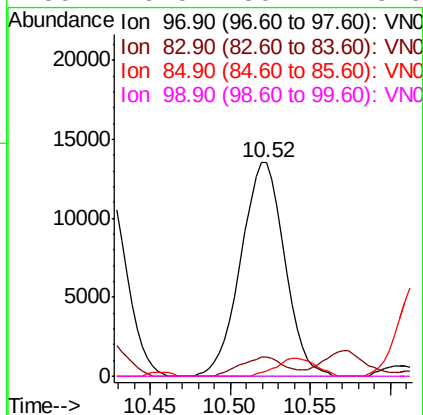
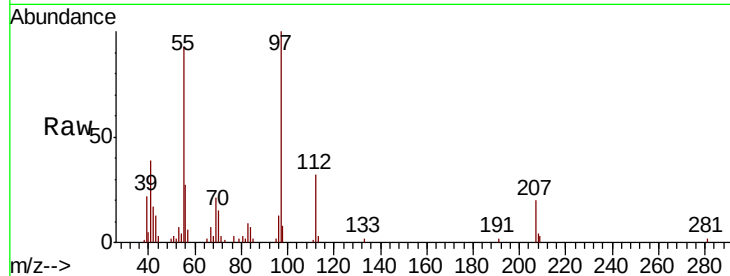




#55
 1,1,2-Trichloroethane
 Concen: 12.227 ug/l
 RT: 10.52 min Scan# 2721
 Delta R.T. -0.03 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

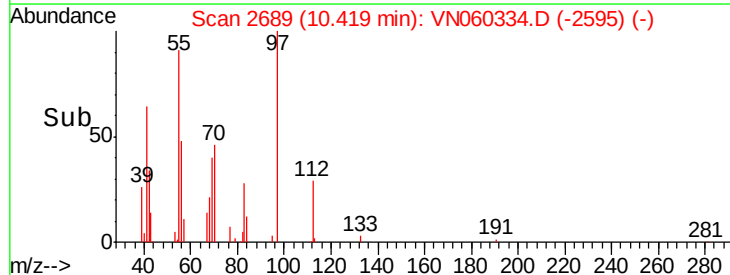
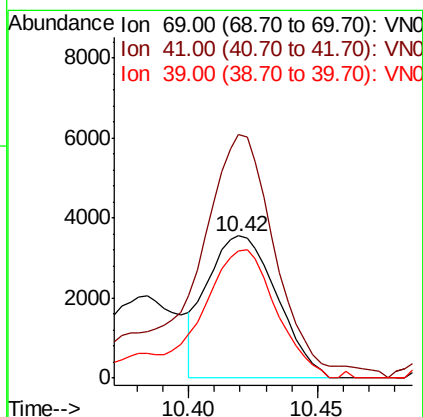
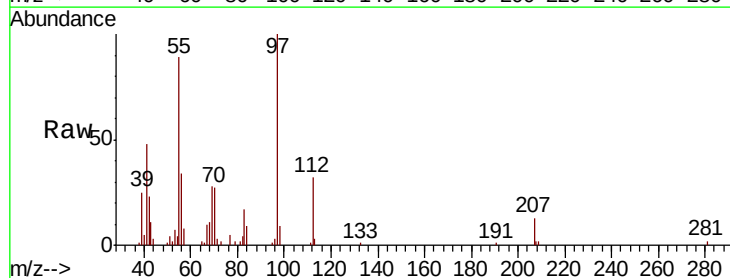
Instrument :
 MSVOA_N
 ClientSampleId :

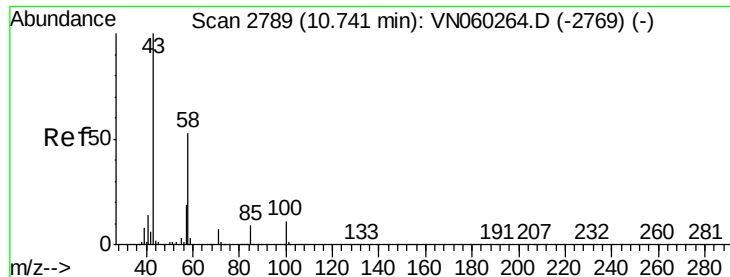
Tot Ion	Ratio	Lower	Upper
97	100		
83	8.8	70.0	105.0#
85	2.5	44.0	66.0#
99	0.0	50.4	75.6#



#56
 Ethyl methacrylate
 Concen: 2.237 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	216.9	54.1	81.1#
39	93.1	32.5	48.7#

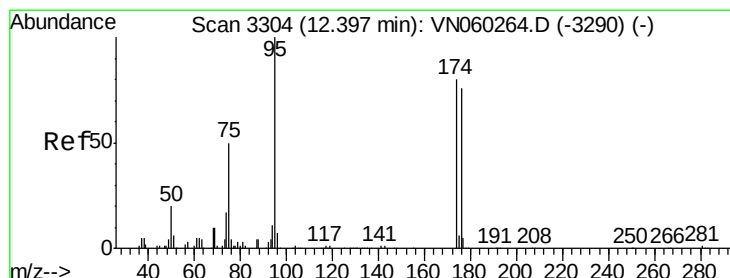
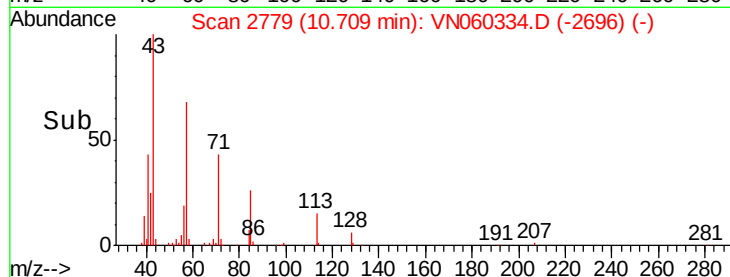
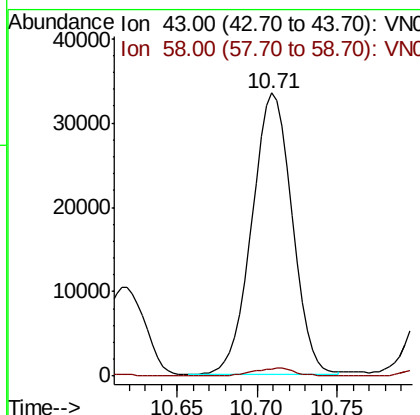
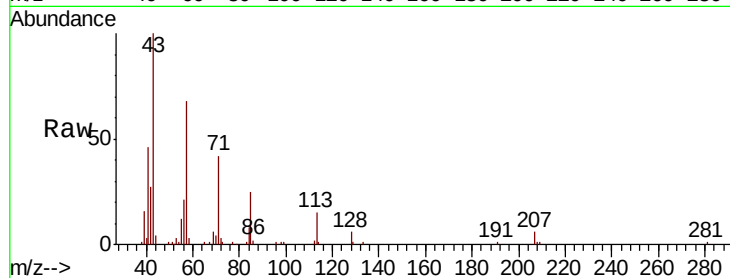




#59
2-Hexanone
Concen: 29.618 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.03 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

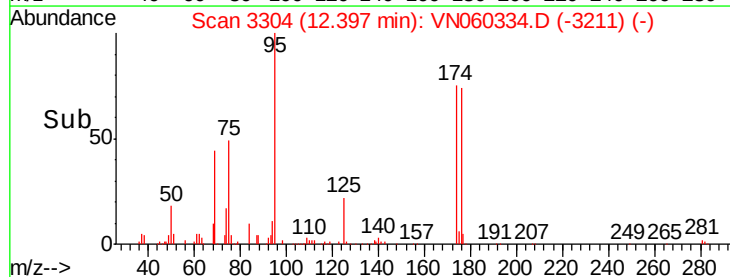
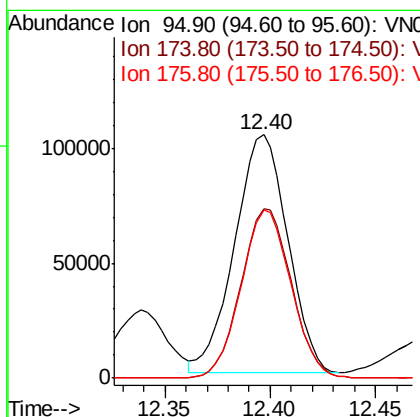
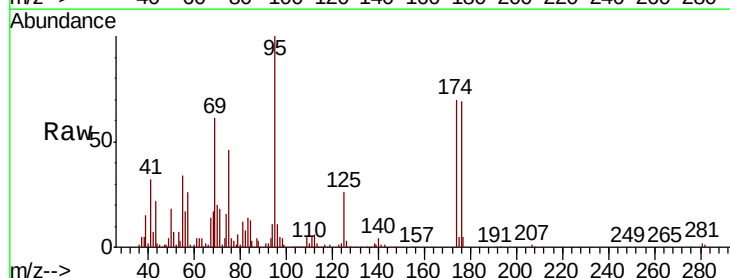
Instrument :
MSVOA_N
ClientSampleId :

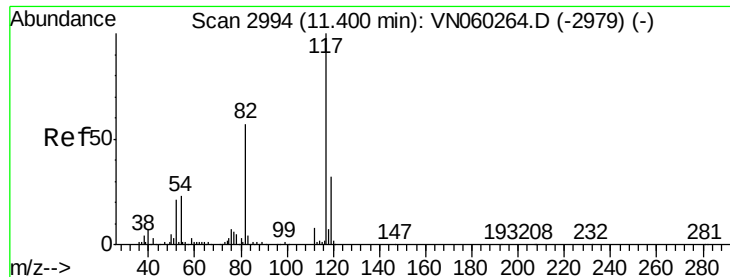
Tot Ion: 43 Resp: 57790
Ion Ratio Lower Upper
43 100
58 2.9 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 68.694 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion: 95 Resp: 181491
Ion Ratio Lower Upper
95 100
174 67.8 0.0 159.2
176 66.3 0.0 153.8

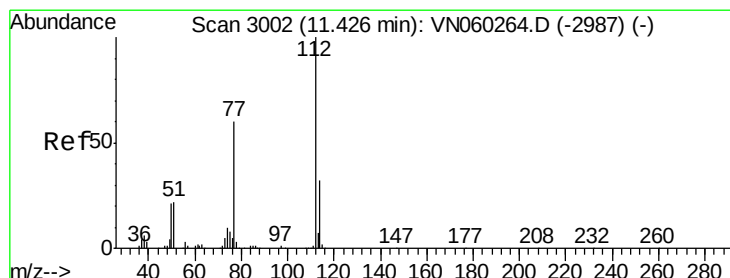
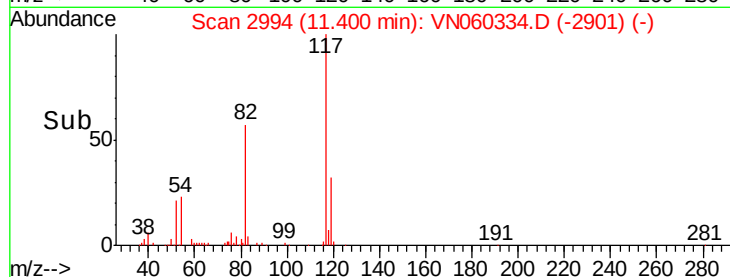
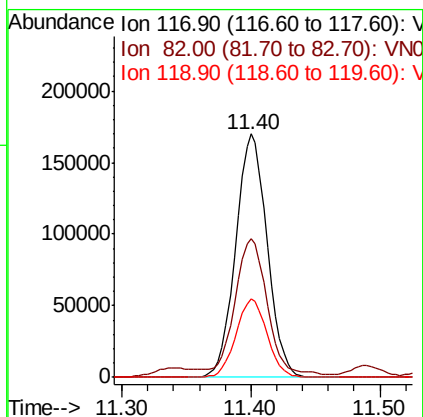
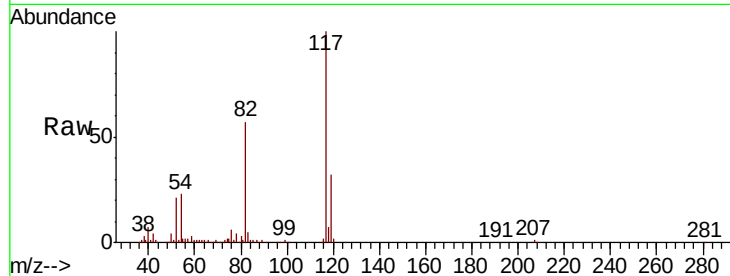




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

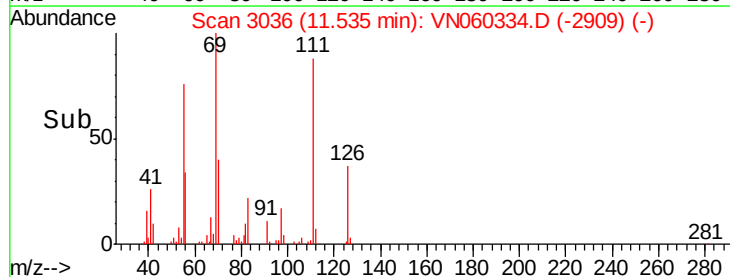
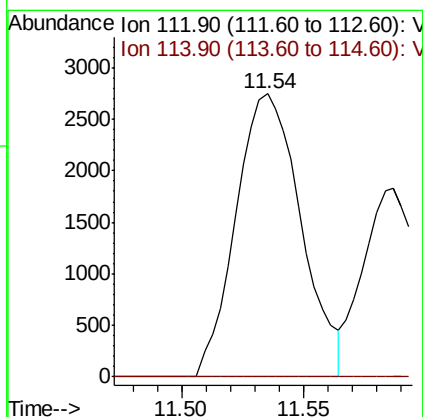
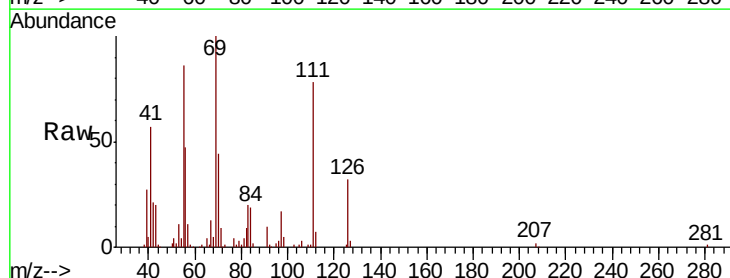
Instrument :
MSVOA_N
ClientSampleId :

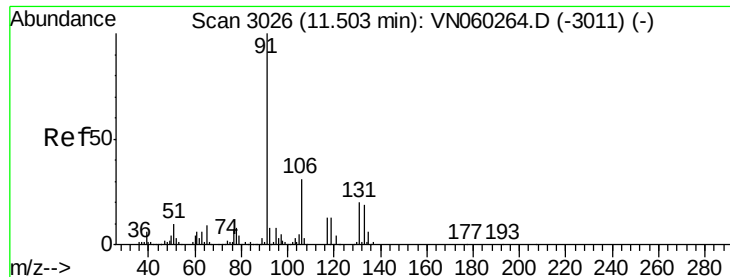
Tot Ion:117 Resp: 287533
Ion Ratio Lower Upper
117 100
82 55.7 45.8 68.6
119 32.2 25.8 38.8



#65
Chlorobenzene
Concen: 0.876 ug/l
RT: 11.54 min Scan# 3036
Delta R.T. 0.11 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion:112 Resp: 5085
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#





#67

Ethyl Benzene

Concen: 21.006 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

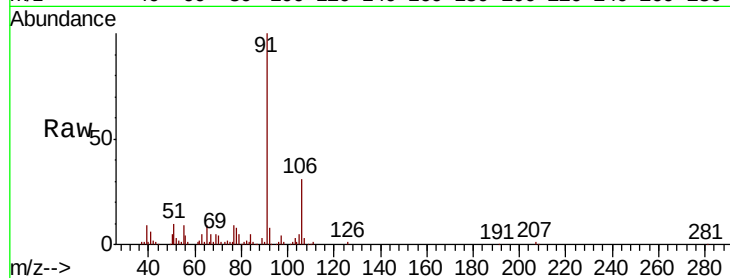
ClientSampled :

Tot Ion: 91 Resp: 222107

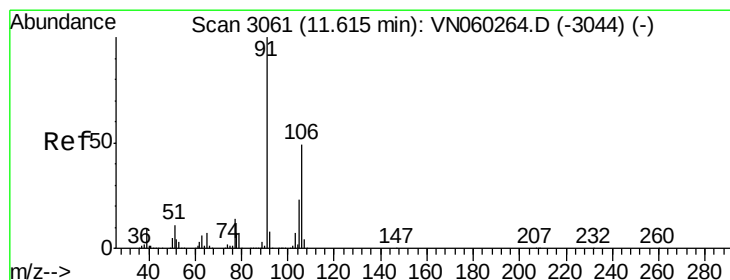
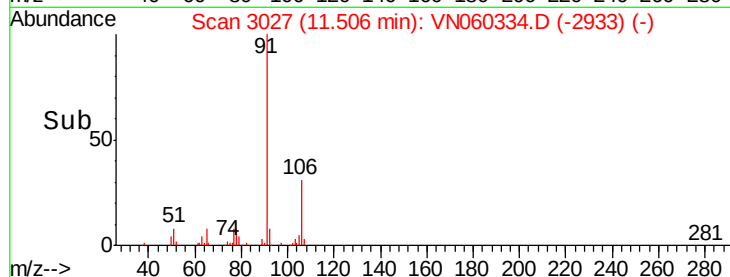
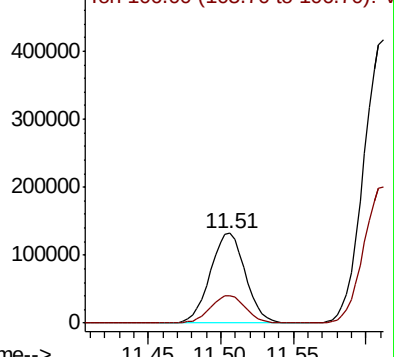
Ion Ratio Lower Upper

91 100

106 31.1 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3011) (-)



#68

m/p-Xylenes

Concen: 92.575 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060334.D

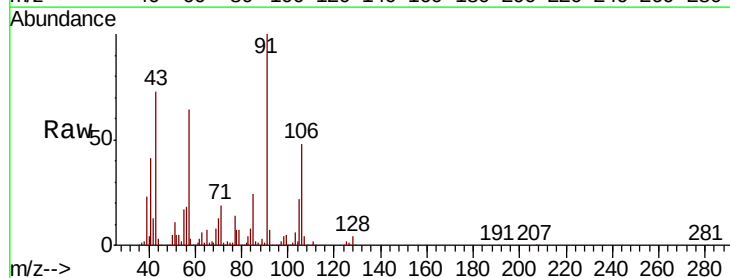
Acq: 3 Mar 2020 16:57

Tgt Ion: 106 Resp: 369300

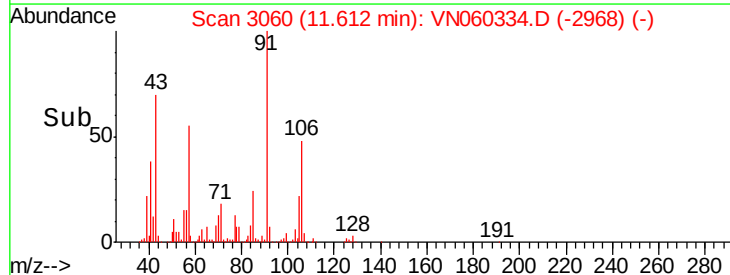
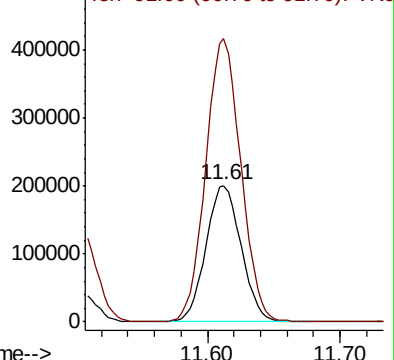
Ion Ratio Lower Upper

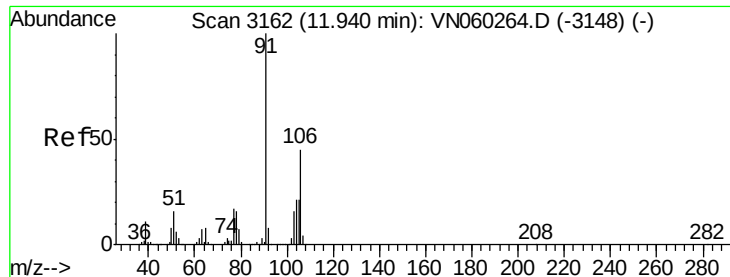
106 100

91 206.9 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060264.D (-3044) (-)

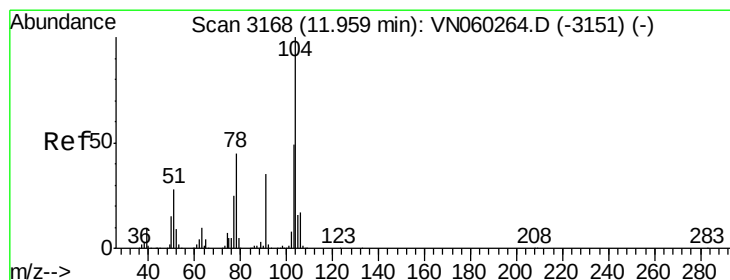
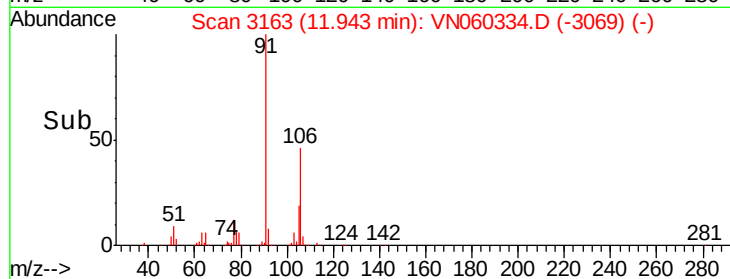
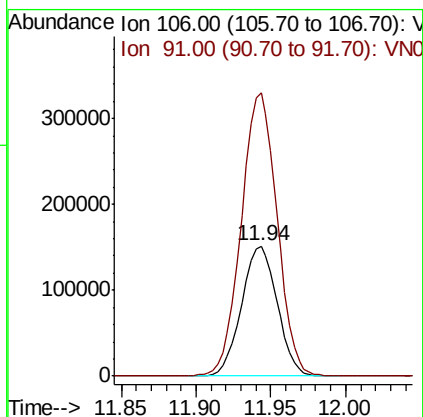
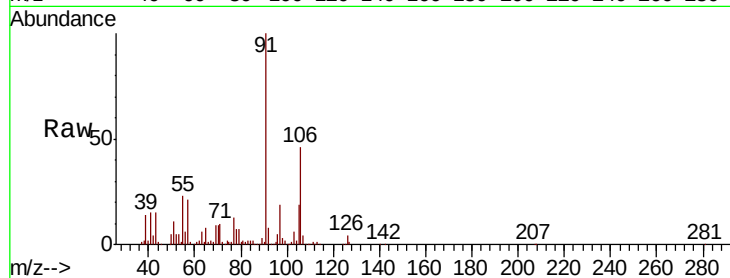




#69
o-Xylene
Concen: 66.048 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

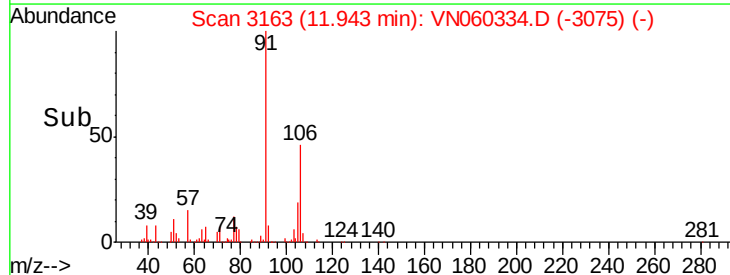
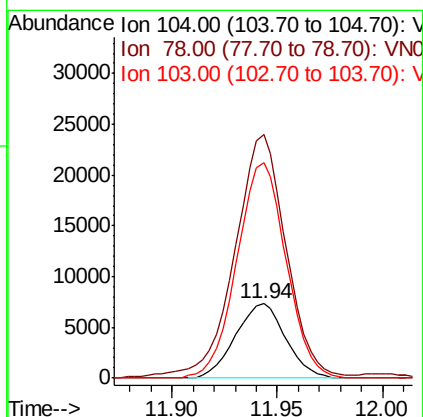
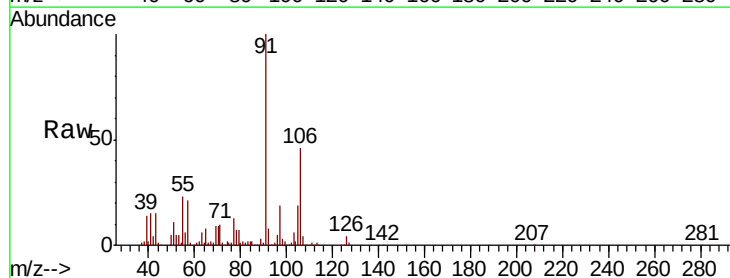
Instrument :
MSVOA_N
ClientSampled :

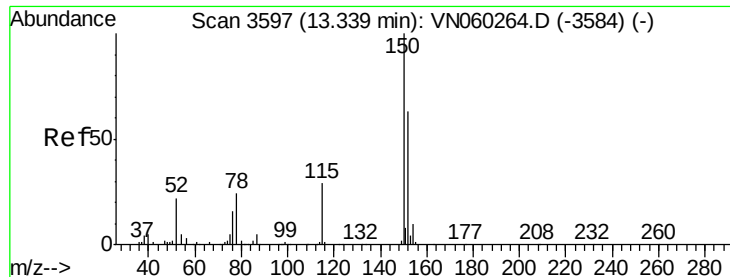
Tot Ion:106 Resp: 251250
Ion Ratio Lower Upper
106 100
91 218.8 109.5 328.4



#70
Styrene
Concen: 1.929 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.02 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion:104 Resp: 12065
Ion Ratio Lower Upper
104 100
78 340.0 41.2 61.8#
103 286.1 43.9 65.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

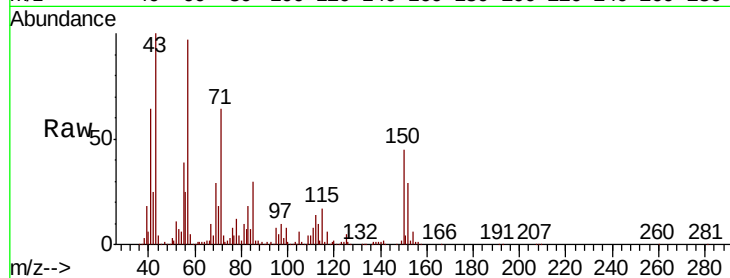
Tot Ion:152 Resp: 182576

Ion Ratio Lower Upper

152 100

115 53.9 30.0 90.0

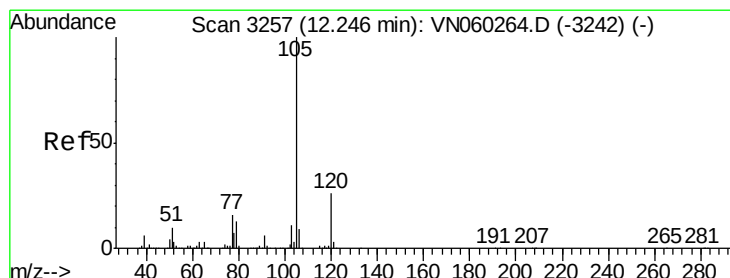
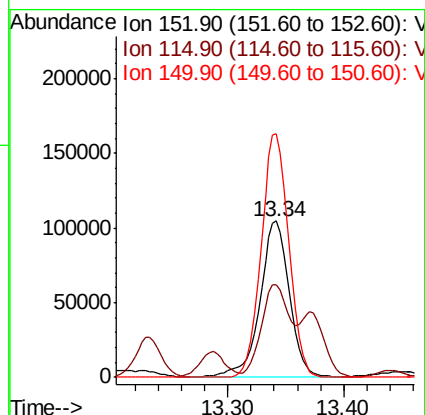
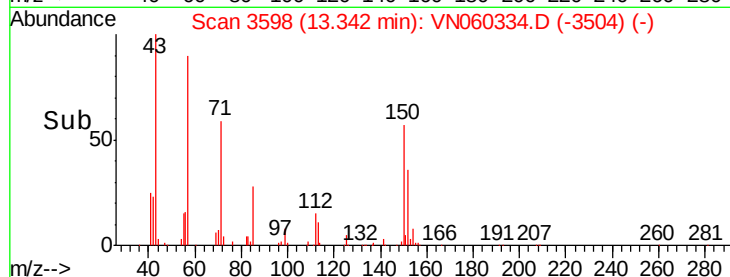
150 147.4 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 12.571 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060334.D

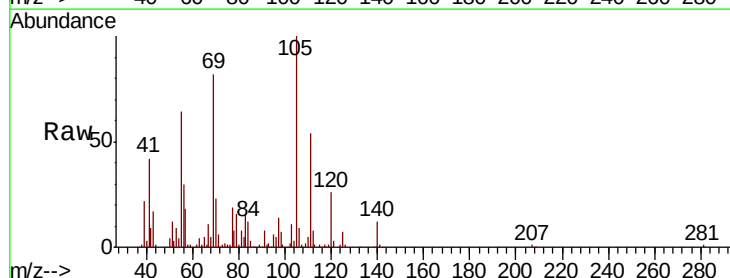
Acq: 3 Mar 2020 16:57

Tgt Ion:105 Resp: 170110

Ion Ratio Lower Upper

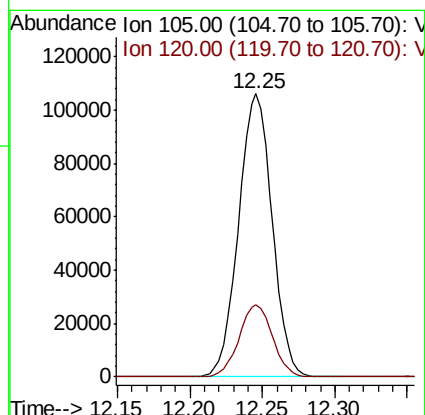
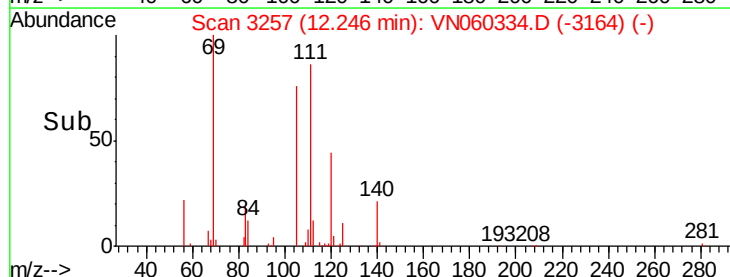
105 100

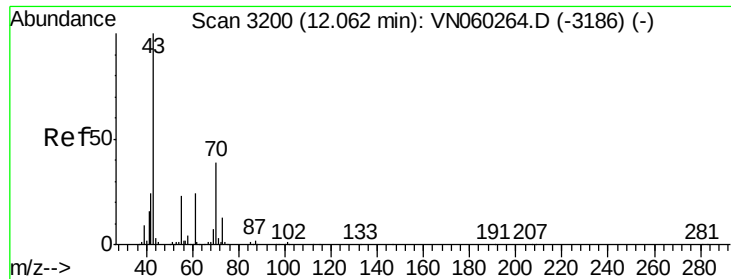
120 25.5 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.119 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.02 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

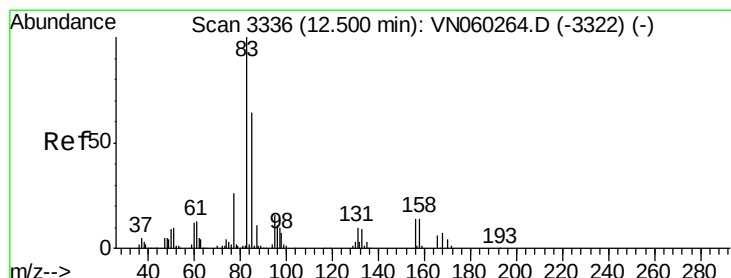
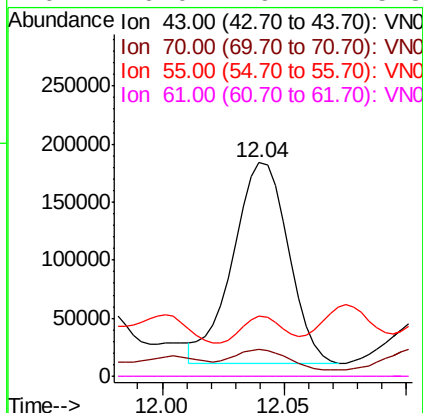
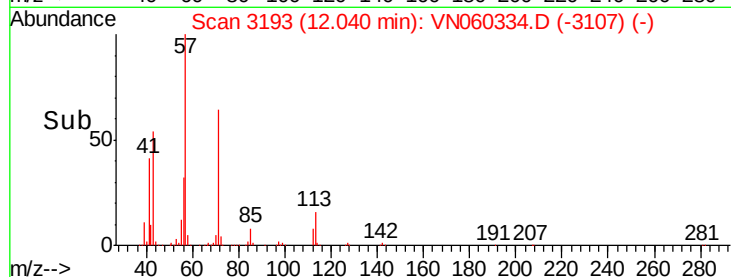
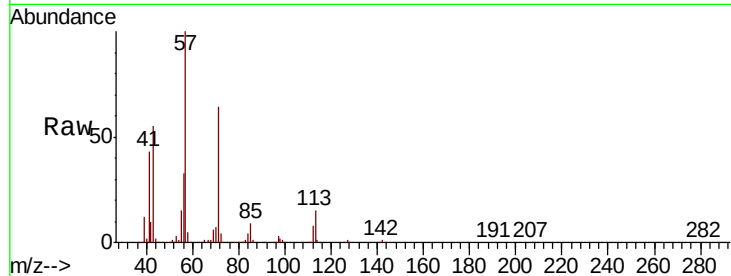
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 272712

Ion	Ratio	Lower	Upper
43	100		
70	9.7	32.2	48.2#
55	9.7	18.2	27.4#
61	0.0	19.2	28.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 9.690 ug/l

RT: 12.45 min Scan# 3320

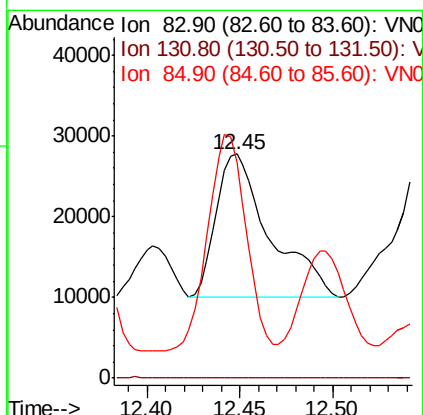
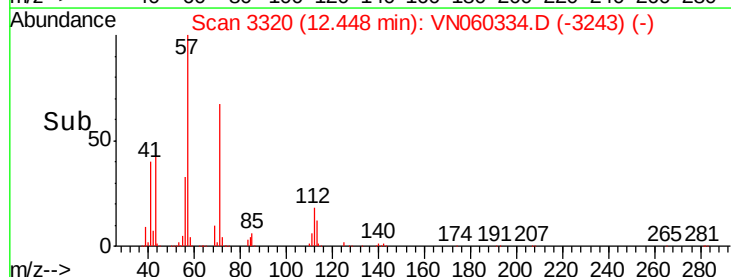
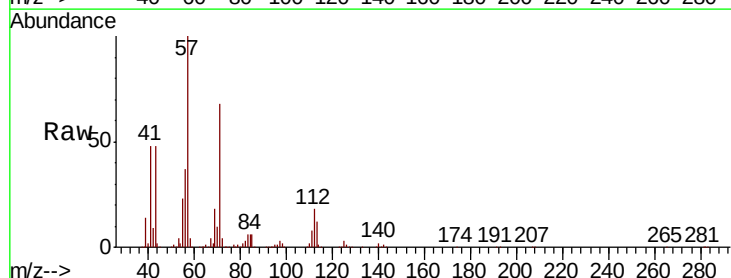
Delta R.T. -0.05 min

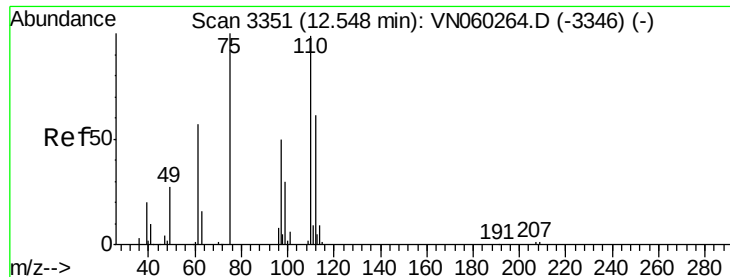
Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Tgt Ion: 83 Resp: 35643

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	108.1	32.3	96.8#





#76

1,2,3-Trichloropropane

Concen: 1.185 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.04 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

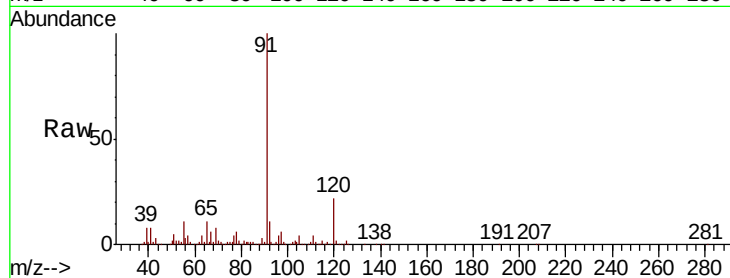
ClientSampleId :

Tot Ion: 75 Resp: 4745

Ion Ratio Lower Upper

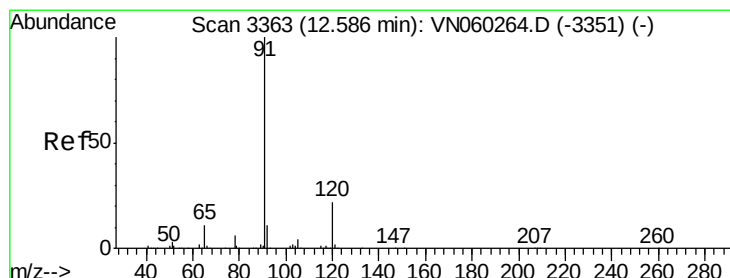
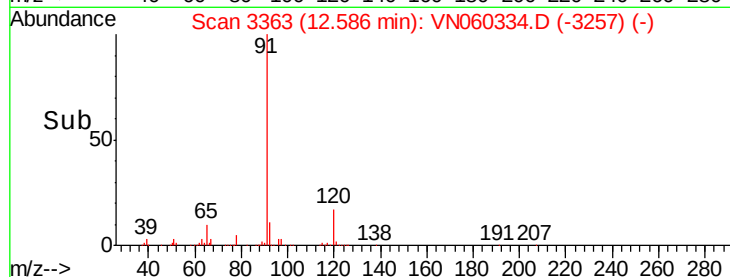
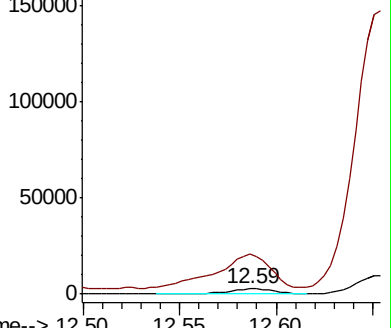
75 100

77 693.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 46.297 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060334.D

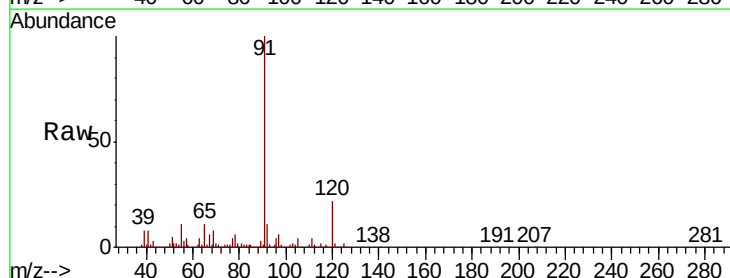
Acq: 3 Mar 2020 16:57

Tgt Ion: 91 Resp: 734375

Ion Ratio Lower Upper

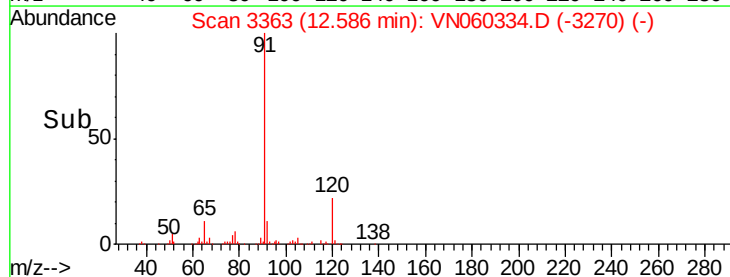
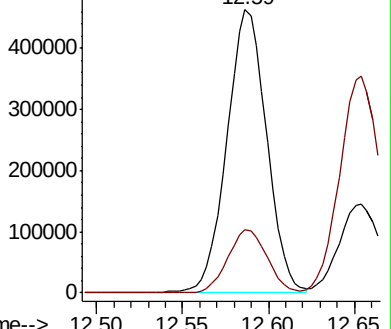
91 100

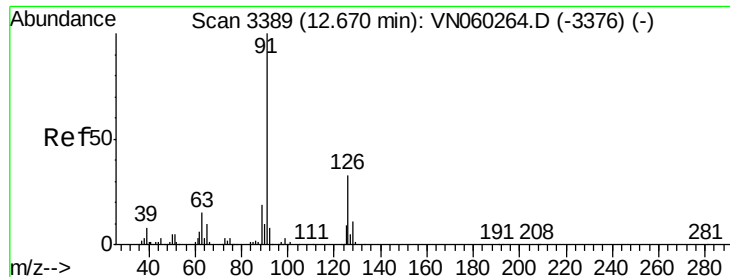
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

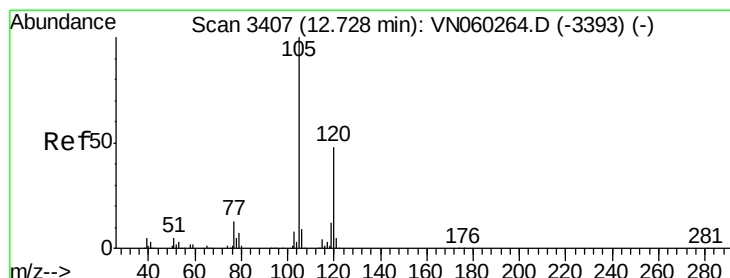
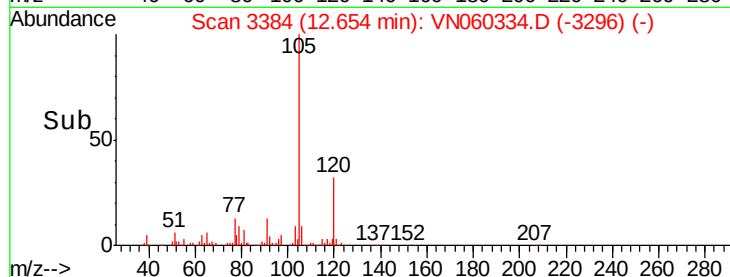
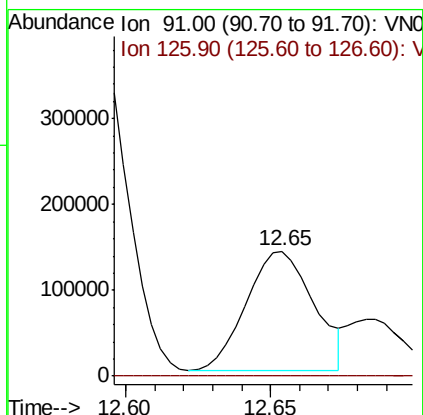
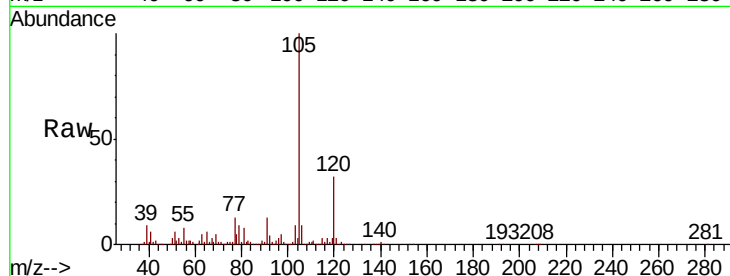




#79
 2-Chlorotoluene
 Concen: 24.242 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

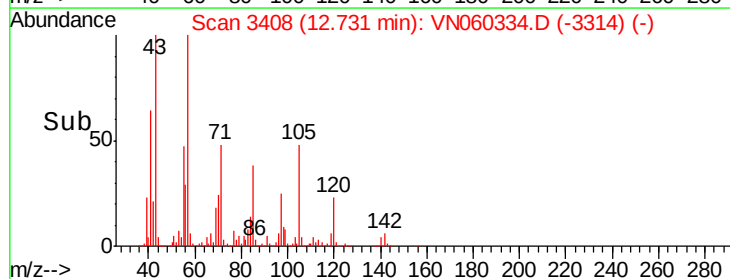
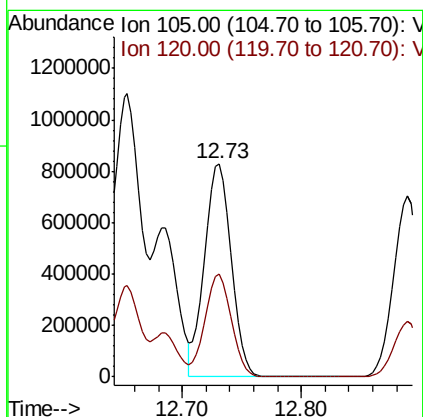
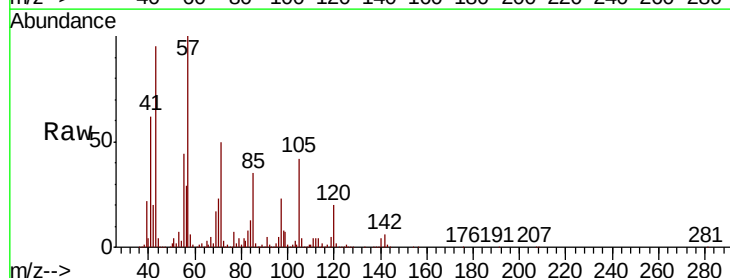
Instrument :
 MSVOA_N
 ClientSampled :

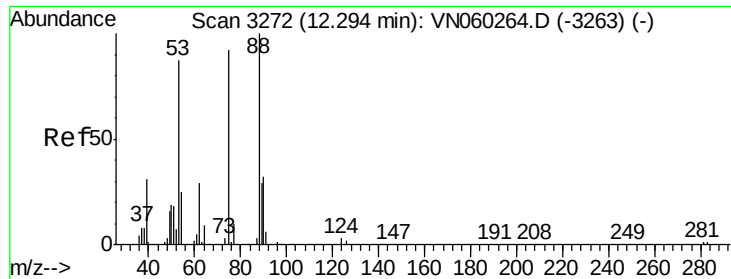
Tot Ion: 91 Resp: 226041
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 113.487 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Tgt Ion: 105 Resp: 1293024
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 1.757 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.05 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

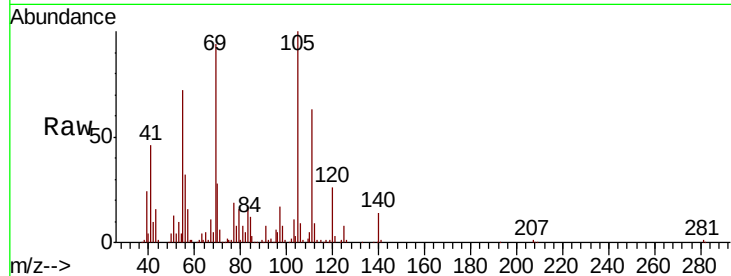
Tot Ion: 75 Resp: 2549

Ion Ratio Lower Upper

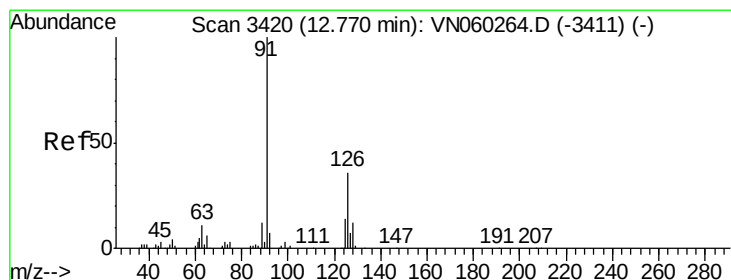
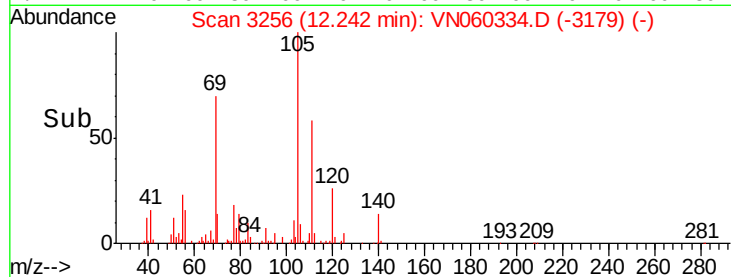
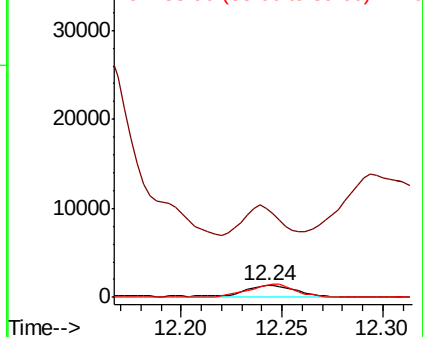
75 100

53 161.0 73.8 110.6#

89 91.8 57.1 85.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 14.607 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN060334.D

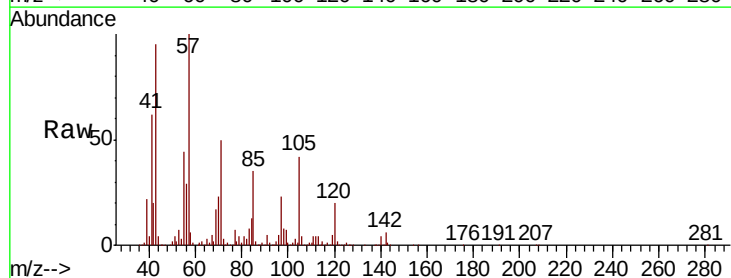
Acq: 3 Mar 2020 16:57

Tgt Ion: 91 Resp: 143496

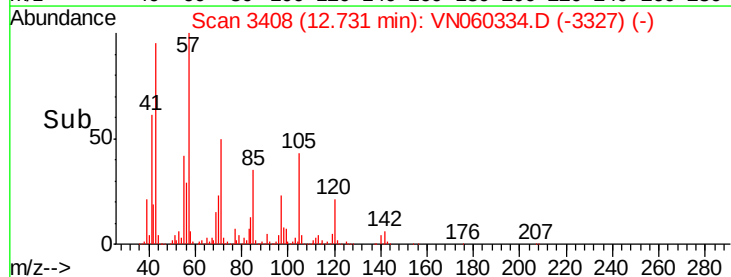
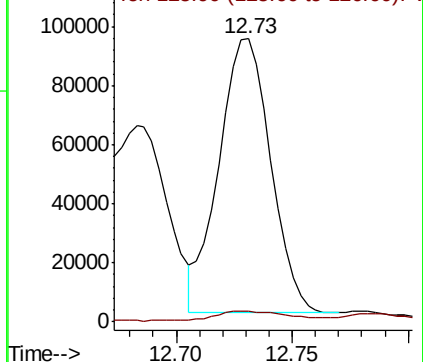
Ion Ratio Lower Upper

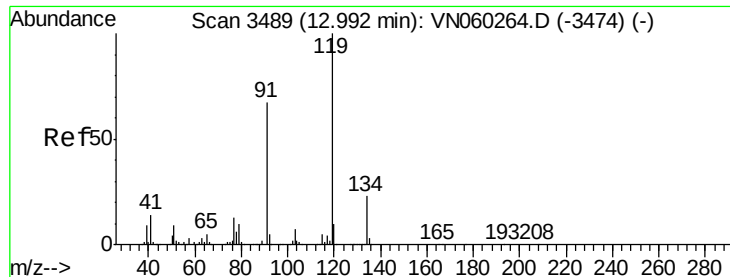
91 100

126 4.8 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

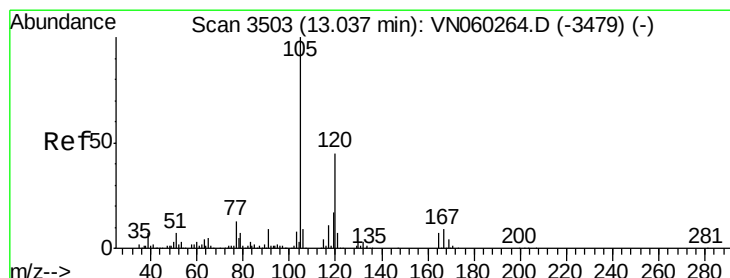
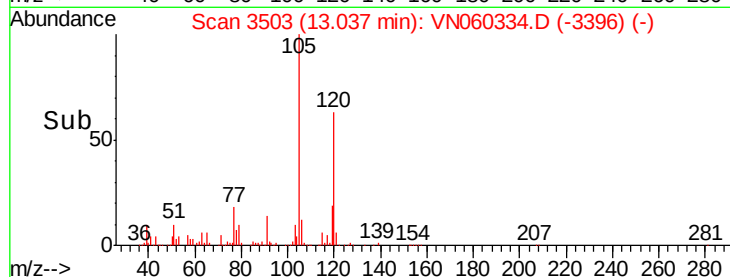
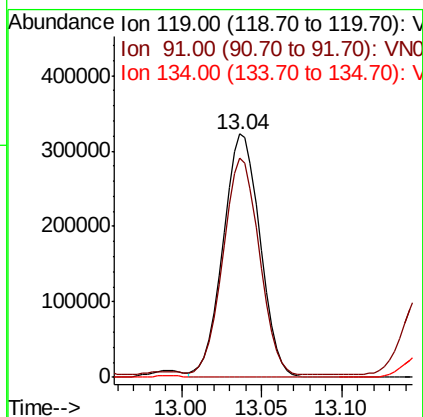
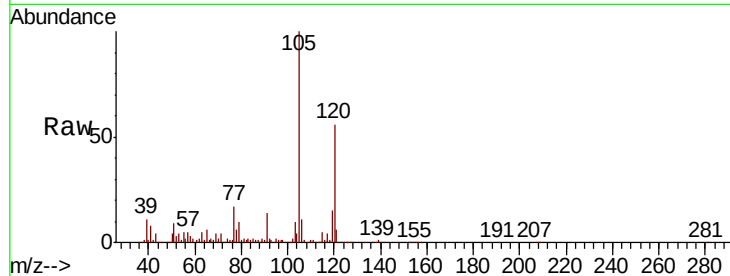




#83
 tert-Butylbenzene
 Concen: 51.564 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.05 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

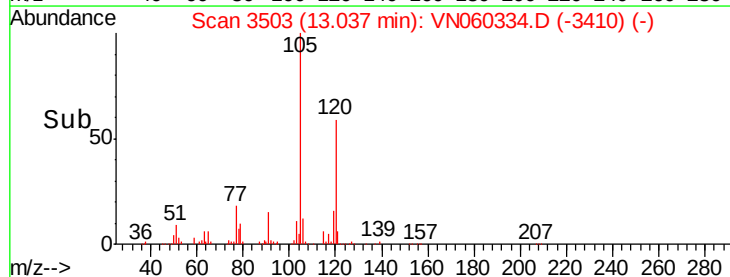
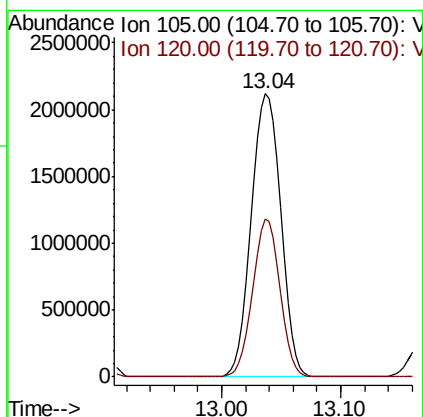
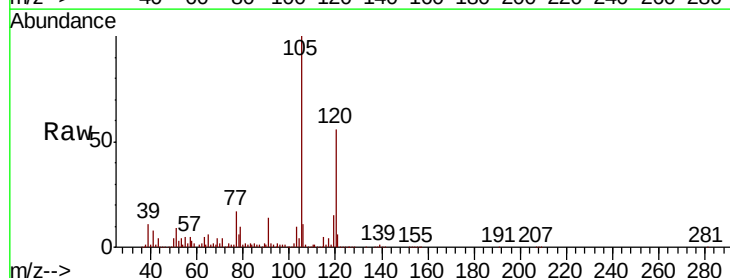
Instrument :
 MSVOA_N
 ClientSampleId :

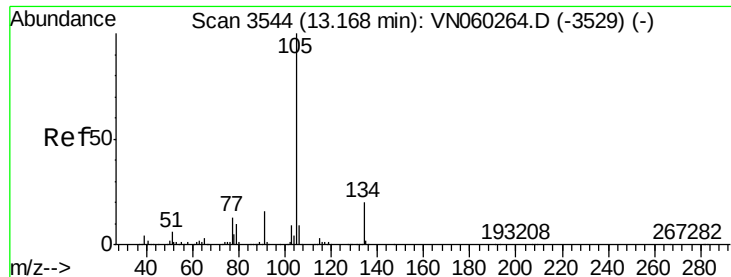
Tot Ion:119 Resp: 508661
 Ion Ratio Lower Upper
 119 100
 91 87.3 33.1 99.2
 134 0.0 12.4 37.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 317.453 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Tgt Ion:105 Resp: 3650731
 Ion Ratio Lower Upper
 105 100
 120 51.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 32.378 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

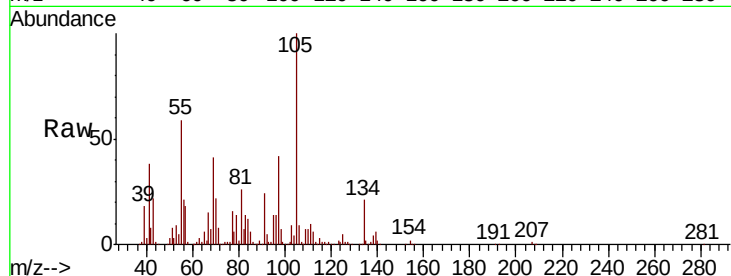
ClientSampleId :

Tot Ion:105 Resp: 427708

Ion Ratio Lower Upper

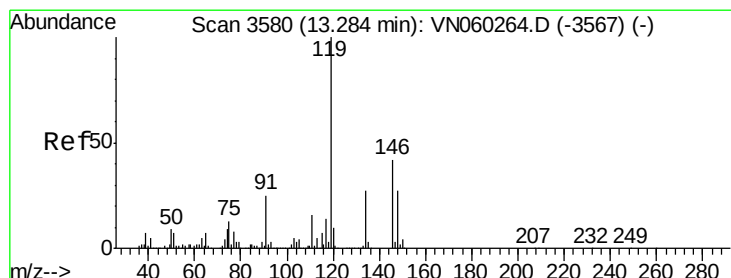
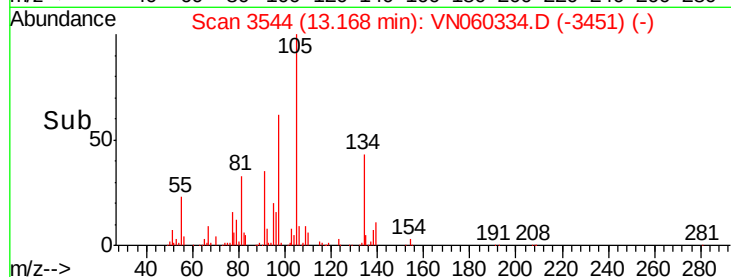
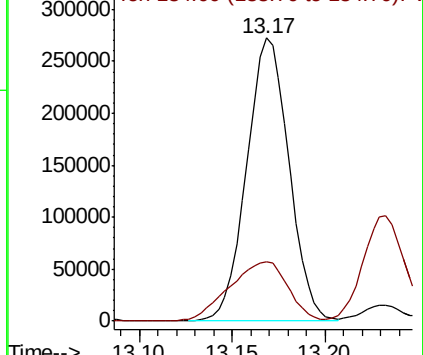
105 100

134 29.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 28.403 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

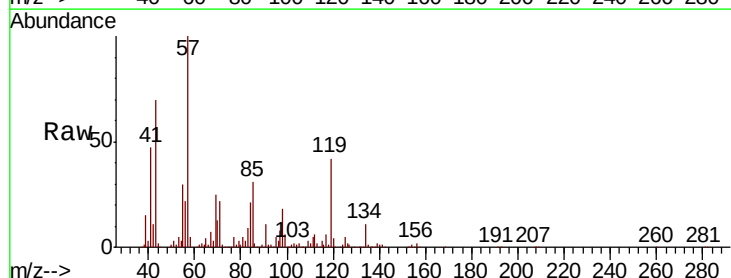
Tgt Ion:119 Resp: 347267

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.6

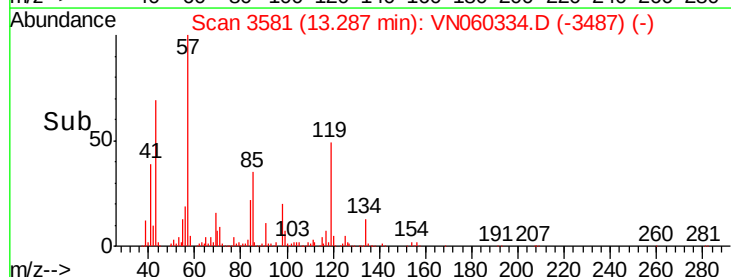
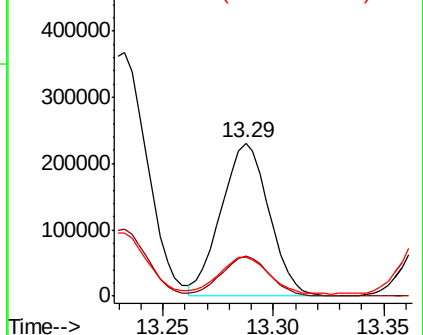
91 24.3 12.2 36.6

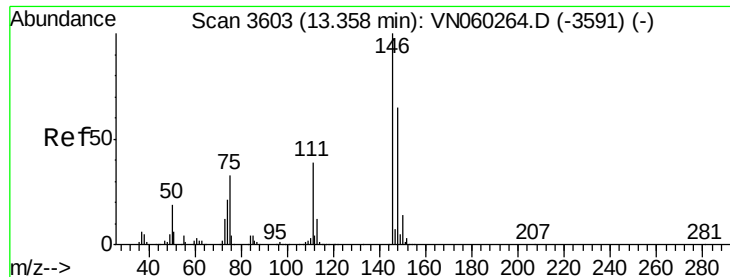


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

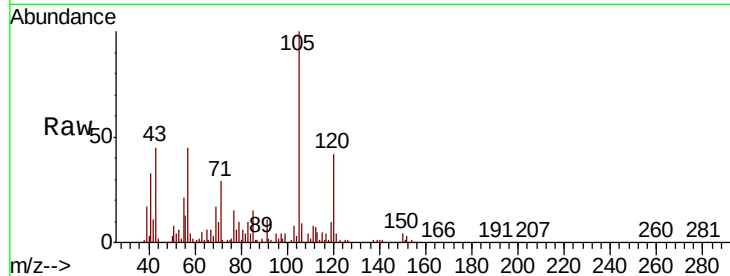




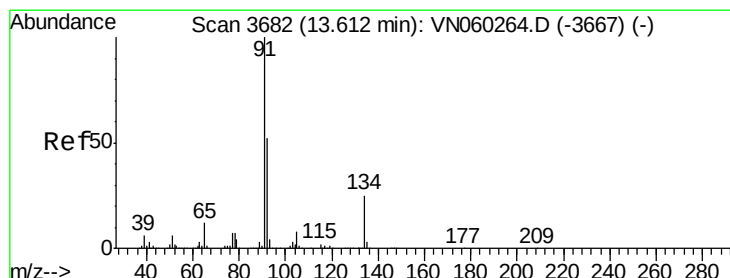
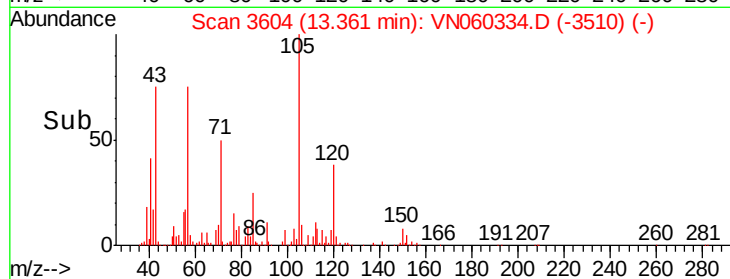
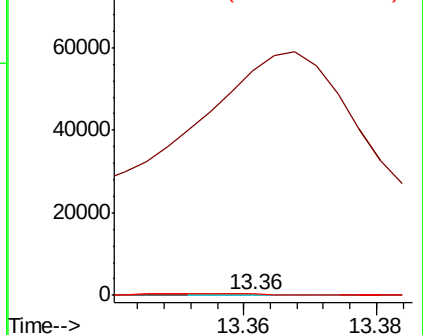
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 136
 Ion Ratio Lower Upper
 146 100
 111 59660.3 19.8 59.4#
 148 0.0 32.3 96.9#

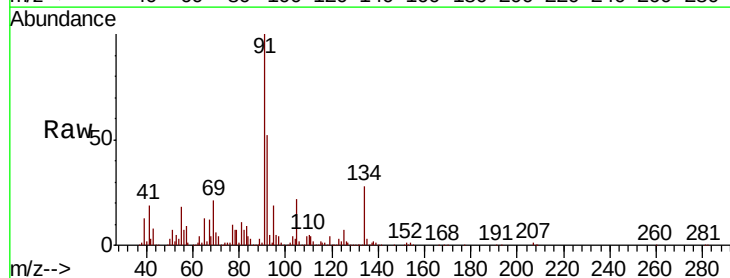


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

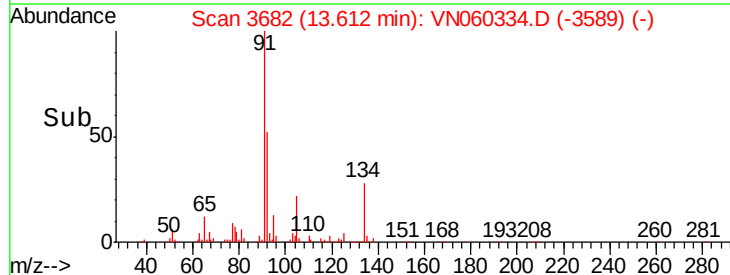
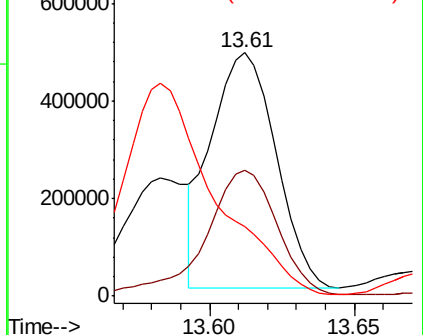


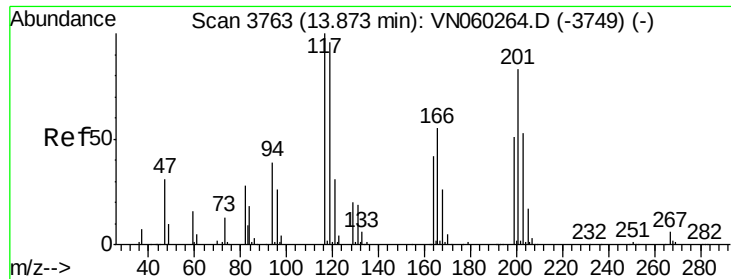
#89
 n-Butylbenzene
 Concen: 66.676 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Tgt Ion: 91 Resp: 748337
 Ion Ratio Lower Upper
 91 100
 92 58.1 26.0 78.0
 134 0.0 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 74.538 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

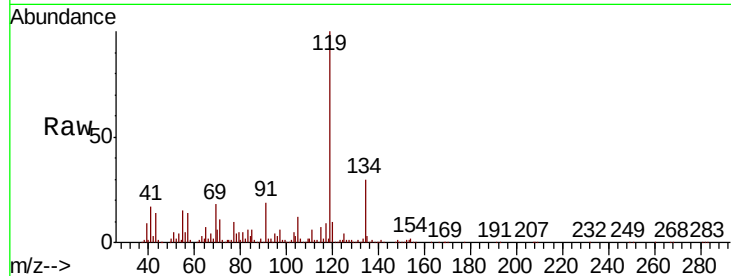
ClientSampled :

Tot Ion:117 Resp: 131913

Ion Ratio Lower Upper

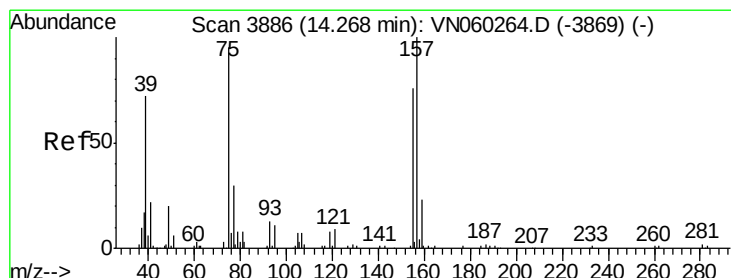
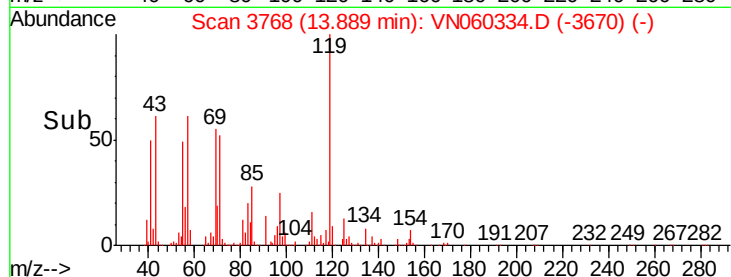
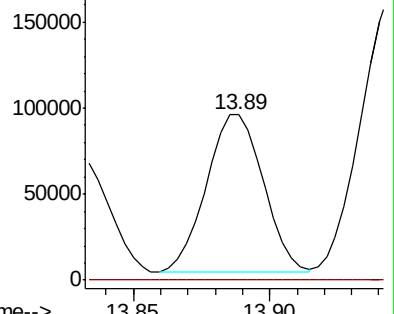
117 100

201 0.0 41.0 123.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.928 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.03 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

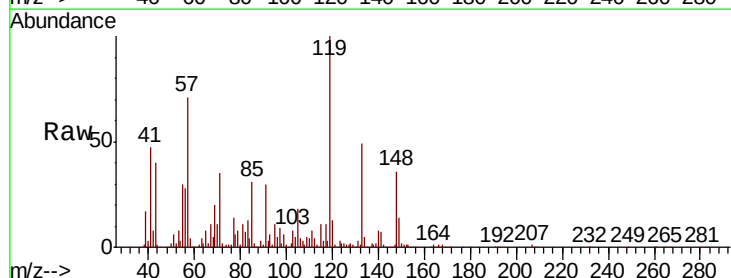
Tgt Ion: 75 Resp: 4938

Ion Ratio Lower Upper

75 100

155 47.9 40.4 121.2

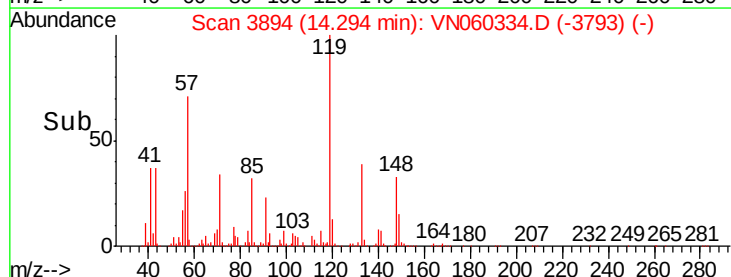
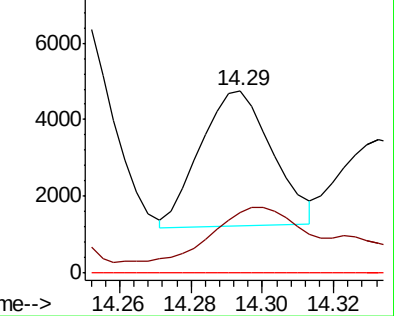
157 0.0 52.5 157.5#

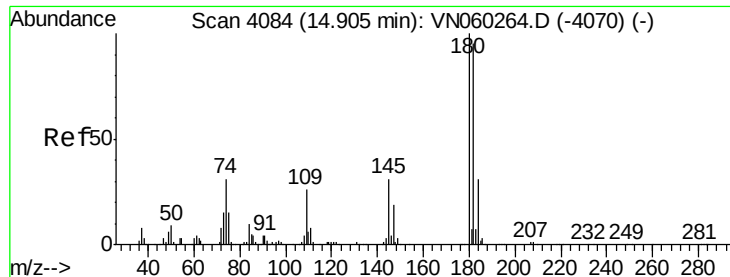


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.835 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN060334.D

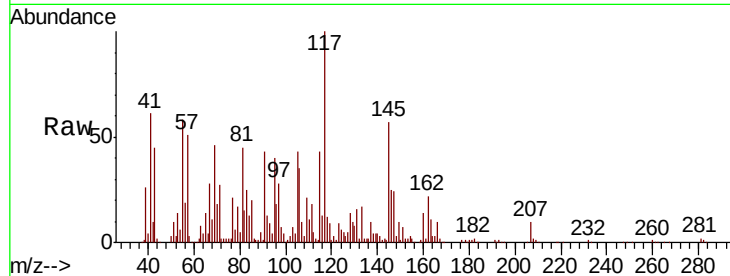
Acq: 3 Mar 2020 16:57

Instrument :

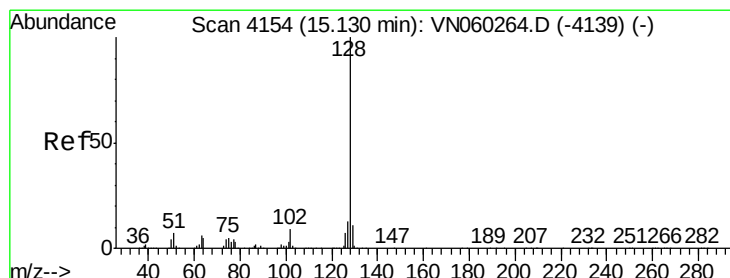
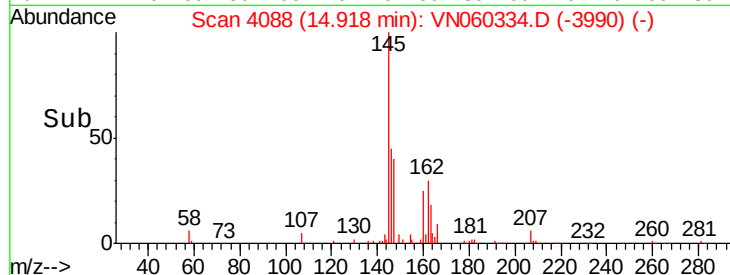
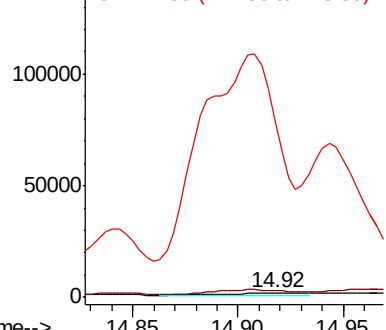
MSVOA_N

ClientSampled :

Tot Ion:180 Resp: 2764
 Ion Ratio Lower Upper
 180 100
 182 196.1 47.8 143.3#
 145 9869.0 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 18.774 ug/l

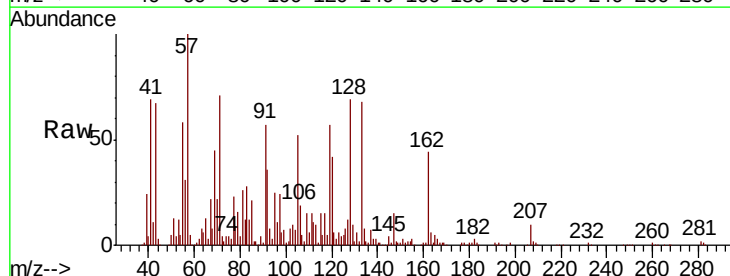
RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

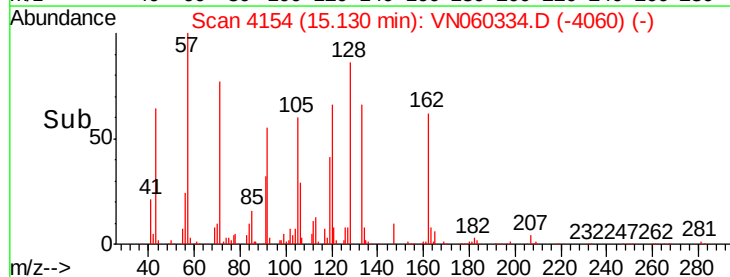
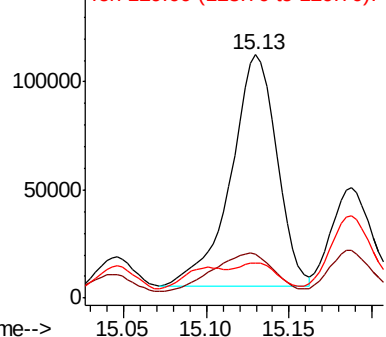
Lab File: VN060334.D

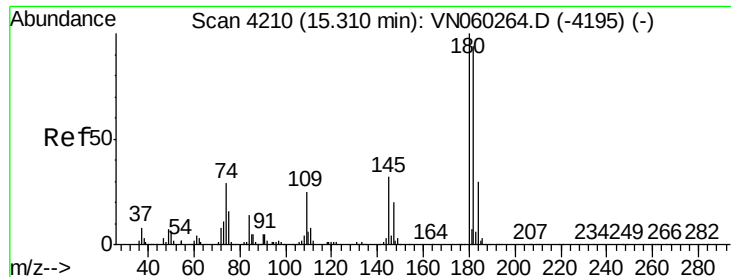
Acq: 3 Mar 2020 16:57

Tgt Ion:128 Resp: 206079
 Ion Ratio Lower Upper
 128 100
 127 21.1 10.4 15.6#
 129 0.0 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





#96
 1,2,3-Trichlorobenzene
 Concen: 2.017 ug/l
 RT: 15.34 min Scan# 4218
 Delta R.T. 0.03 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 7623
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 2417.0 16.2 48.5#

