

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060330.D
 Acq On : 3 Mar 2020 15:27
 Operator : JC/MD
 Sample : L1757-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 04 01:14:58 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	192494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	311536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	121735	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.57	113	88708	61.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.70%	
50) Toluene-d8	10.08	98	385257	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.40	95	145529	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	3.77	96	29	Below Cal	#	1
16) Acetone	3.79	43	27547	34.540	ug/l	96
18) Methyl Acetate	4.30	43	893	0.336	ug/l #	52
20) Methylene Chloride	4.52	84	5981	2.731	ug/l #	92
25) 2-Butanone	6.81	43	1396	1.084	ug/l #	49
31) Cyclohexane	7.64	56	4239	Below Cal	#	1
36) 1,1-Dichloropropene	7.64	75	14551	4.901	ug/l #	50
37) Ethyl Acetate	6.81	43	1396	0.497	ug/l #	68
38) Carbon Tetrachloride	7.64	117	18665	6.457	ug/l #	16
43) Isopropyl Acetate	8.14	43	34420	6.993	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	606	0.268	ug/l #	44
48) Methyl methacrylate	9.16	41	1922	0.856	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	3421	1.226	ug/l #	86
52) Toluene	10.14	92	2637	0.486	ug/l	95
54) cis-1,3-Dichloropropene	9.89	75	14658	3.872	ug/l #	61
57) 1,3-Dichloropropane	10.75	76	2377	0.668	ug/l #	42
59) 2-Hexanone	10.76	43	33235	16.221	ug/l #	52
67) Ethyl Benzene	11.51	91	12683	1.163	ug/l	98
68) m/p-Xylenes	11.61	106	17196	4.180	ug/l	97
69) o-Xylene	11.94	106	16146	4.116	ug/l	99
71) Bromoform	12.40	173	328	0.206	ug/l #	1
73) Isopropylbenzene	12.25	105	5033	0.473	ug/l	97
74) N-amyl acetate	12.02	43	1958	0.421	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	75045	23.832	ug/l #	100
78) n-propylbenzene	12.59	91	12326	0.989	ug/l	99
79) 2-Chlorotoluene	12.65	91	5276	0.720	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	26011	2.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	75045	65.788	ug/l #	8
82) 4-Chlorotoluene	12.73	91	2878	0.373	ug/l #	41
83) tert-Butylbenzene	13.04	119	10766	1.388	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.04	105	87734	9.705	ug/l	100
85) sec-Butylbenzene	13.17	105	3869	0.373	ug/l	86
86) p-Isopropyltoluene	13.28	119	3604	0.375	ug/l	97
87) 1,3-Dichlorobenzene	13.35	146	29	Below Cal	#	1

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

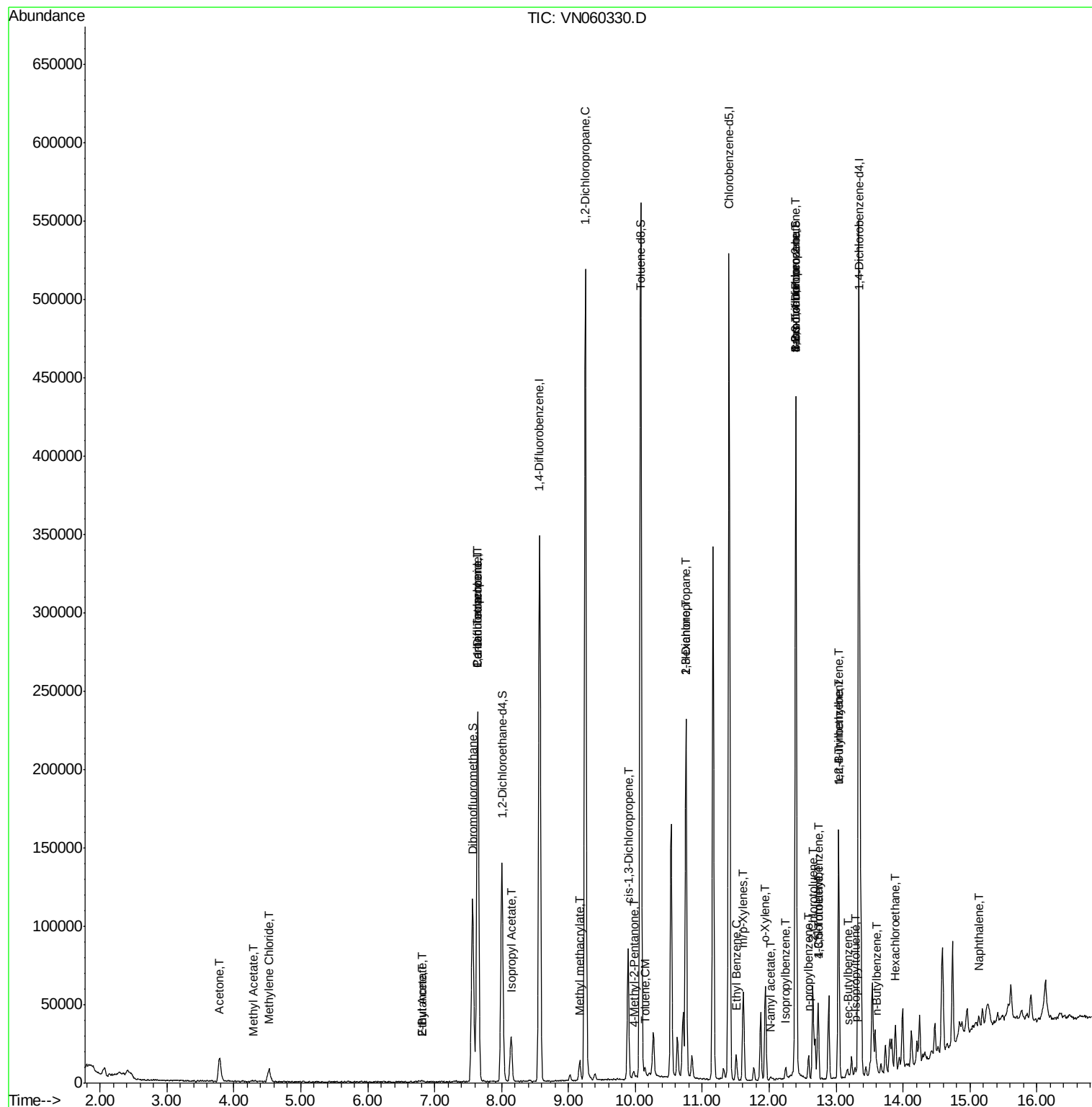
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.35	146	29	Below Cal	#	1
89) n-Butylbenzene	13.61	91	2905	0.329	ug/l #	74
90) Hexachloroethane	13.89	117	1409	1.013	ug/l #	8
95) Naphthalene	15.13	128	5875	0.418	ug/l #	95

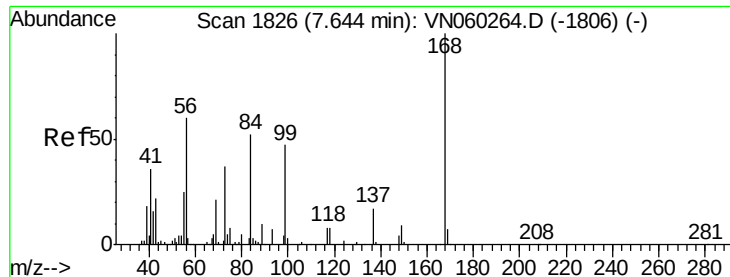
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030320\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

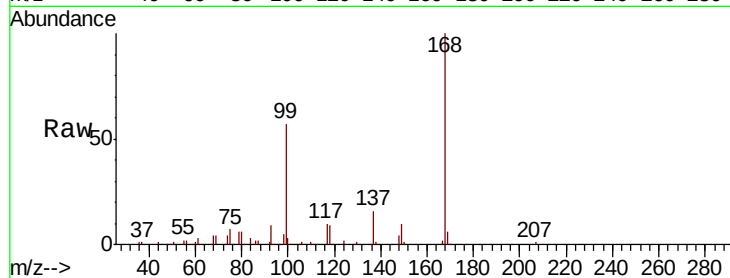
ClientSampled :

Tot Ion:168 Resp: 192494

Ion Ratio Lower Upper

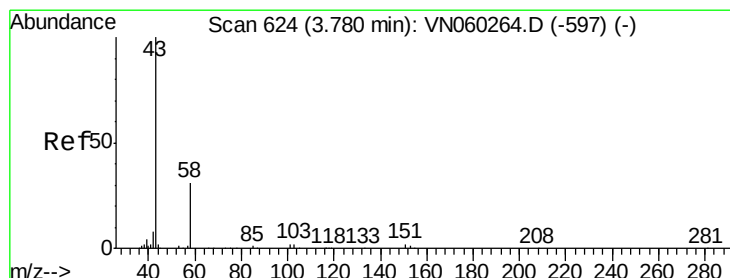
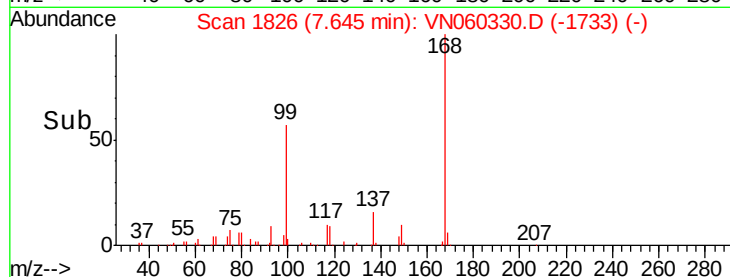
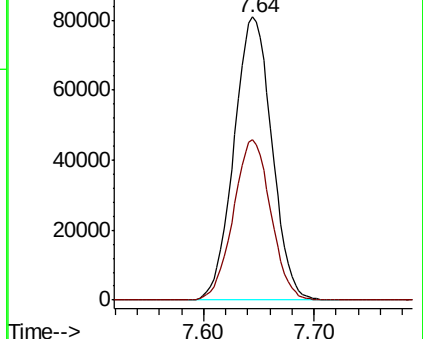
168 100

99 56.7 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 34.540 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060330.D

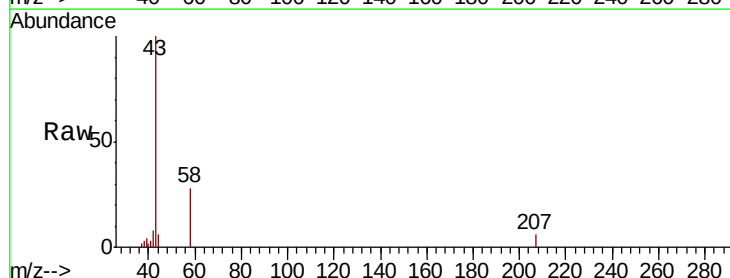
Acq: 3 Mar 2020 15:27

Tgt Ion: 43 Resp: 27547

Ion Ratio Lower Upper

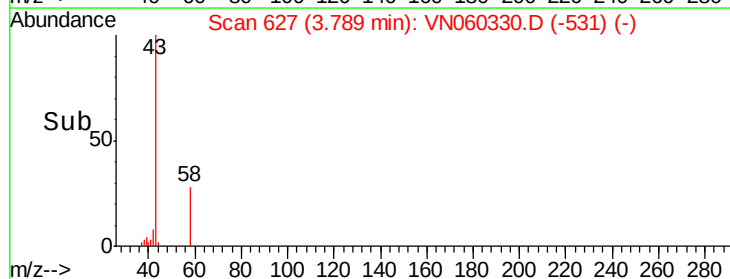
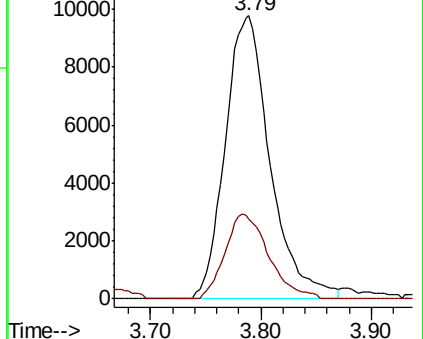
43 100

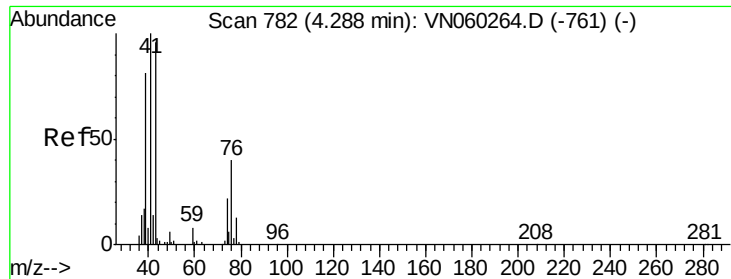
58 28.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

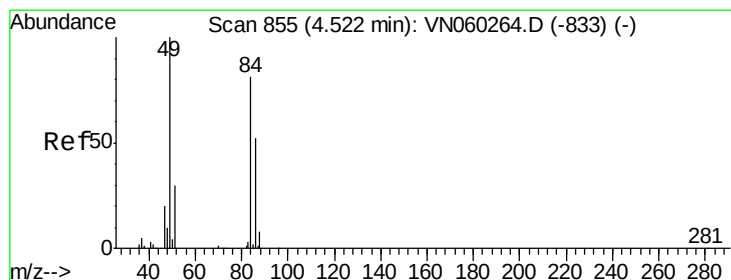
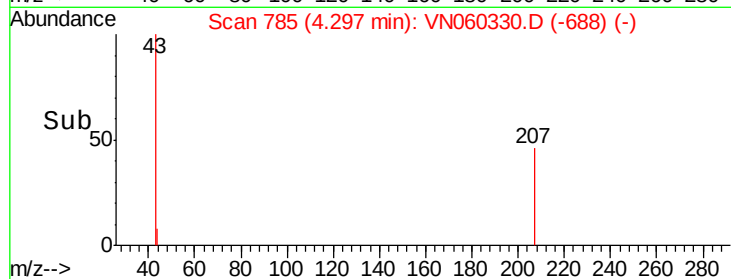
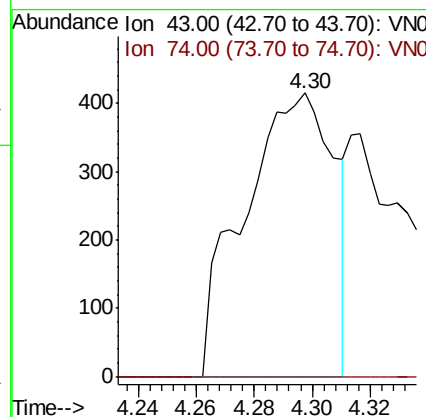
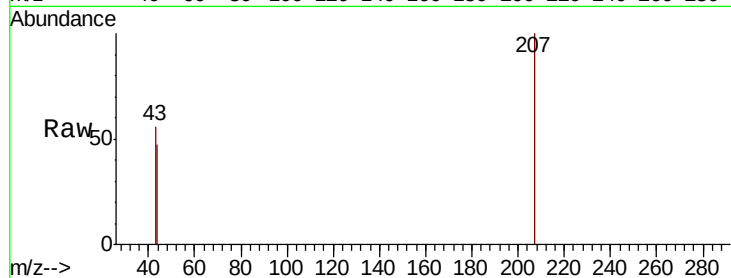




#18
Methvl Acetate
Concen: 0.336 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

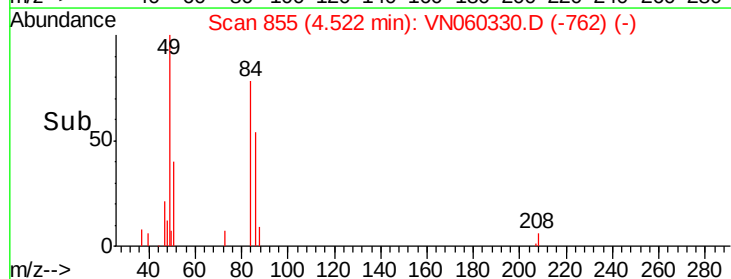
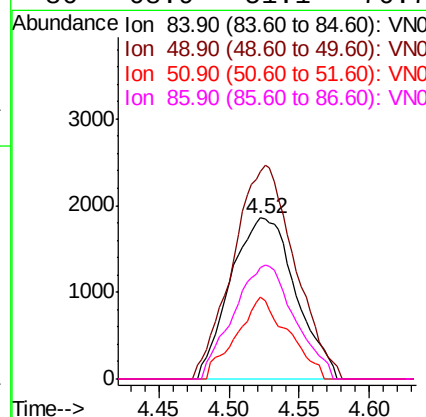
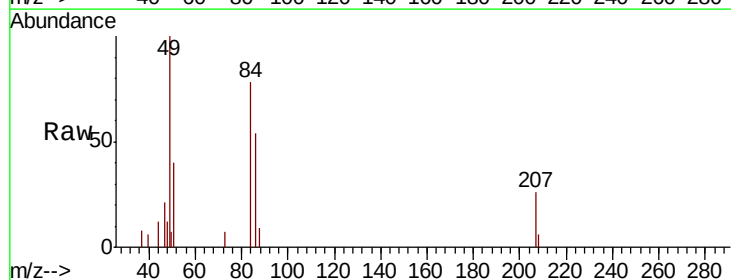
Instrument :
MSVOA_N
ClientSampleId :

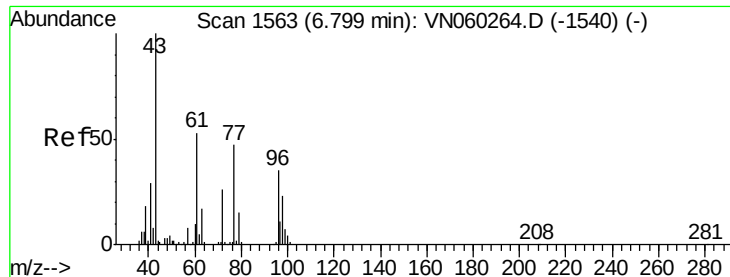
Tot Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 2.731 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

Tgt Ion: 84 Resp: 5981
Ion Ratio Lower Upper
84 100
49 128.4 99.3 148.9
51 50.8 30.1 45.1#
86 68.9 51.1 76.7





#25

2-Butanone

Concen: 1.084 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

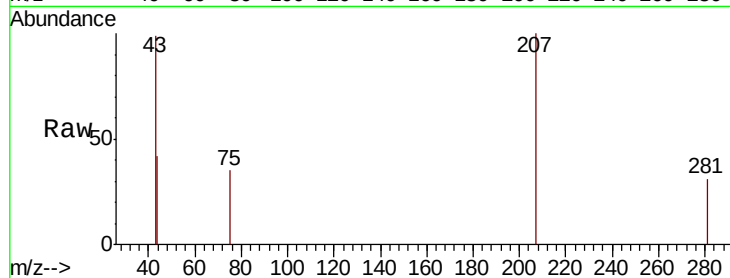
ClientSampleId :

Tot Ion: 43 Resp: 1396

Ion Ratio Lower Upper

43 100

72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.81

500

400

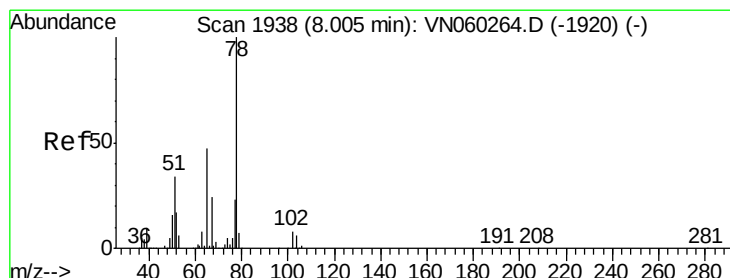
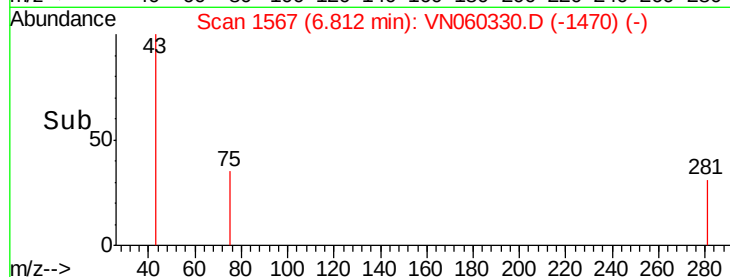
300

200

100

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.291 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060330.D

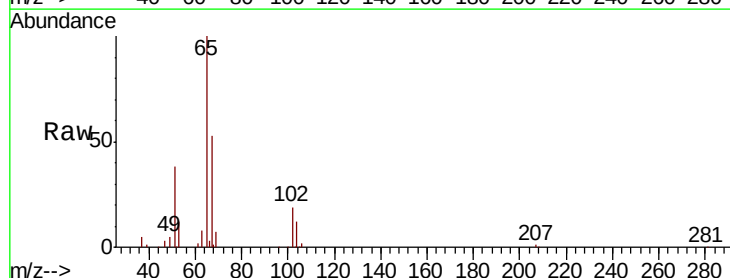
Acq: 3 Mar 2020 15:27

Tgt Ion: 65 Resp: 121735

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

60000

50000

40000

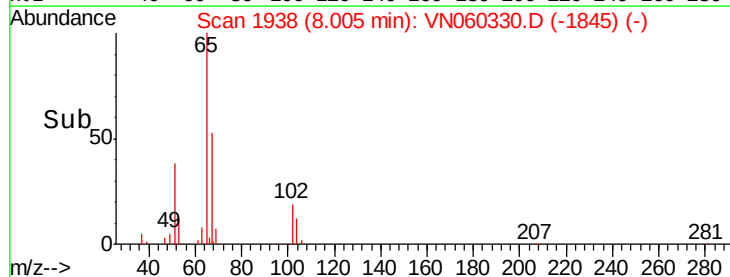
30000

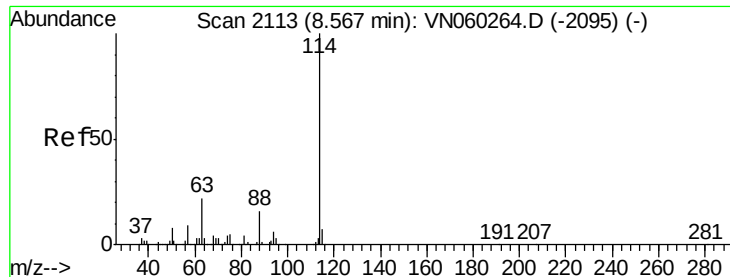
20000

10000

0

Time-->

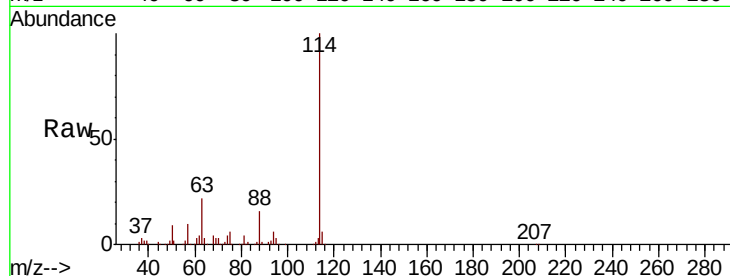




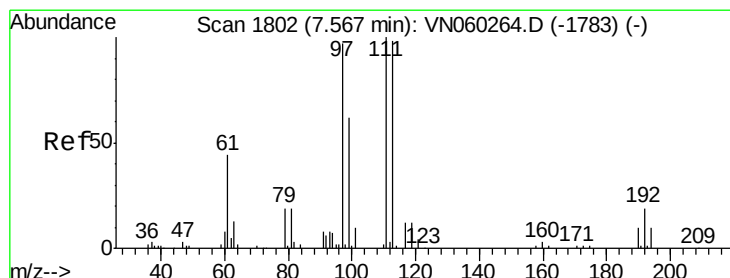
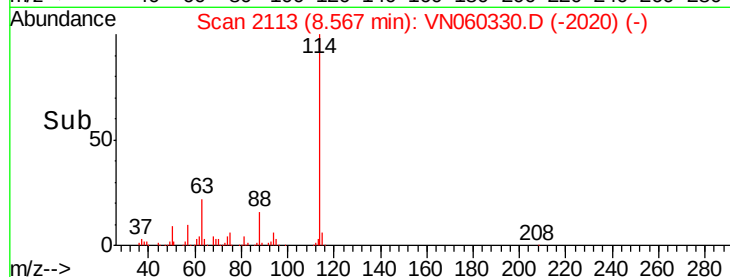
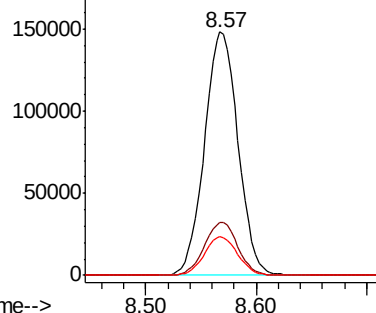
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	15.9	0.0	31.6

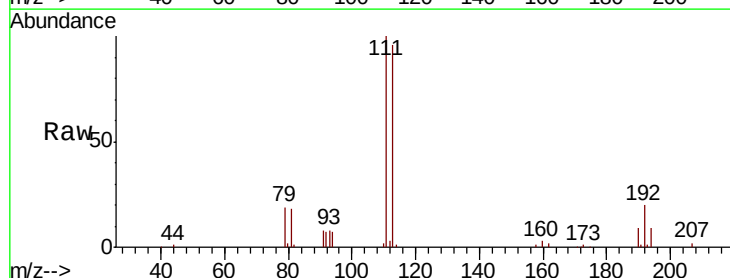


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

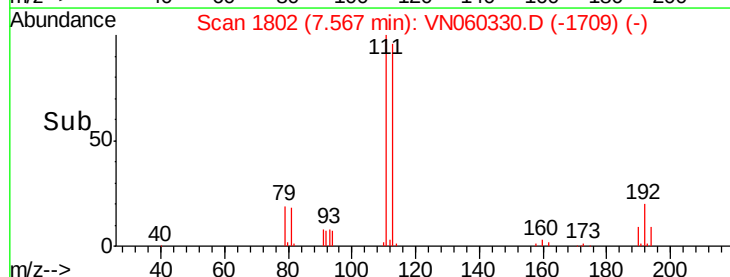
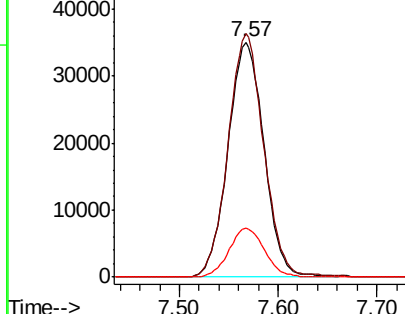


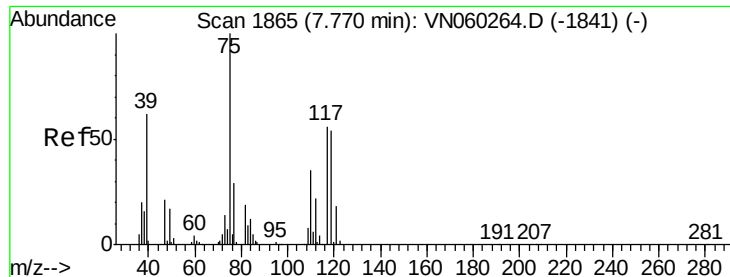
#35
Dibromofluoromethane
Concen: 61.345 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	20.5	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.901 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

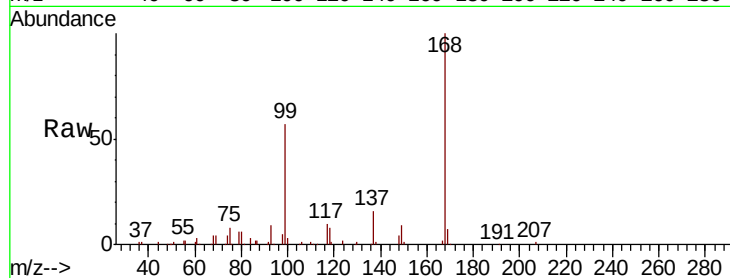
Tot Ion: 75 Resp: 14551

Ion Ratio Lower Upper

75 100

110 8.1 17.3 52.0#

77 0.0 24.2 36.2#



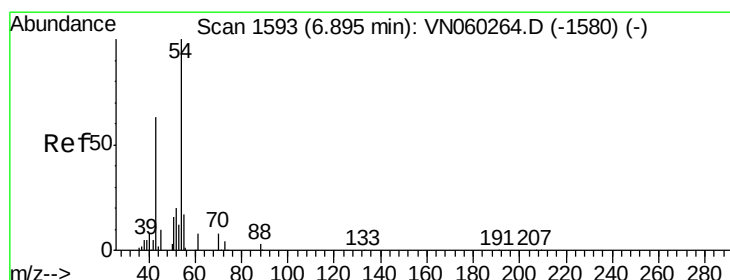
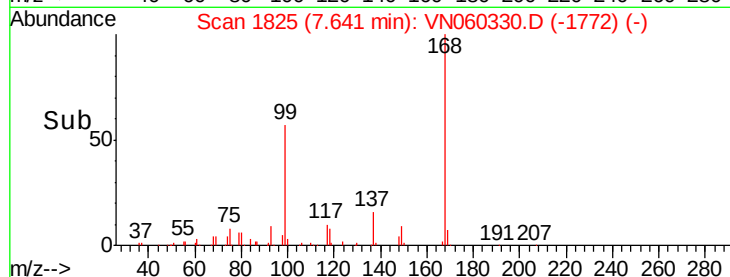
Abundance Ion 74.90 (74.60 to 75.60): VN060330.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN060330.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN060330.D (-1772) (-)

7.64

Time-->



#37

Ethyl Acetate

Concen: 0.497 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.08 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

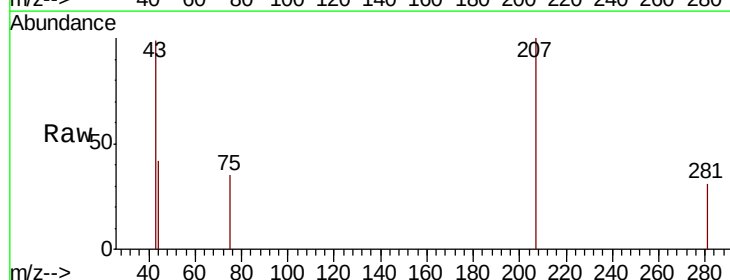
Tgt Ion: 43 Resp: 1396

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.4 12.6#



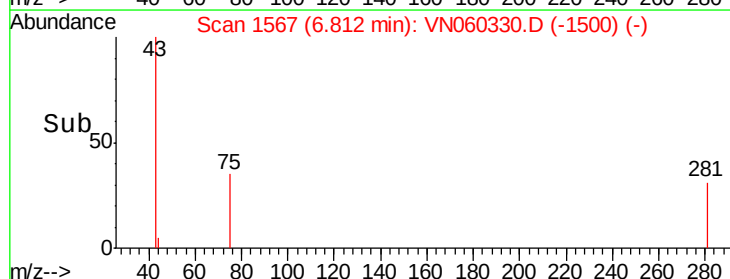
Abundance Ion 43.00 (42.70 to 43.70): VN060330.D (-1500) (-)

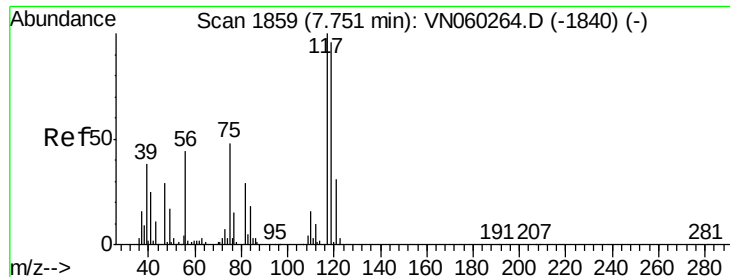
Ion 60.90 (60.60 to 61.60): VN060330.D (-1500) (-)

Ion 70.00 (69.70 to 70.70): VN060330.D (-1500) (-)

6.81

Time-->

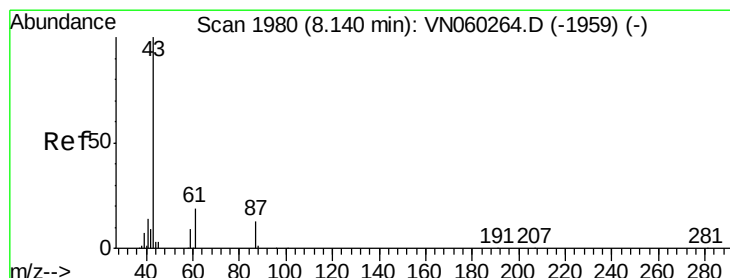
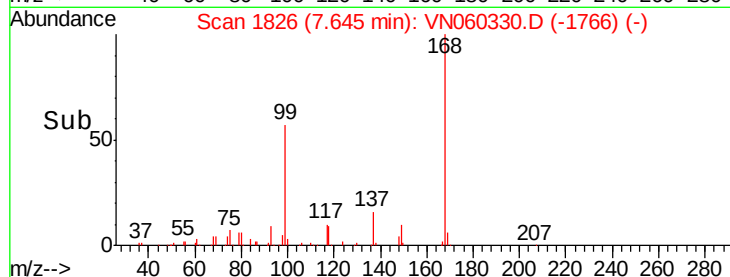
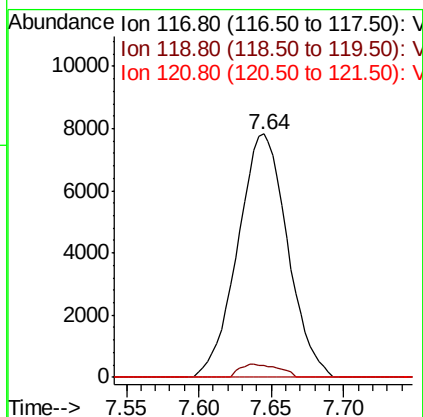
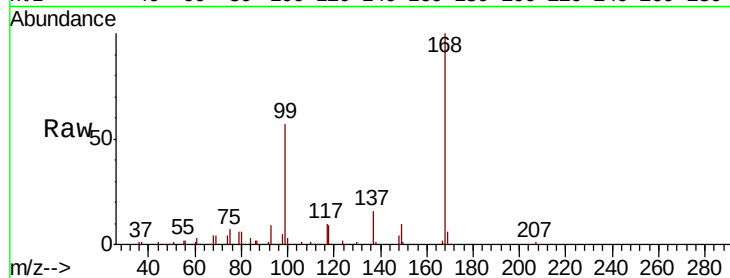




#38
Carbon Tetrachloride
Concen: 6.457 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

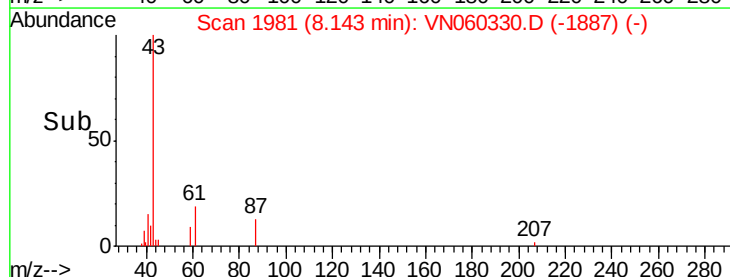
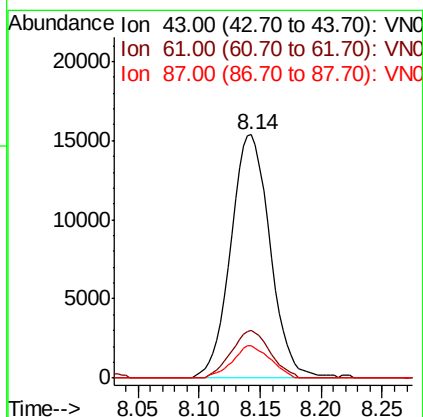
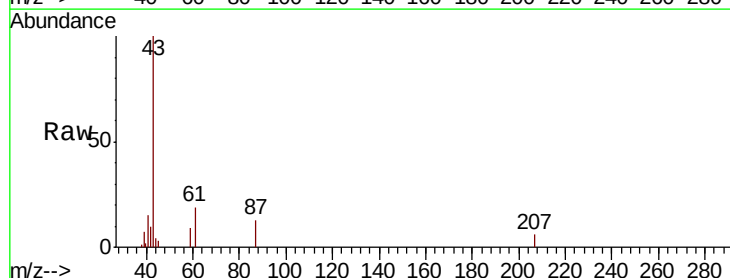
Instrument :
MSVOA_N
ClientSampled :

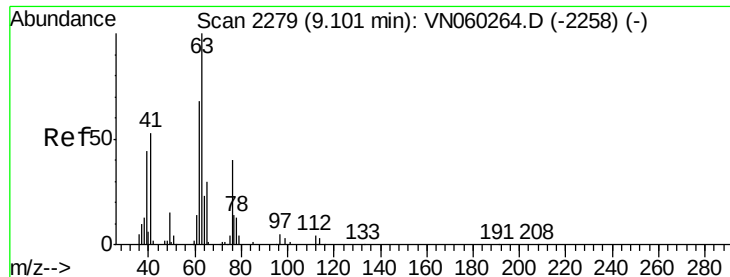
Tot Ion:117 Resp: 18665
Ion Ratio Lower Upper
117 100
119 4.7 76.7 115.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 6.993 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

Tgt Ion: 43 Resp: 34420
Ion Ratio Lower Upper
43 100
61 19.2 20.9 31.3#
87 12.7 10.6 16.0





#45

1,2-Dichloropropane

Concen: 0.268 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

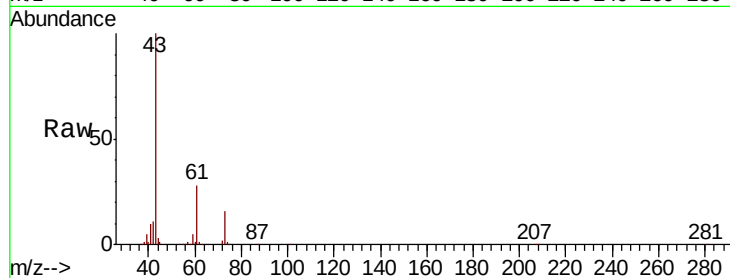
ClientSampled :

Tot Ion: 63 Resp: 606

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.25

400

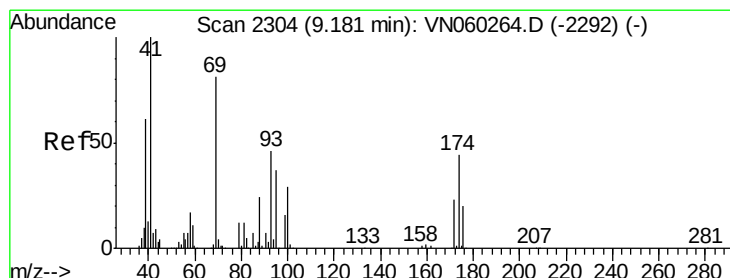
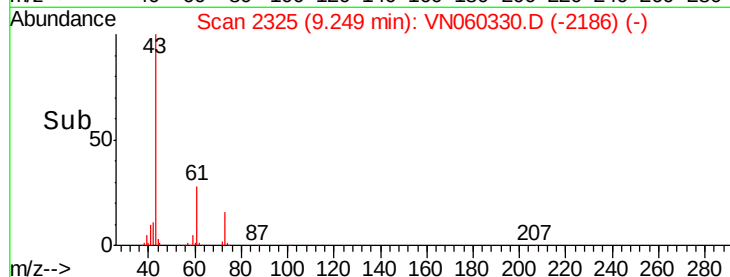
300

200

100

0

Time-->



#48

Methyl methacrylate

Concen: 0.856 ug/l

RT: 9.16 min Scan# 2297

Delta R.T. -0.02 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

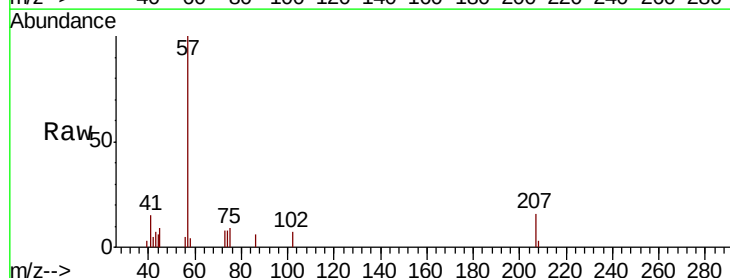
Tgt Ion: 41 Resp: 1922

Ion Ratio Lower Upper

41 100

69 0.0 66.7 100.1#

39 0.0 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

25000

20000

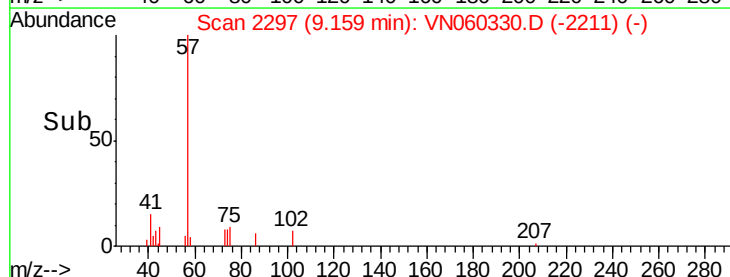
15000

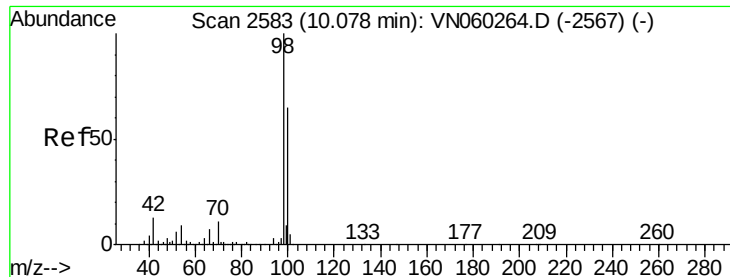
10000

5000

0

Time-->





#50

Toluene-d8

Concen: 52.640 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

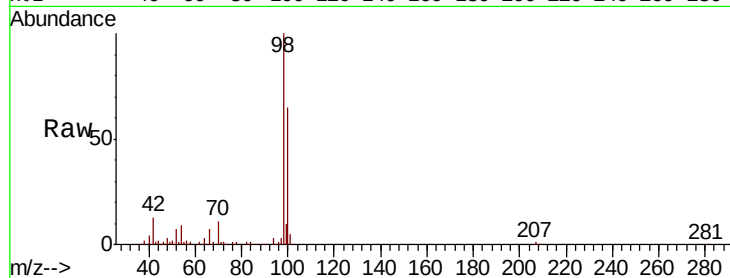
ClientSampled :

Tot Ion: 98 Resp: 385257

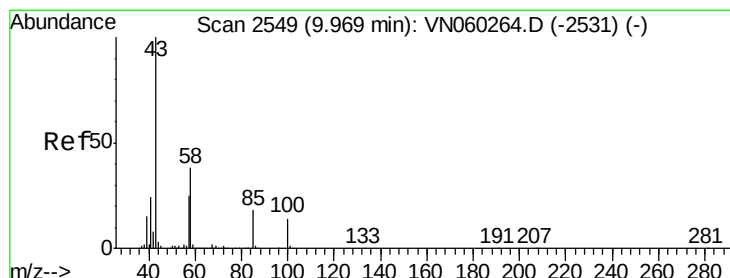
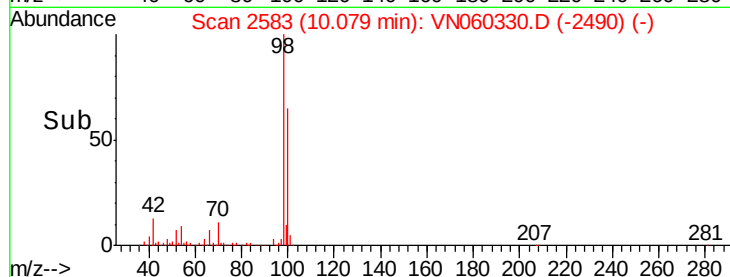
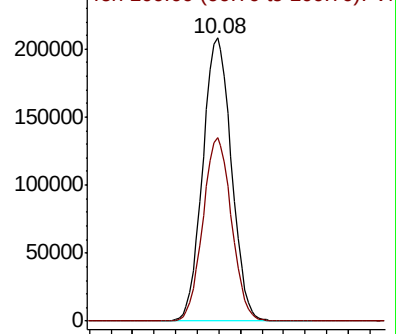
Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060330.D (-2490) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.226 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060330.D

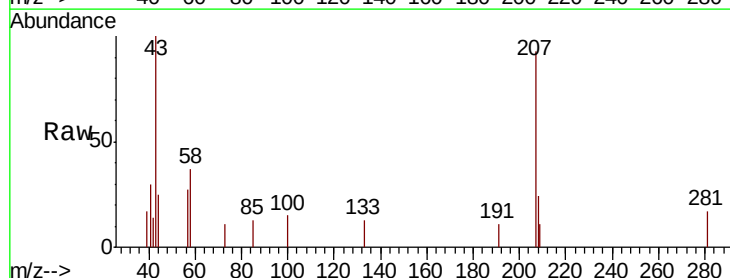
Acq: 3 Mar 2020 15:27

Tgt Ion: 43 Resp: 3421

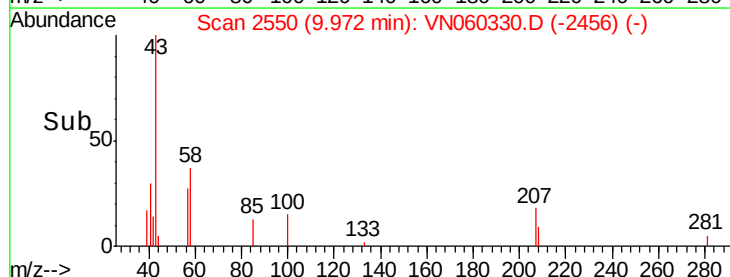
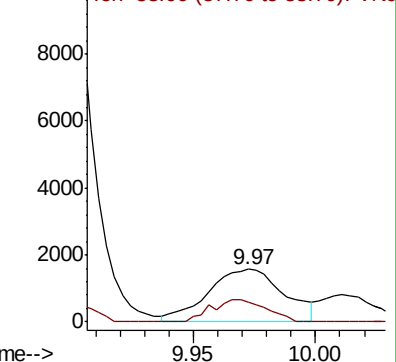
Ion Ratio Lower Upper

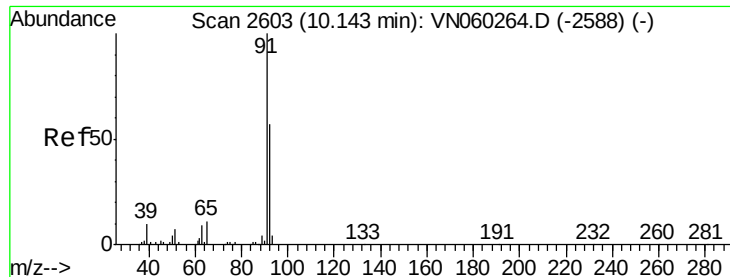
43 100

58 30.1 30.9 46.3#



Abundance Ion 43.00 (42.70 to 43.70): VN060330.D (-2456) (-)





#52

Toluene

Concen: 0.486 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

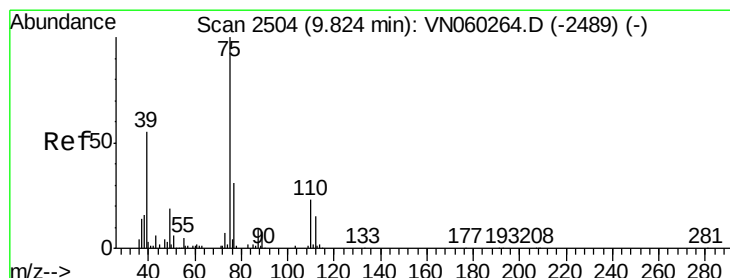
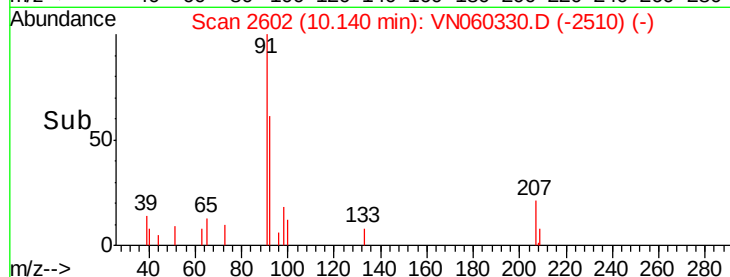
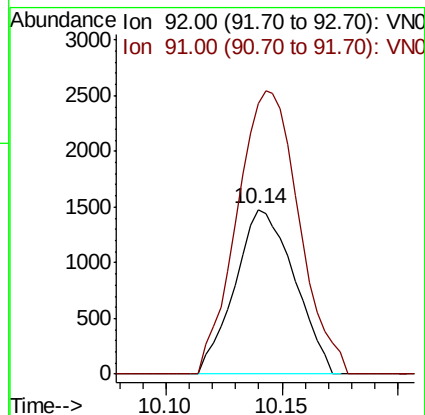
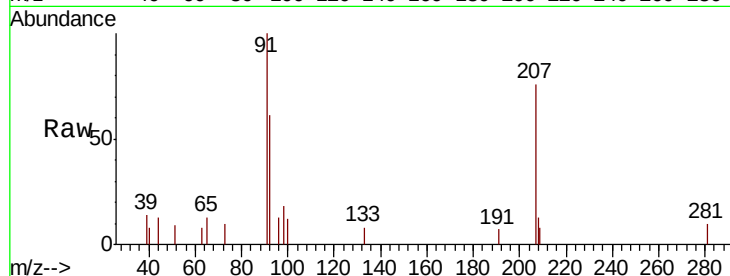
ClientSampleId :

Tot Ion: 92 Resp: 2637

Ion Ratio Lower Upper

92 100

91 179.1 138.1 207.1



#54

cis-1,3-Dichloropropene

Concen: 3.872 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

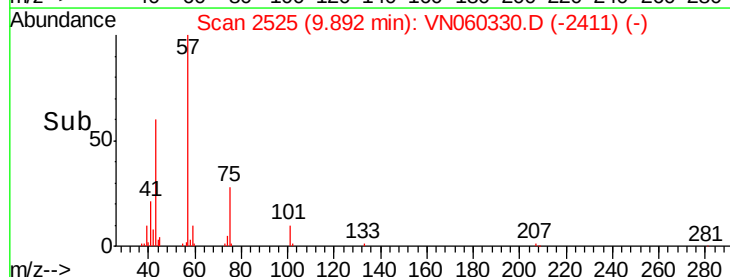
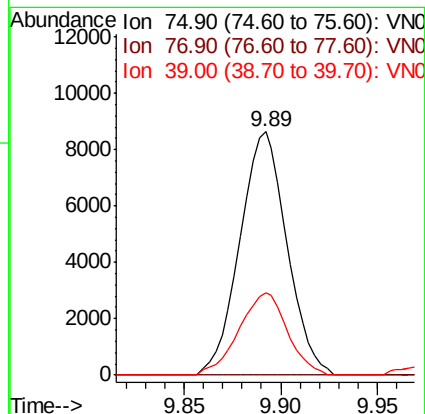
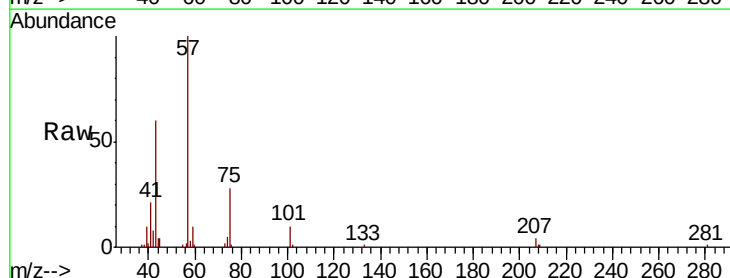
Tgt Ion: 75 Resp: 14658

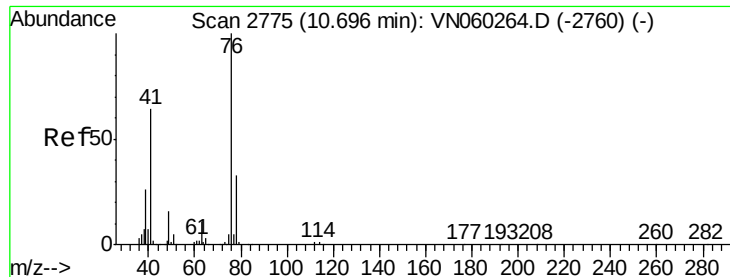
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 34.0 43.8 65.8#

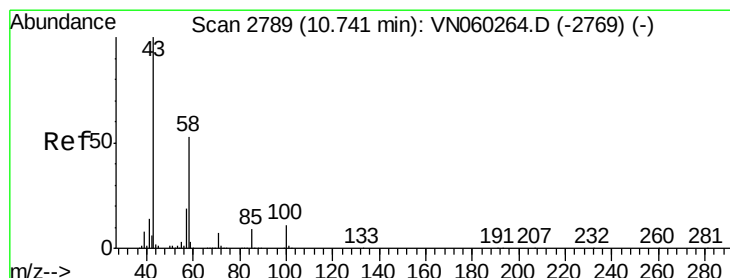
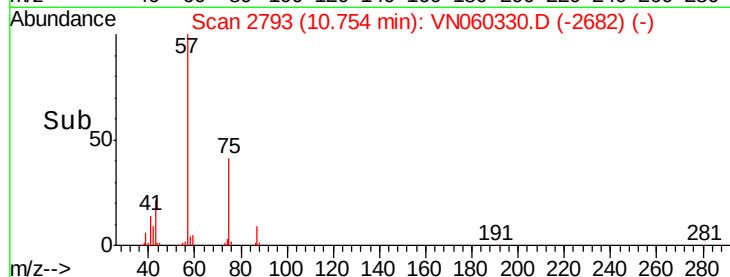
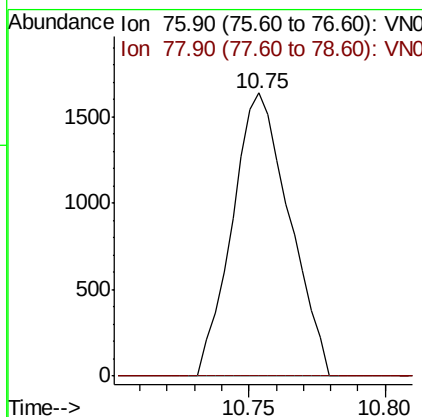
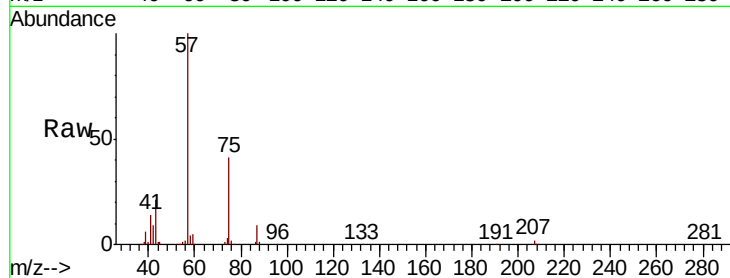




#57
 1,3-Dichloropropane
 Concen: 0.668 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN060330.D
 Acq: 3 Mar 2020 15:27

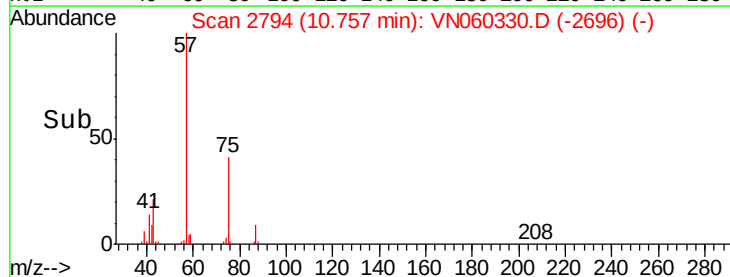
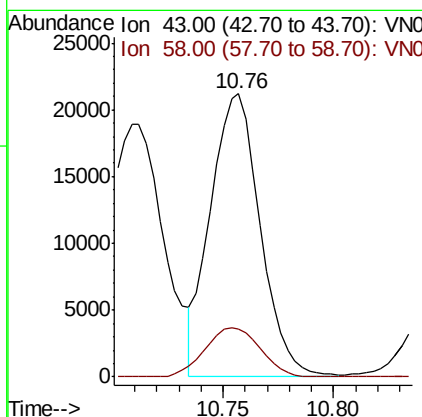
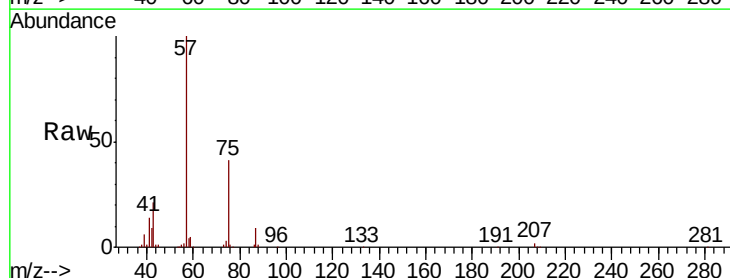
Instrument :
 MSVOA_N
 ClientSampleId :

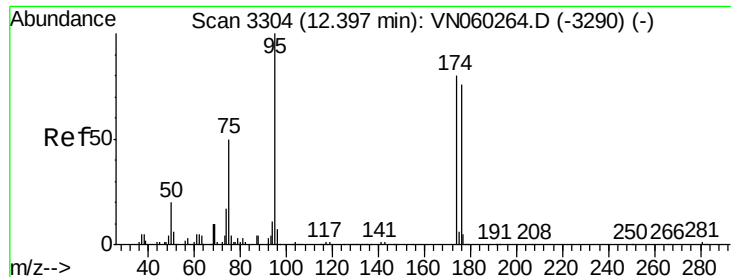
Tot Ion: 76 Resp: 2377
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#



#59
 2-Hexanone
 Concen: 16.221 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.02 min
 Lab File: VN060330.D
 Acq: 3 Mar 2020 15:27

Tgt Ion: 43 Resp: 33235
 Ion Ratio Lower Upper
 43 100
 58 19.2 26.5 79.5#





#62

4-Bromofluorobenzene

Concen: 52.456 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

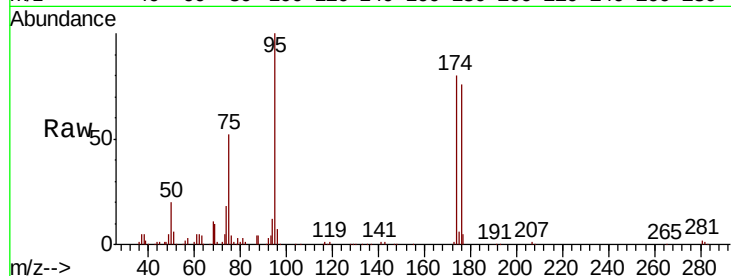
Tot Ion: 95 Resp: 145529

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.2

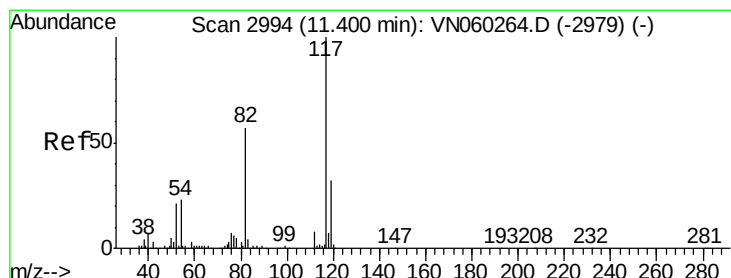
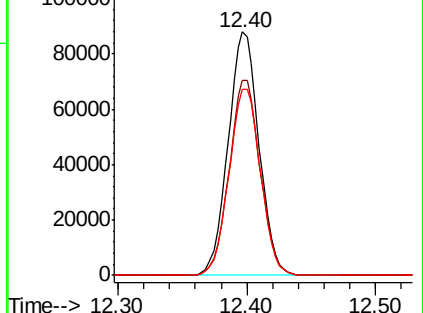
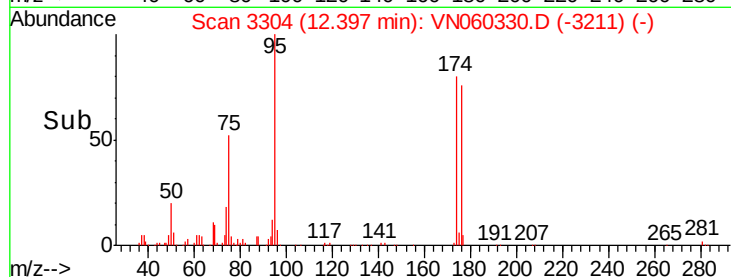
176 78.2 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060330.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060330.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060330.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

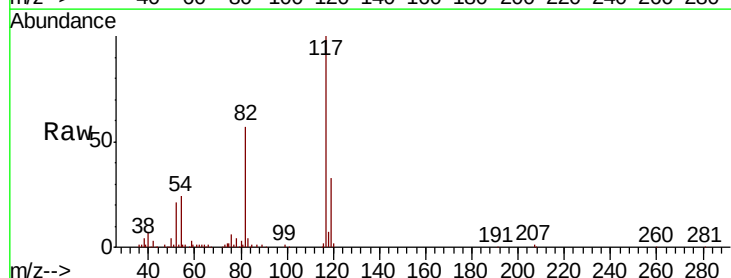
Tgt Ion: 117 Resp: 296534

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.6

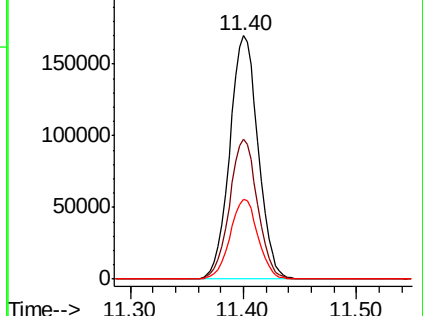
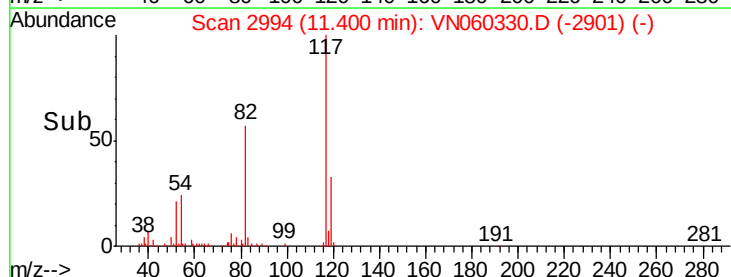
119 32.8 25.8 38.8

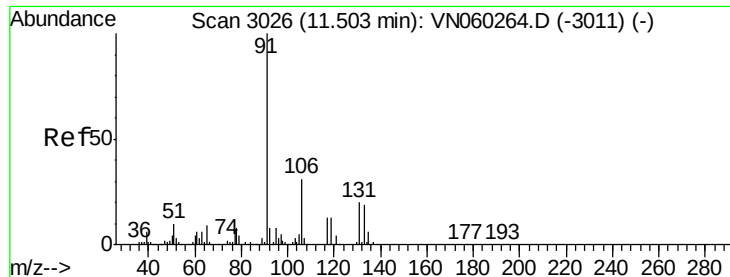


Abundance Ion 116.90 (116.60 to 117.60): VN060330.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060330.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060330.D (-2901) (-)





#67

Ethyl Benzene

Concen: 1.163 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

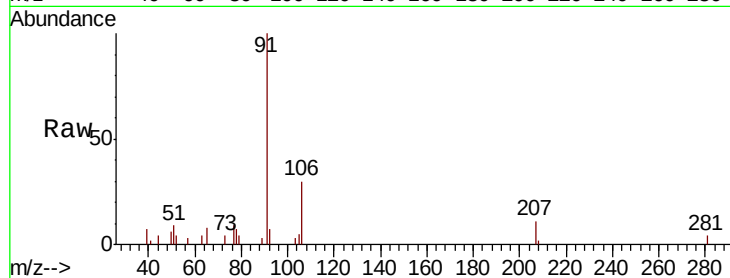
ClientSampled :

Tot Ion: 91 Resp: 12683

Ion Ratio Lower Upper

91 100

106 30.0 24.7 37.1



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

Ion 106.00 (105.70 to 106.70): VN060264.D (-3011) (-)

11.51

8000

6000

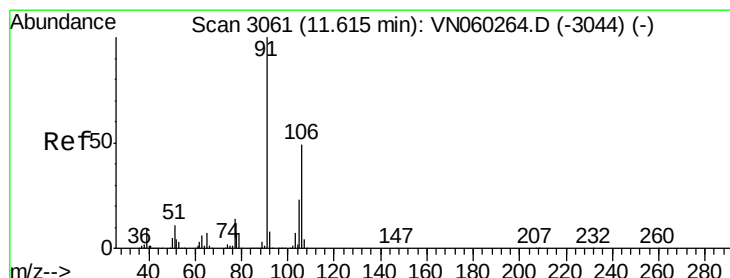
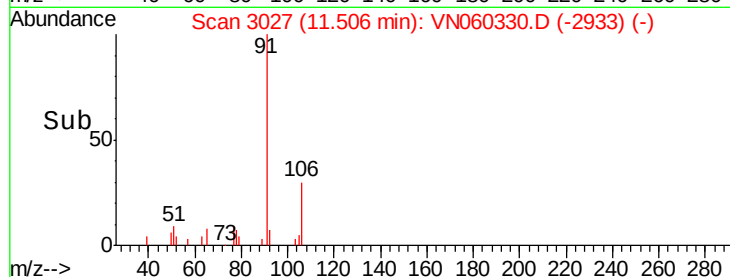
4000

2000

0

Time-->

11.45 11.50 11.55



#68

m/p-Xylenes

Concen: 4.180 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060330.D

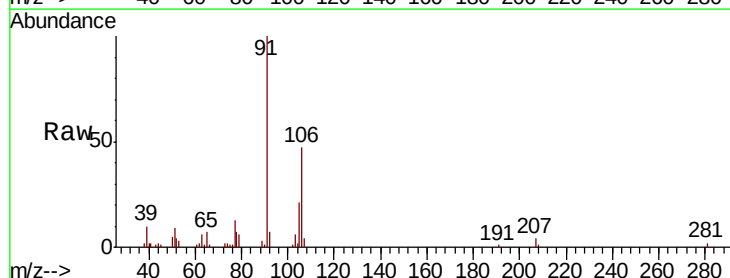
Acq: 3 Mar 2020 15:27

Tgt Ion: 106 Resp: 17196

Ion Ratio Lower Upper

106 100

91 210.3 164.5 246.7



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

Ion 91.00 (90.70 to 91.70): VN060264.D (-3044) (-)

11.61

20000

15000

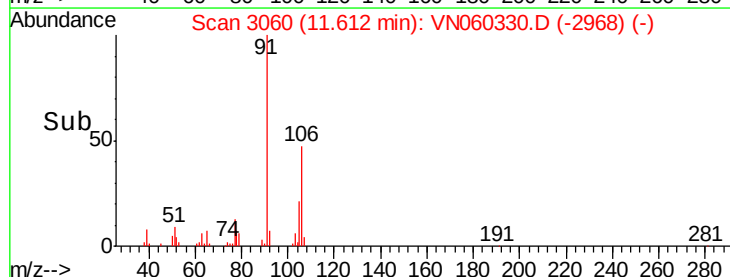
10000

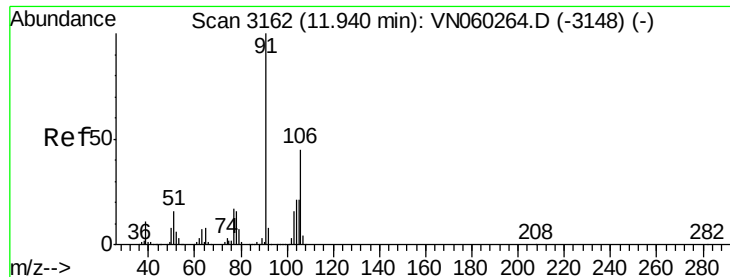
5000

0

Time-->

11.55 11.60 11.65

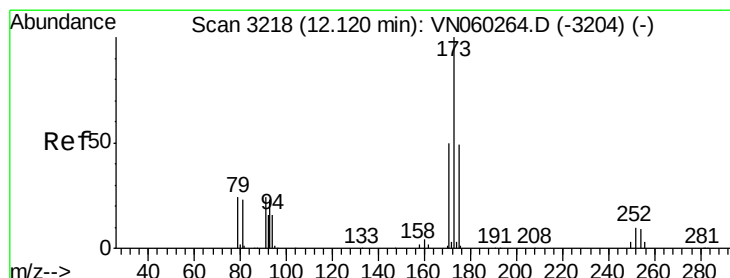
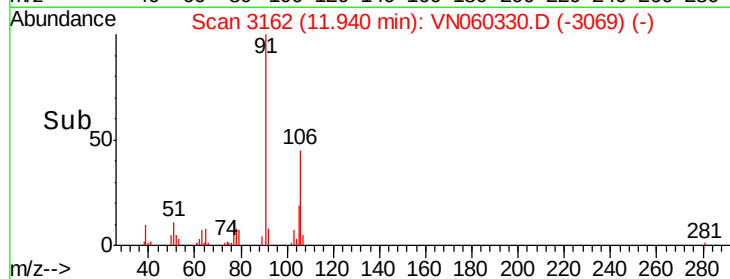
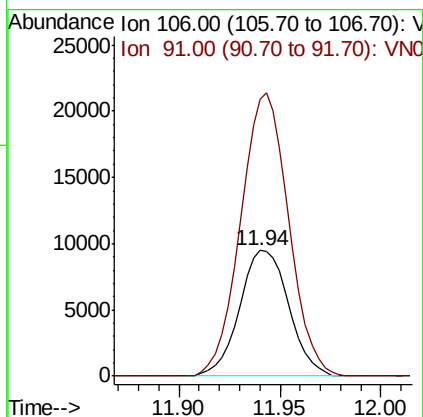
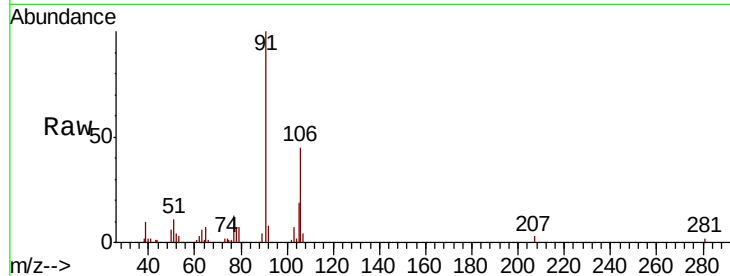




#69
o-Xylene
Concen: 4.116 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

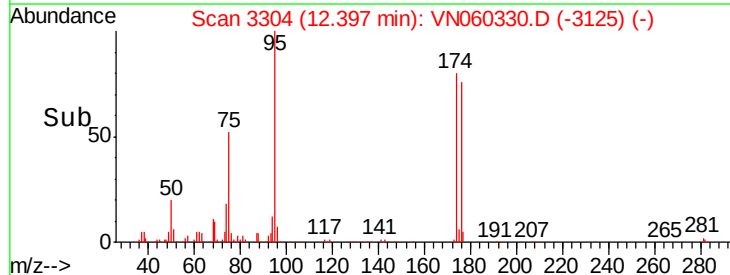
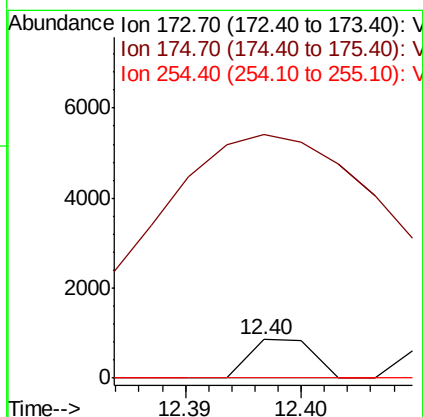
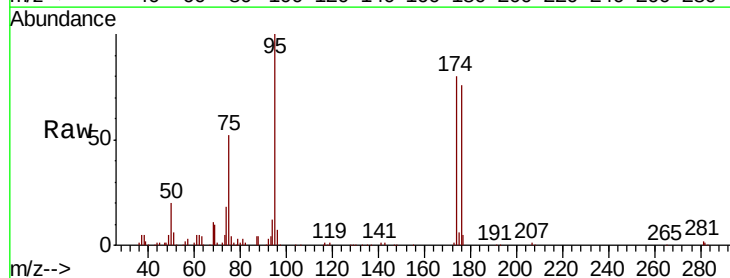
Instrument :
MSVOA_N
ClientSampled :

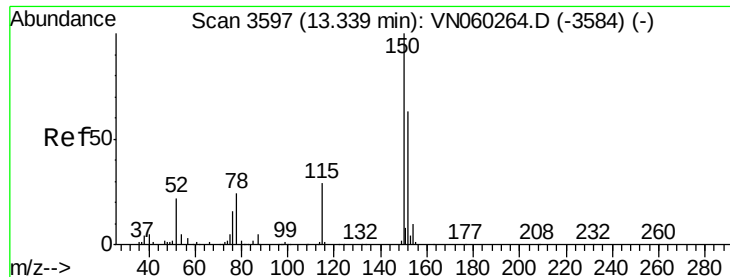
Tot Ion:106 Resp: 16146
Ion Ratio Lower Upper
106 100
91 220.2 109.5 328.4



#71
Bromoform
Concen: 0.206 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

Tgt Ion:173 Resp: 328
Ion Ratio Lower Upper
173 100
175 2241.5 24.1 72.2#
254 0.0 0.0 0.0

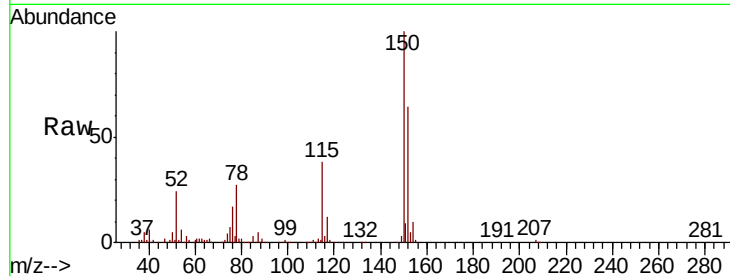




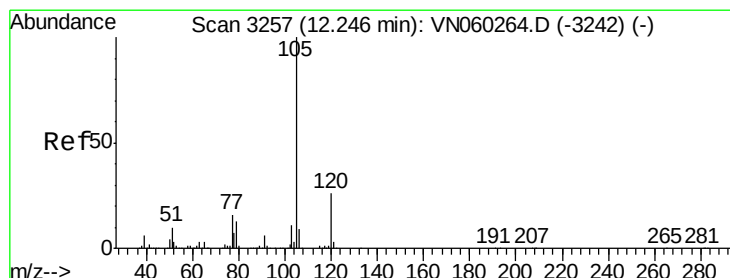
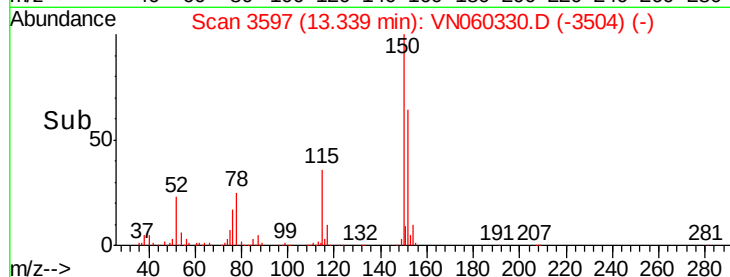
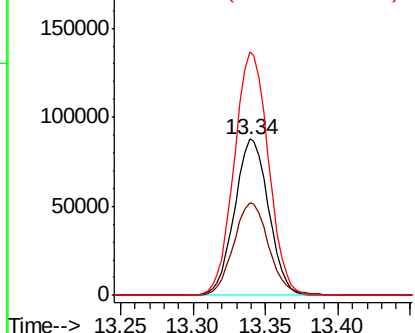
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN060330.D
 Acq: 3 Mar 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 143522
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.0 90.0
 150 156.7 0.0 349.6

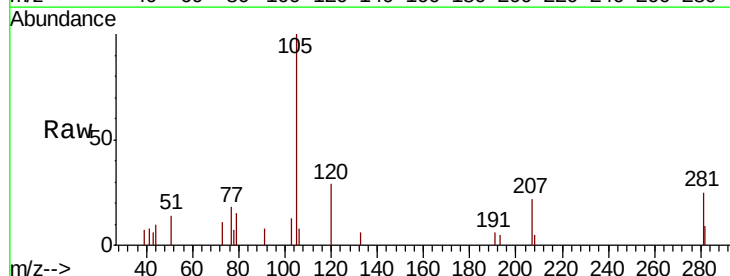


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

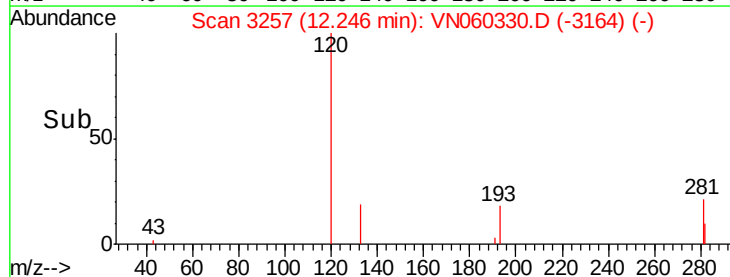
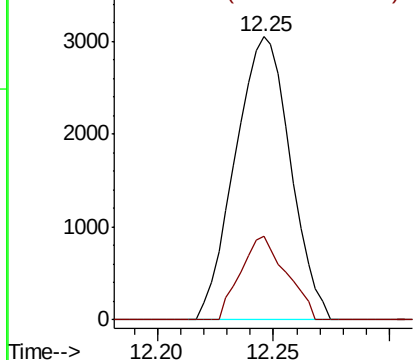


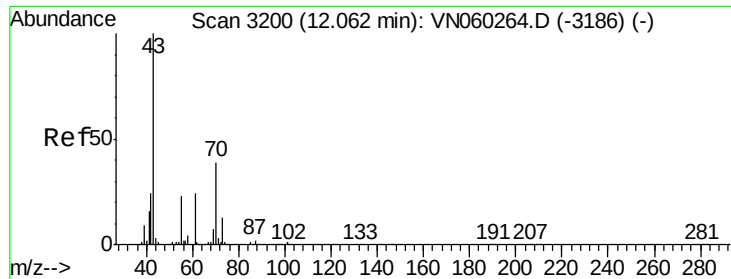
#73
 Isopropylbenzene
 Concen: 0.473 ug/l
 RT: 12.25 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: VN060330.D
 Acq: 3 Mar 2020 15:27

Tgt Ion:105 Resp: 5033
 Ion Ratio Lower Upper
 105 100
 120 24.4 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

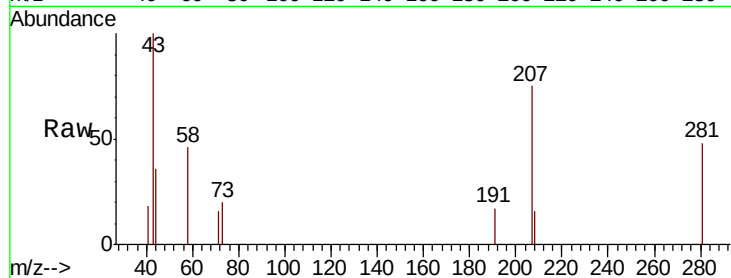




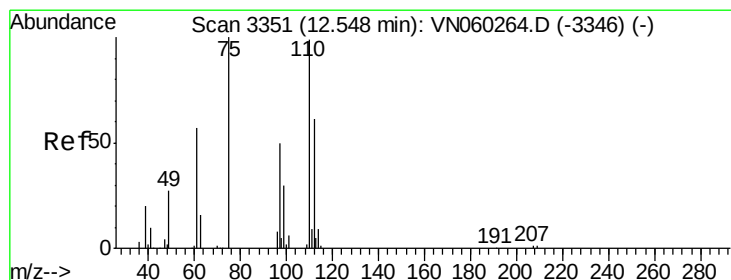
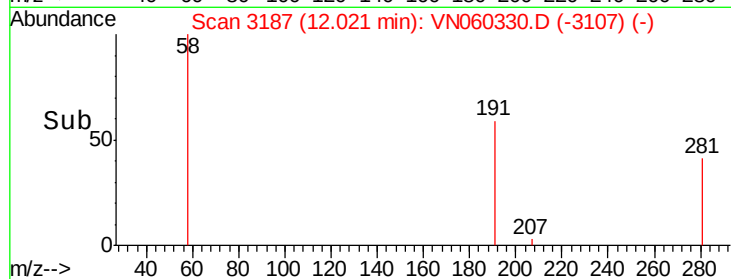
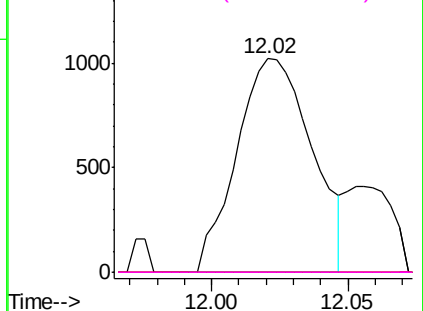
#74
N-amvl acetate
Concen: 0.421 ug/l
RT: 12.02 min Scan# 3187
Delta R.T. -0.04 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1958
Ion Ratio Lower Upper
43 100
70 0.0 32.2 48.2#
55 0.0 18.2 27.4#
61 0.0 19.2 28.8#

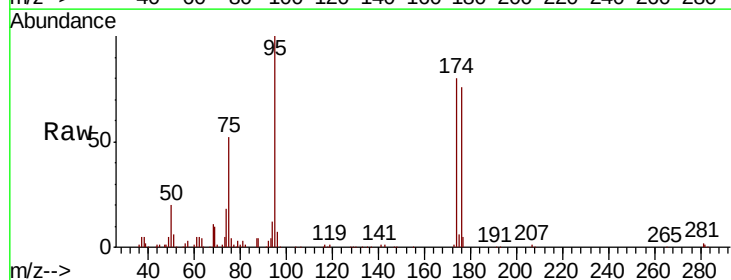


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 70.00 (69.70 to 70.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 61.00 (60.70 to 61.70): VN0

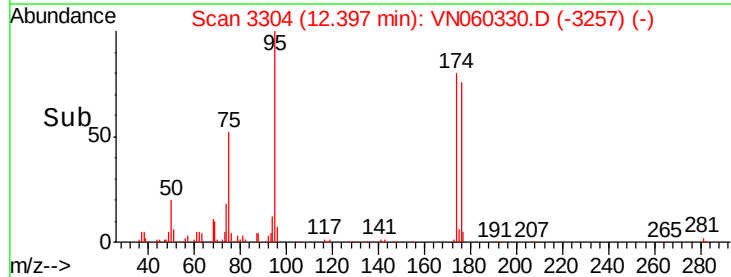
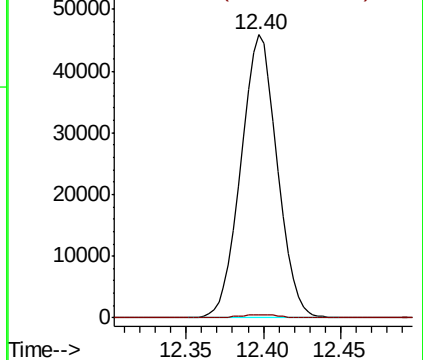


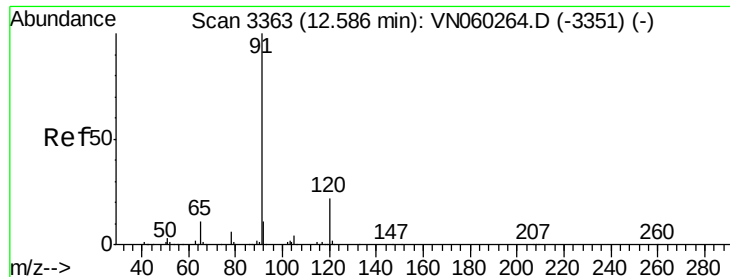
#76
1,2,3-Trichloropropane
Concen: 23.832 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060330.D
Acq: 3 Mar 2020 15:27

Tgt Ion: 75 Resp: 75045
Ion Ratio Lower Upper
75 100
77 1.1 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: 0.989 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

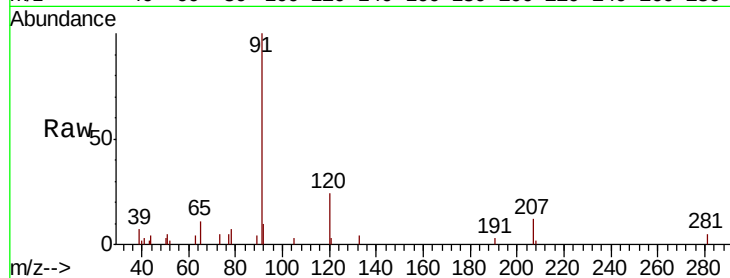
ClientSampled :

Tot Ion: 91 Resp: 12326

Ion Ratio Lower Upper

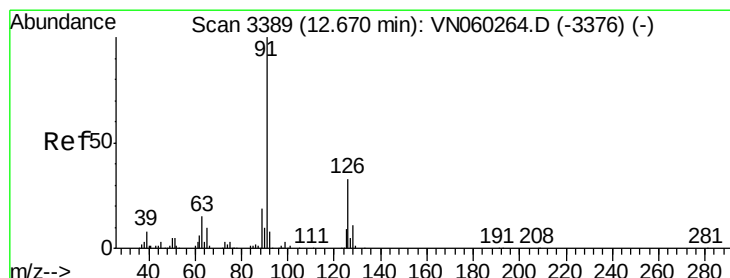
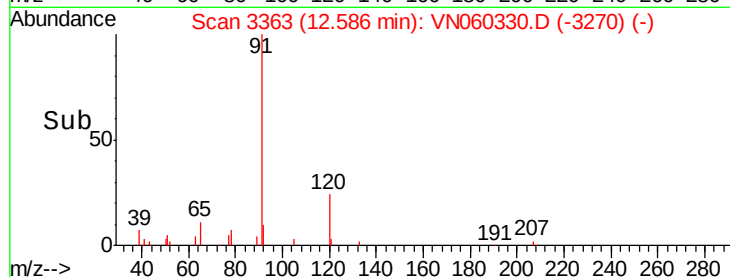
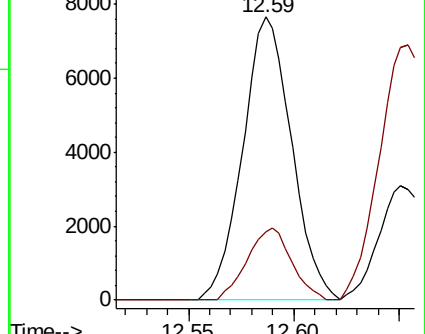
91 100

120 23.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN060330.D (-3270) (-)

Ion 120.00 (119.70 to 120.70): VN060330.D (-3270) (-)



#79

2-Chlorotoluene

Concen: 0.720 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VN060330.D

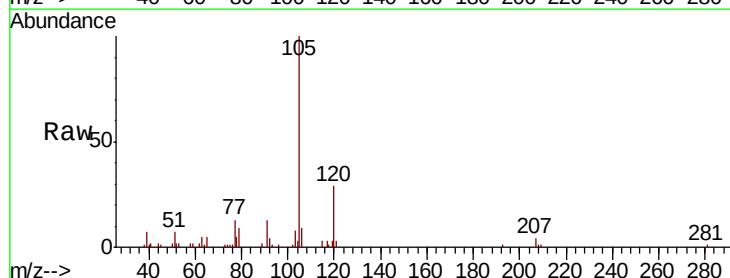
Acq: 3 Mar 2020 15:27

Tgt Ion: 91 Resp: 5276

Ion Ratio Lower Upper

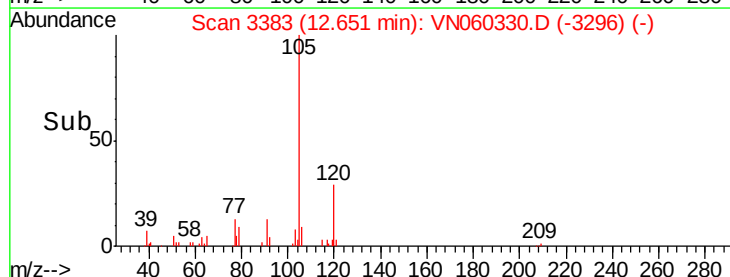
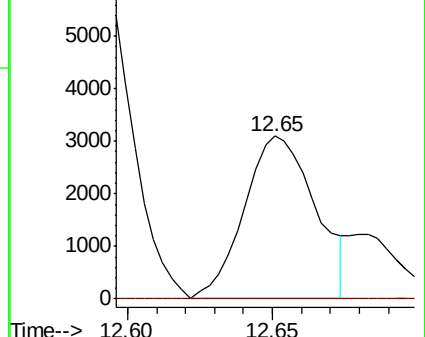
91 100

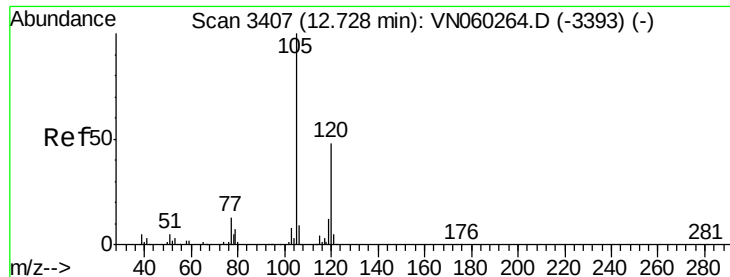
126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VN060330.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060330.D (-3296) (-)





#80

1,3,5-Trimethylbenzene

Concen: 2.904 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

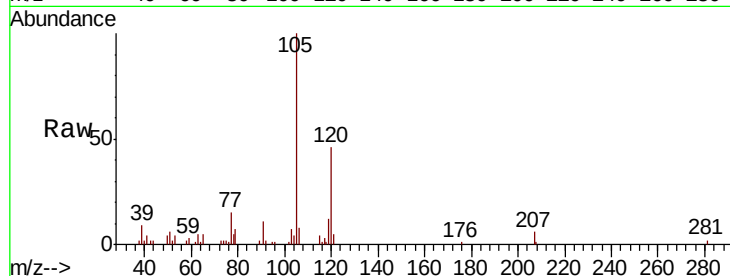
ClientSampleId :

Tot Ion:105 Resp: 26011

Ion Ratio Lower Upper

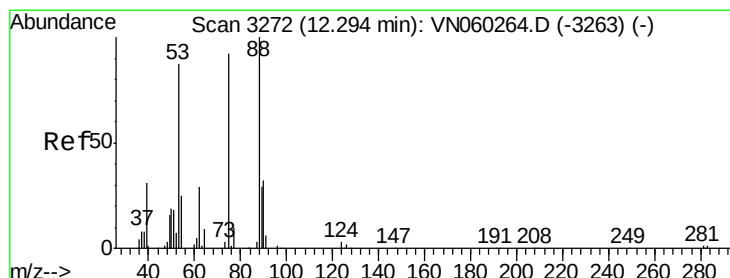
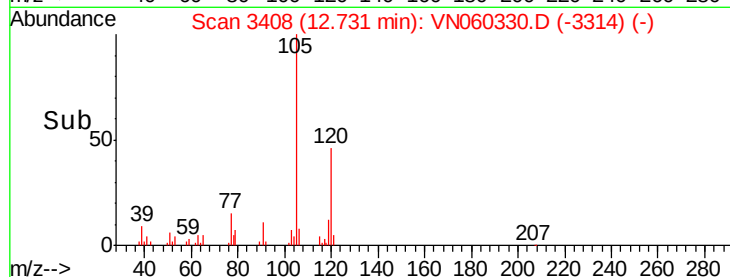
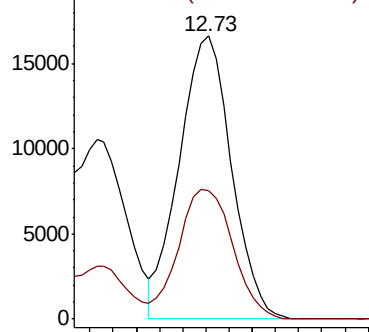
105 100

120 47.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 65.788 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

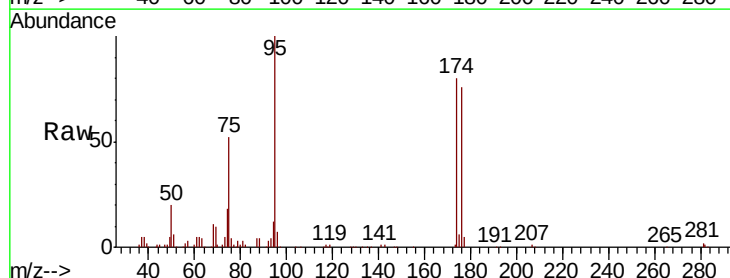
Tgt Ion: 75 Resp: 75045

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

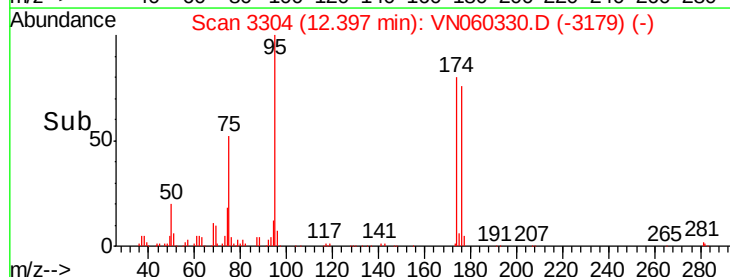
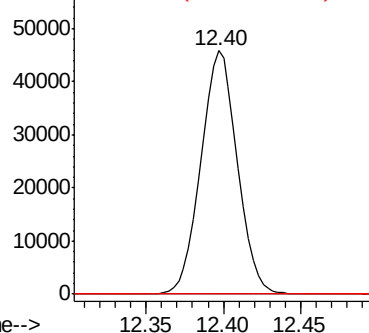
89 0.0 57.1 85.7#

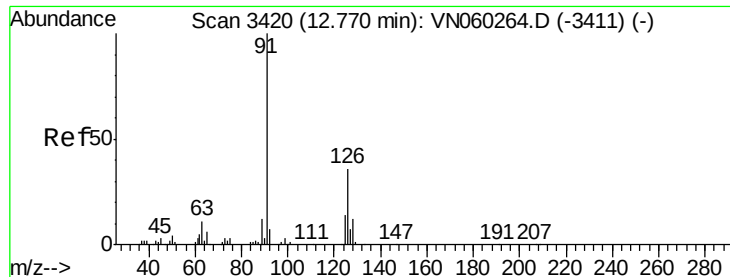


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#82

4-Chlorotoluene

Concen: 0.373 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.04 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

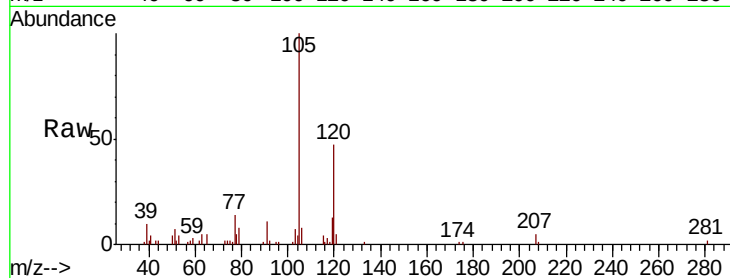
ClientSampleId :

Tot Ion: 91 Resp: 2878

Ion Ratio Lower Upper

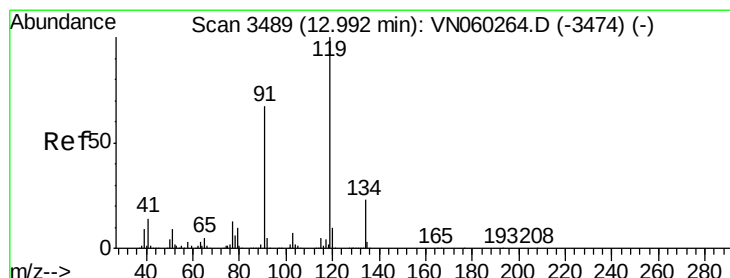
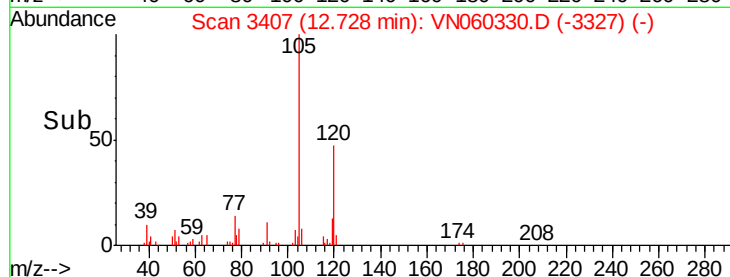
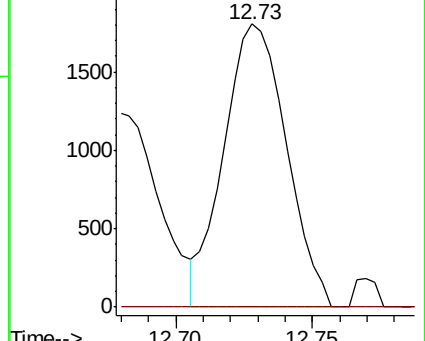
91 100

126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN060330.D (-3327) (-)

Ion 125.90 (125.60 to 126.60): VN060330.D (-3327) (-)



#83

tert-Butylbenzene

Concen: 1.388 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

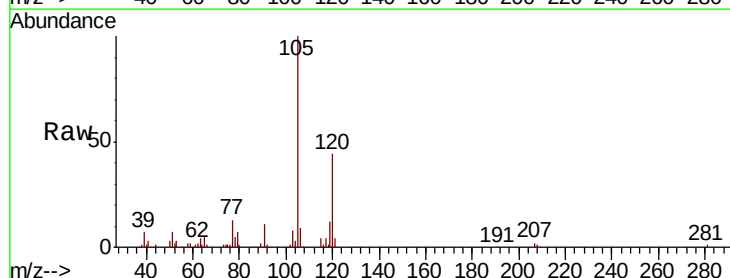
Tgt Ion: 119 Resp: 10766

Ion Ratio Lower Upper

119 100

91 87.1 33.1 99.2

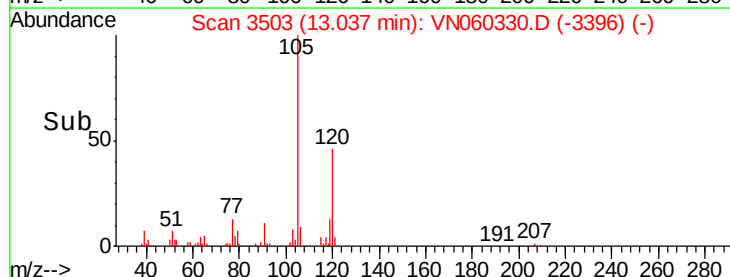
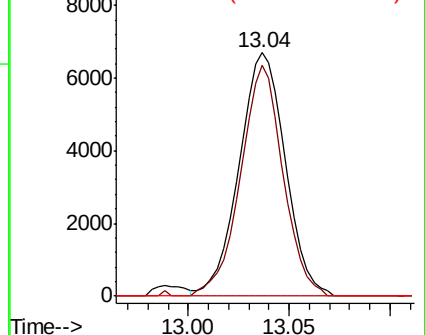
134 0.0 12.4 37.0#

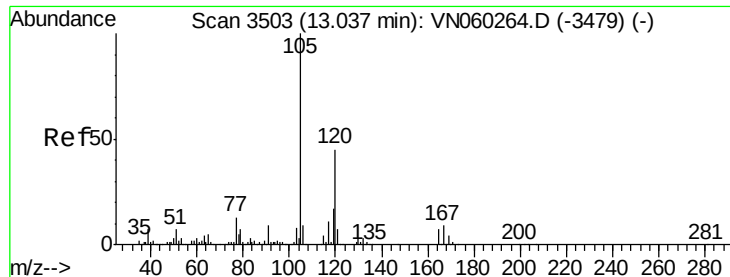


Abundance Ion 119.00 (118.70 to 119.70): VN060330.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN060330.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN060330.D (-3396) (-)

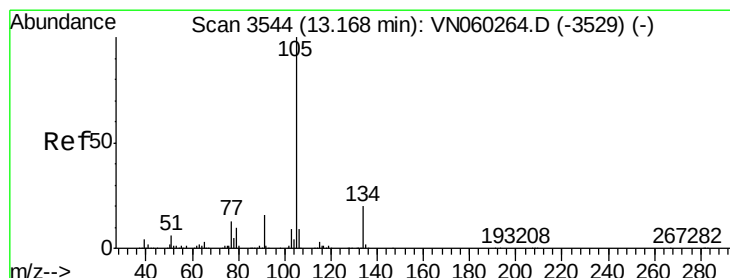
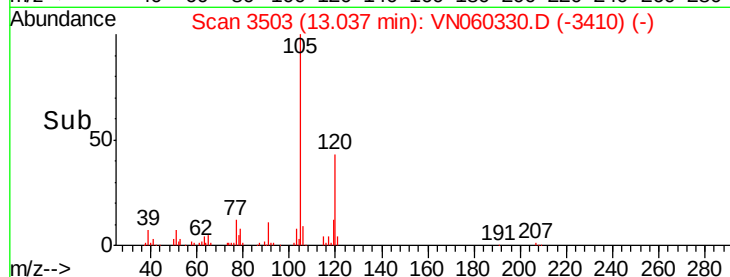
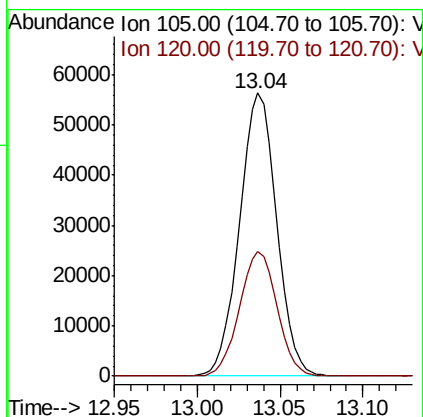
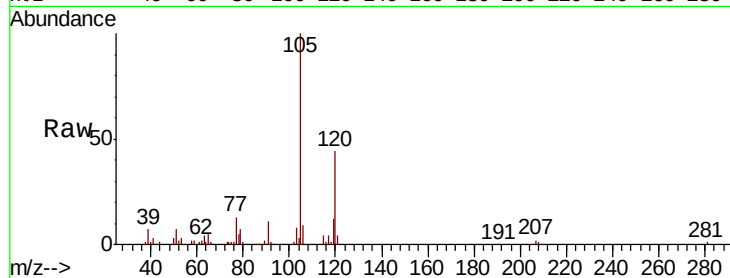




#84
 1,2,4-Trimethylbenzene
 Concen: 9.705 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060330.D
 Acq: 3 Mar 2020 15:27

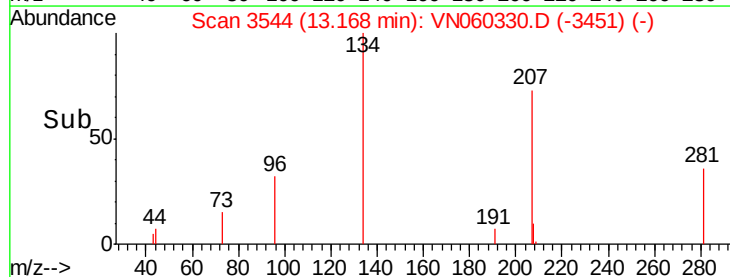
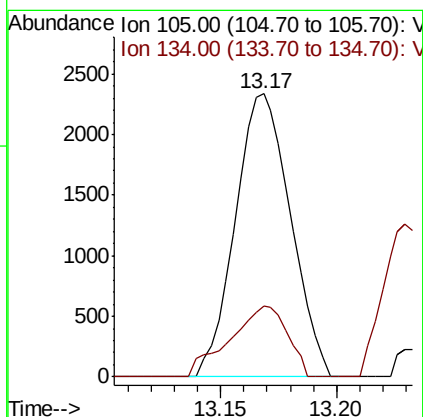
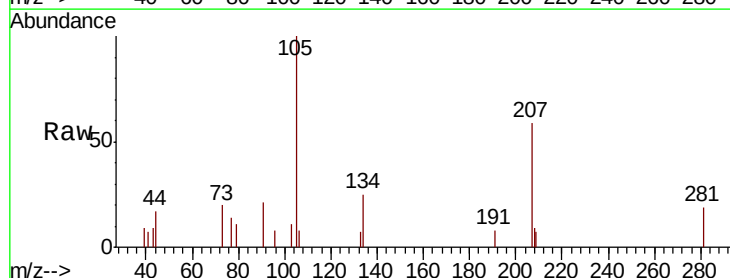
Instrument :
 MSVOA_N
 ClientSampled :

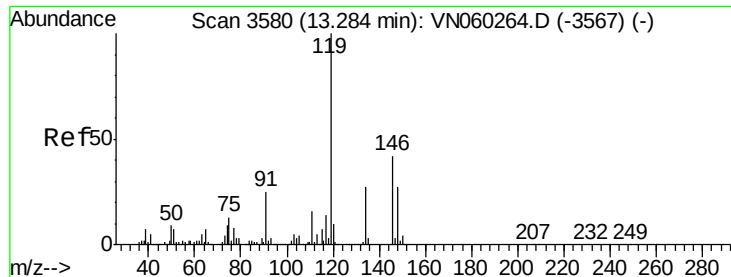
Tot Ion:105 Resp: 87734
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 0.373 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060330.D
 Acq: 3 Mar 2020 15:27

Tgt Ion:105 Resp: 3869
 Ion Ratio Lower Upper
 105 100
 134 26.1 9.8 29.5

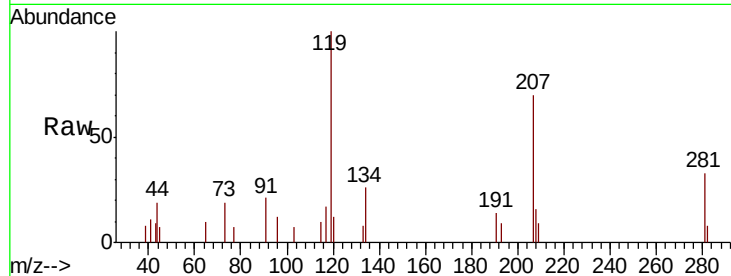




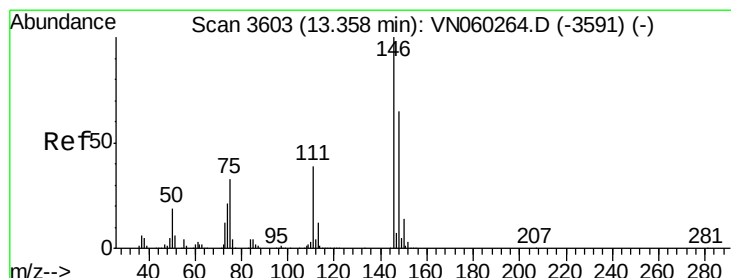
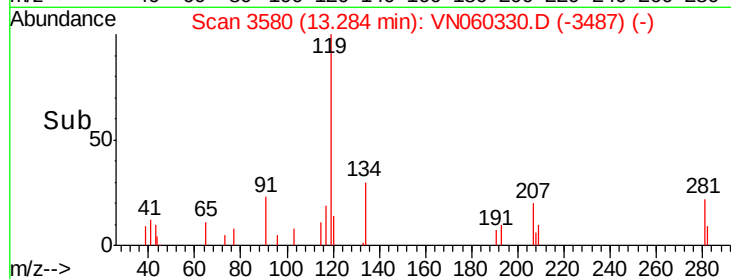
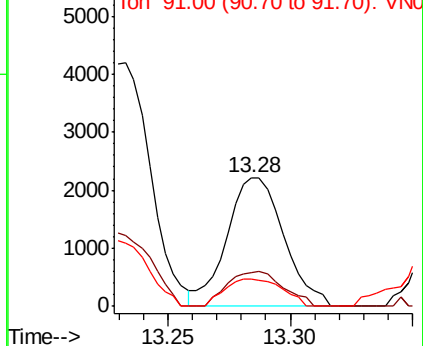
#86
 p-Isopropyltoluene
 Concen: 0.375 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060330.D
 Acq: 3 Mar 2020 15:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 3604
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 21.3 12.2 36.6

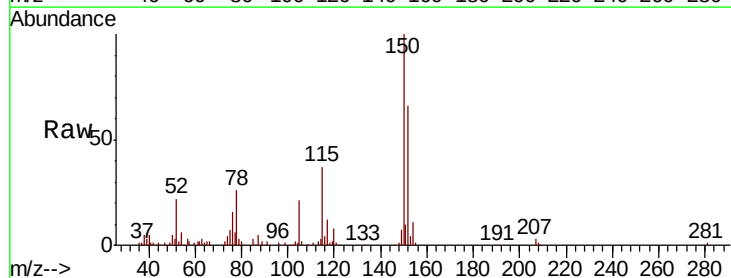


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

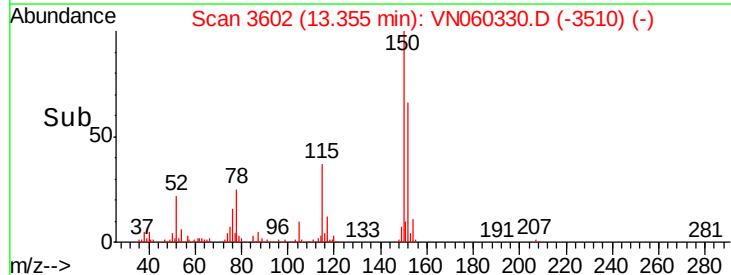
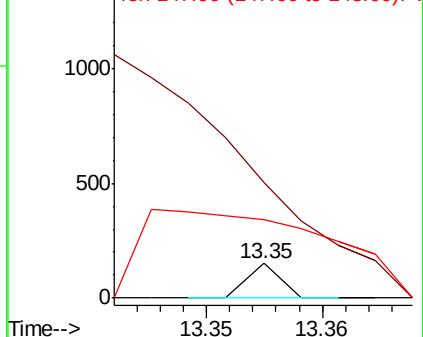


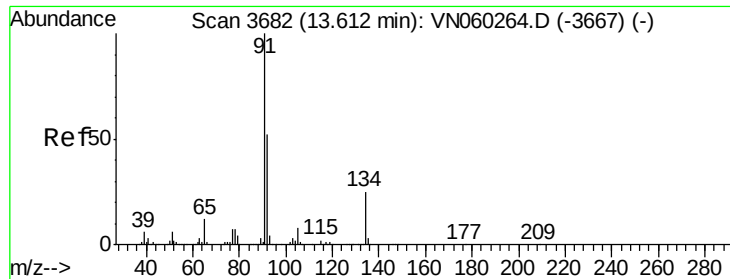
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.35 min Scan# 3602
 Delta R.T. -0.00 min
 Lab File: VN060330.D
 Acq: 3 Mar 2020 15:27

Tgt Ion:146 Resp: 29
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.8 59.4#
 148 1469.0 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: 0.329 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

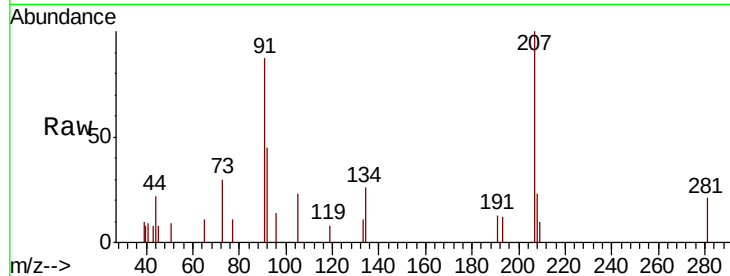
Tot Ion: 91 Resp: 2905

Ion Ratio Lower Upper

91 100

92 62.2 26.0 78.0

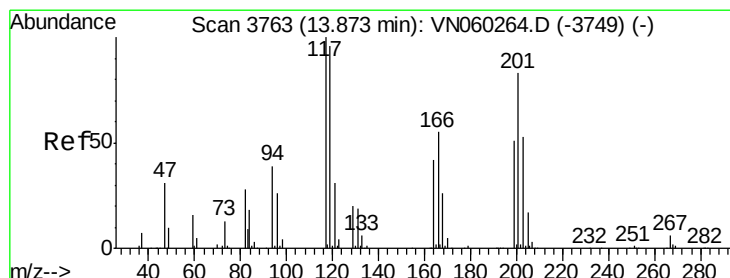
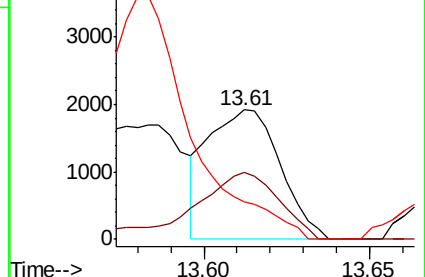
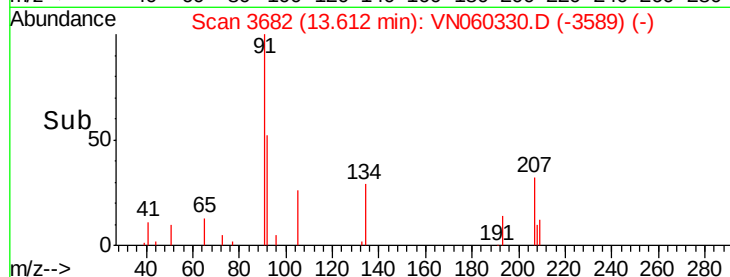
134 0.0 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): VN060330.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060330.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060330.D (-3667) (-)



#90

Hexachloroethane

Concen: 1.013 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN060330.D

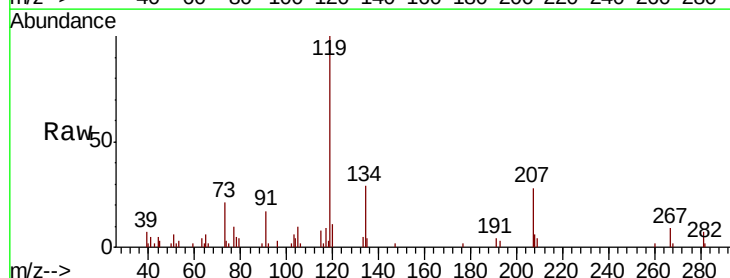
Acq: 3 Mar 2020 15:27

Tgt Ion: 117 Resp: 1409

Ion Ratio Lower Upper

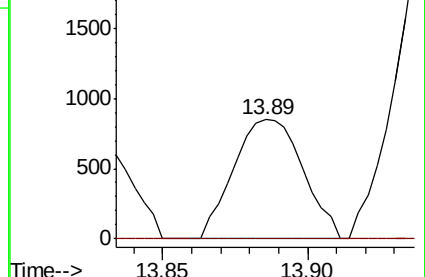
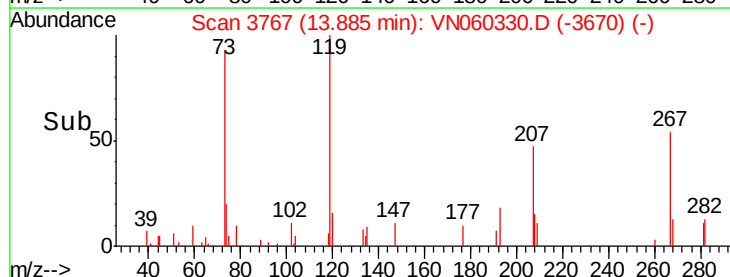
117 100

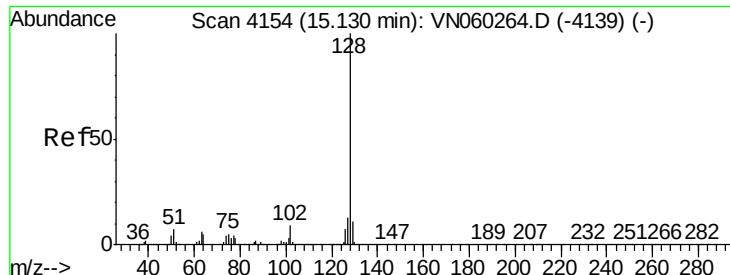
201 0.0 41.0 123.0#



Abundance Ion 116.80 (116.50 to 117.50): VN060330.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060330.D (-3749) (-)





#95

Naphthalene

Concen: 0.418 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060330.D

Acq: 3 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

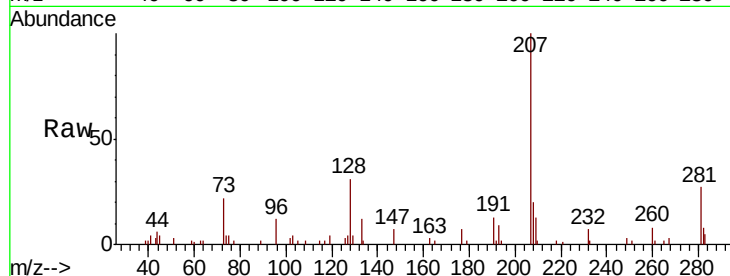
Tot Ion:128 Resp: 5875

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

129 7.7 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

