

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057271.D
 Acq On : 14 Aug 2019 1:29
 Operator : JC/SP
 Sample : K4266-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

Quant Time: Aug 14 06:36:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1497925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2082994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1792216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	475419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	705620	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	7.58	113	639195	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.09	98	2460382	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	663239	39.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.74%	

Target Compounds

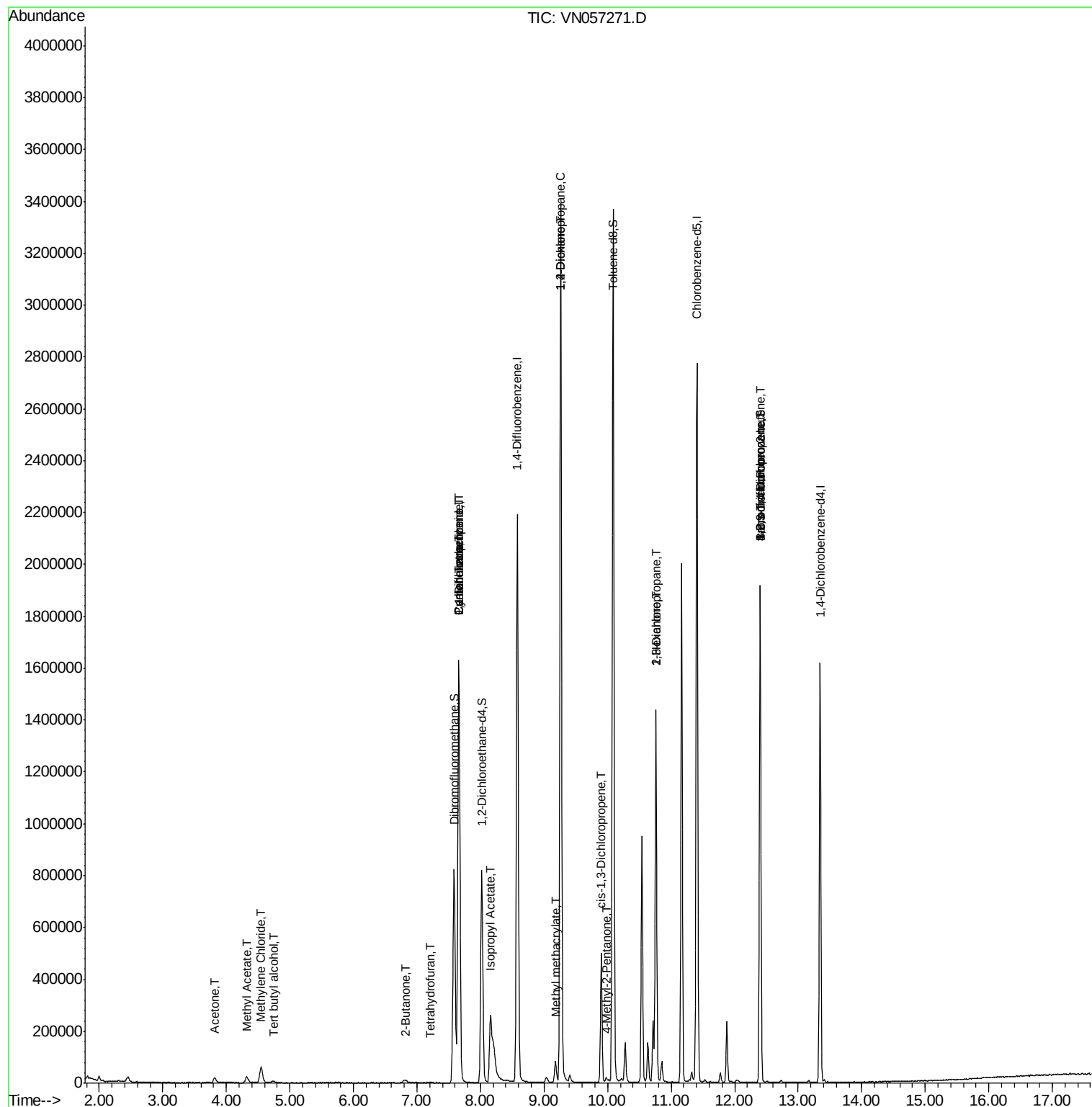
						Qvalue
11) Tert butyl alcohol	4.74	59	513	0.252	ug/l #	87
16) Acetone	3.81	43	31175	6.018	ug/l	98
18) Methyl Acetate	4.32	43	49333	2.590	ug/l	96
20) Methylene Chloride	4.55	84	48852	3.228	ug/l	93
25) 2-Butanone	6.83	43	2473	0.336	ug/l #	44
29) Tetrahydrofuran	7.22	42	1789	0.380	ug/l #	52
31) Cyclohexane	7.66	56	20628	0.964	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	91594	5.030	ug/l #	48
38) Carbon Tetrachloride	7.66	117	128430	6.639	ug/l #	15
43) Isopropyl Acetate	8.16	43	480582	19.936	ug/l #	69
45) 1,2-Dichloropropane	9.26	63	4481	0.320	ug/l #	43
48) Methyl methacrylate	9.17	41	10964	0.983	ug/l #	10
49) 1,4-Dioxane	9.26	88	564	2.244	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	12304	0.869	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	98745	4.496	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	16137	0.728	ug/l #	42
59) 2-Hexanone	10.76	43	206236	20.534	ug/l #	49
71) Bromoform	12.40	173	6089	0.561	ug/l #	1
73) Isopropylbenzene	12.25	105	71	Below Cal	#	47
74) N-amyl acetate	12.03	43	7119	Below Cal	#	43
75) 1,1,2,2-Tetrachloroethane	12.39	83	431	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	305980	35.771	ug/l #	100
77) Bromobenzene	12.40	156	113	Below Cal	#	1
78) n-propylbenzene	12.77	91	178	Below Cal		90
79) 2-Chlorotoluene	12.68	91	161	Below Cal		89
80) 1,3,5-Trimethylbenzene	12.74	105	2687	Below Cal		66
81) trans-1,4-Dichloro-2-buten	12.40	75	305980	86.447	ug/l #	16
83) tert-Butylbenzene	13.00	119	32	Below Cal	#	1
85) sec-Butylbenzene	13.17	105	64	Below Cal	#	55
95) Naphthalene	15.13	128	71	Below Cal	#	69

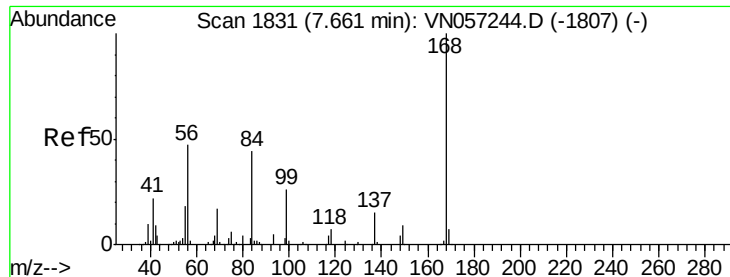
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

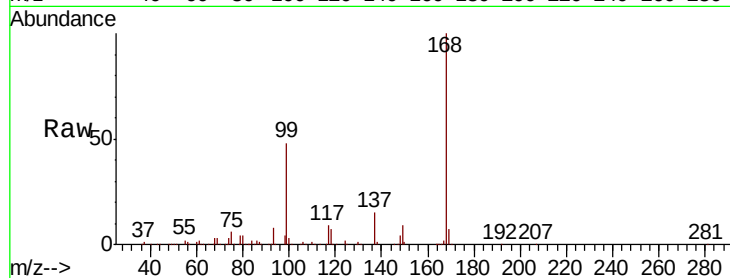
R1-R2-C4-(4.3)

Tgt Ion:168 Resp: 1497925

Ion Ratio Lower Upper

168 100

99 48.5 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057244.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN057244.D (-1807) (-)

7.66

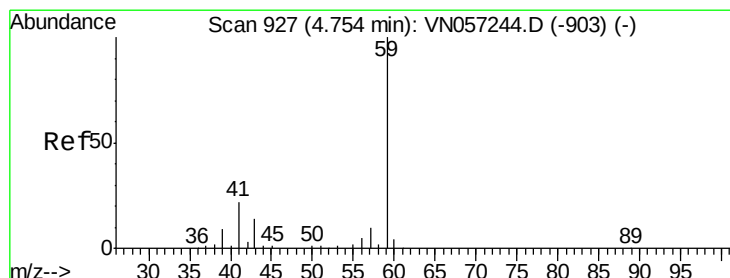
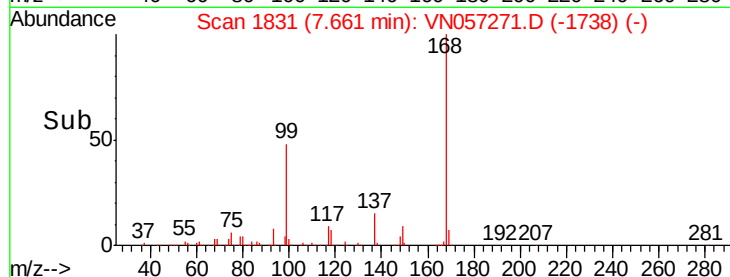
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.252 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.02 min

Lab File: VN057271.D

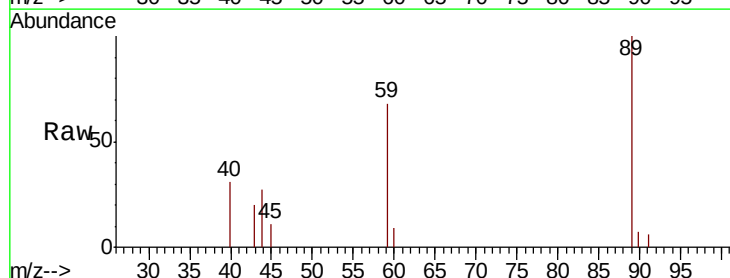
Acq: 14 Aug 2019 1:29

Tgt Ion: 59 Resp: 513

Ion Ratio Lower Upper

59 100

57 0.0 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057244.D (-903) (-)

Ion 57.00 (56.70 to 57.70): VN057244.D (-903) (-)

4.74

2000

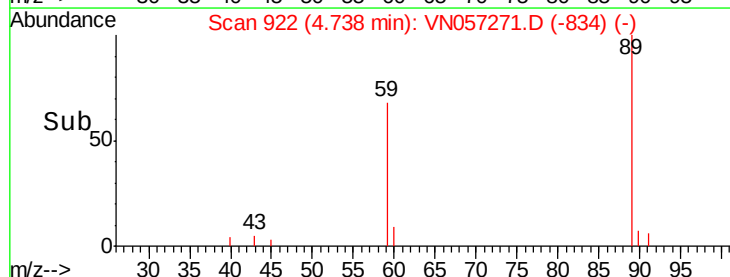
1500

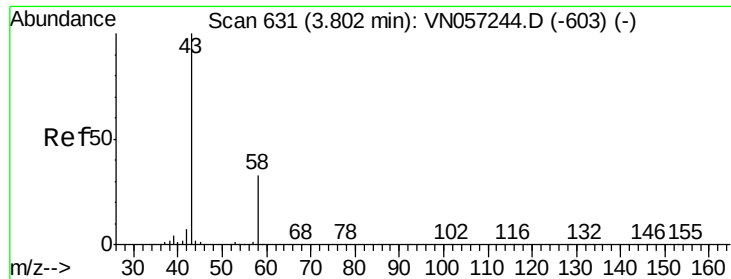
1000

500

0

Time-->





#16

Acetone

Concen: 6.018 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

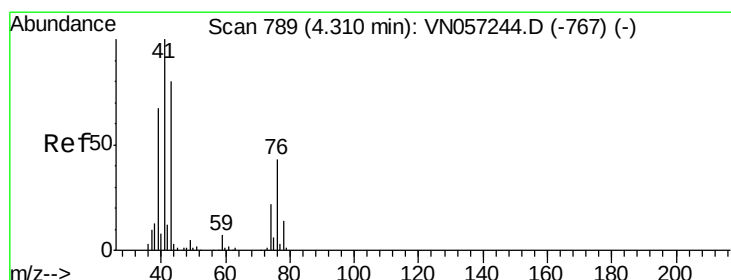
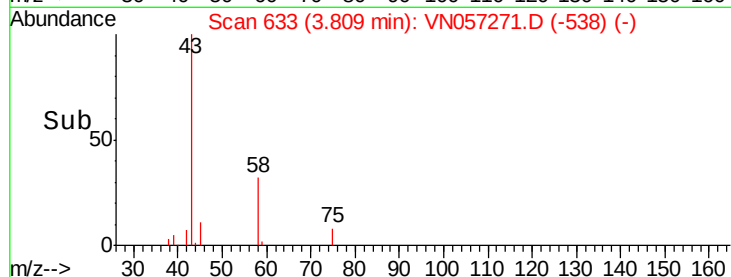
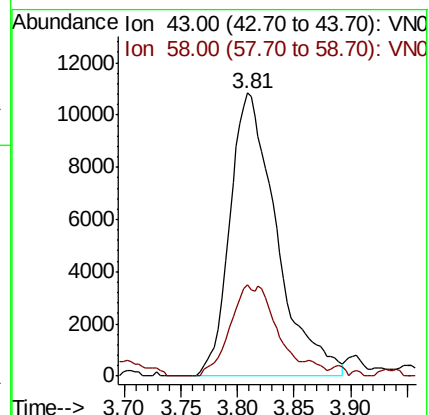
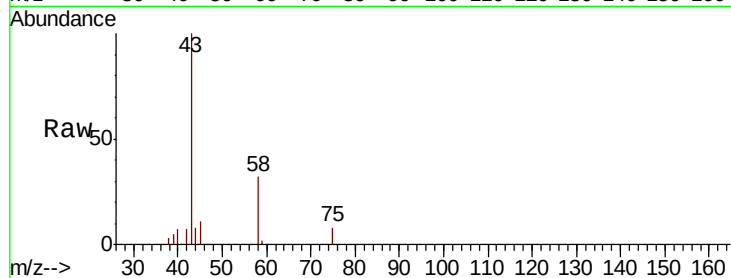
R1-R2-C4-(4.3)

Tgt Ion: 43 Resp: 31175

Ion Ratio Lower Upper

43 100

58 32.2 26.7 40.1



#18

Methyl Acetate

Concen: 2.590 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057271.D

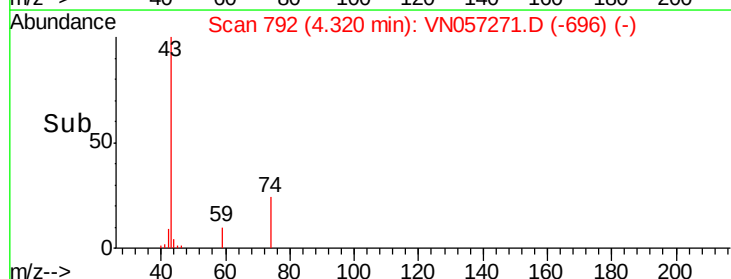
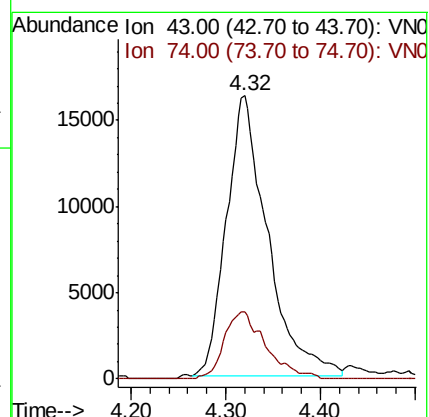
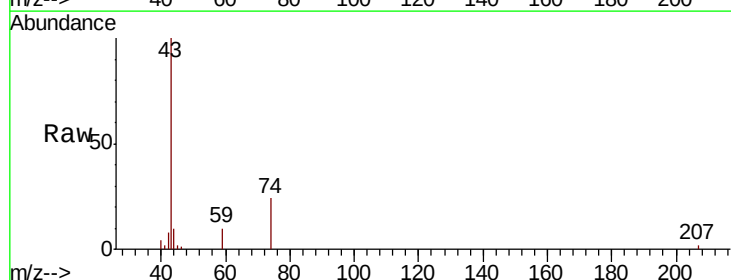
Acq: 14 Aug 2019 1:29

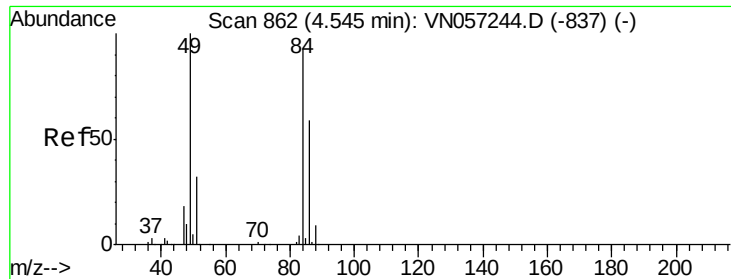
Tgt Ion: 43 Resp: 49333

Ion Ratio Lower Upper

43 100

74 23.6 20.6 31.0

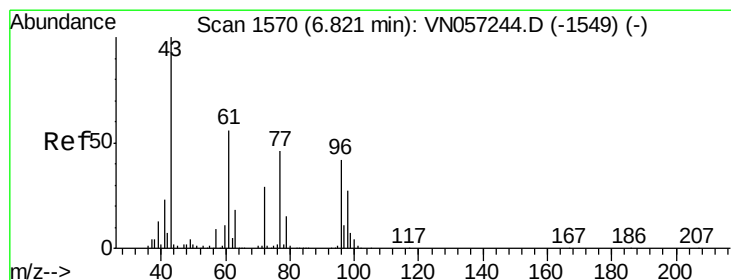
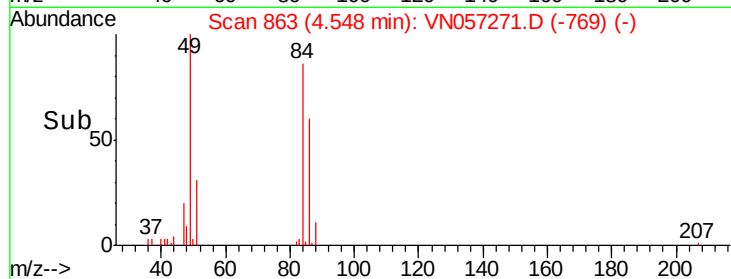
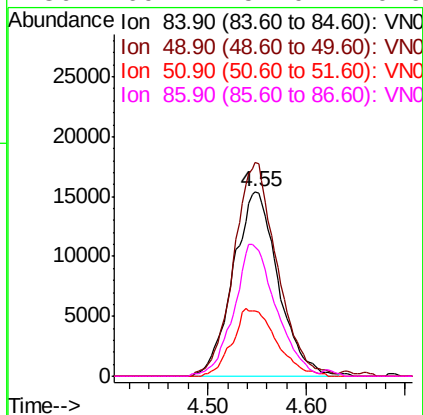
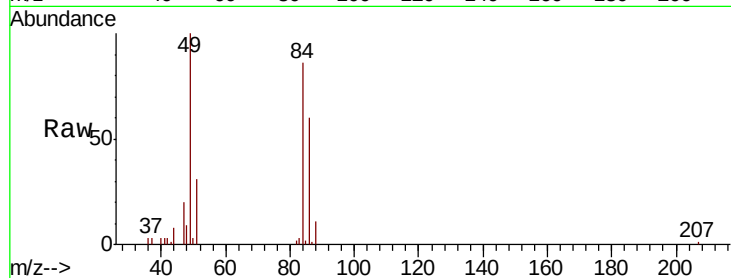




#20
Methylene Chloride
Concen: 3.228 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

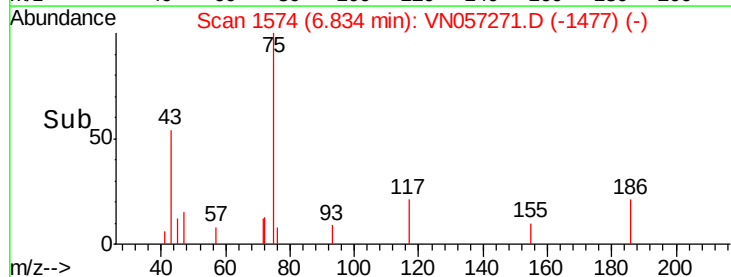
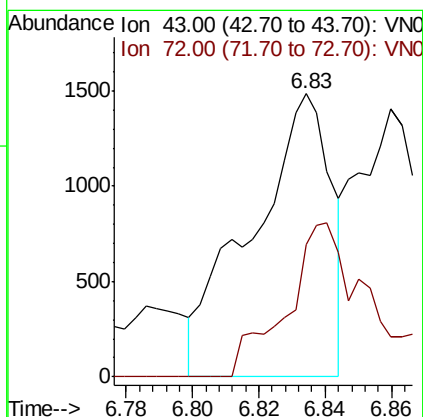
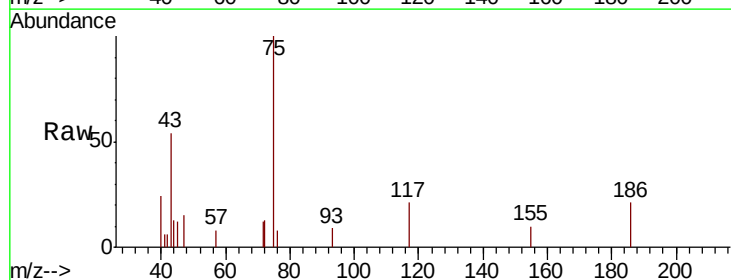
Instrument :
MSVOA_N
ClientSampled :
R1-R2-C4-(4.3)

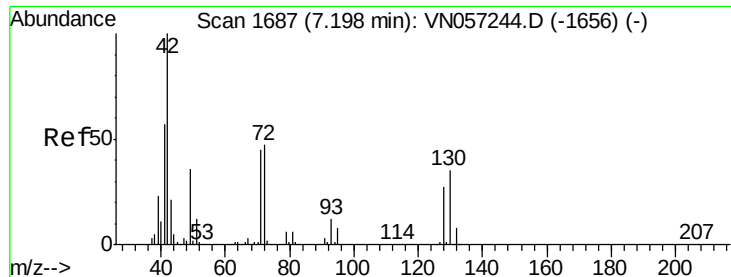
Tgt Ion:	84	Resp:	48852
Ion	Ratio	Lower	Upper
84	100		
49	115.6	85.9	128.9
51	35.6	27.1	40.7
86	69.7	51.0	76.6



#25
2-Butanone
Concen: 0.336 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

Tgt Ion:	43	Resp:	2473
Ion	Ratio	Lower	Upper
43	100		
72	59.0	23.1	34.7#

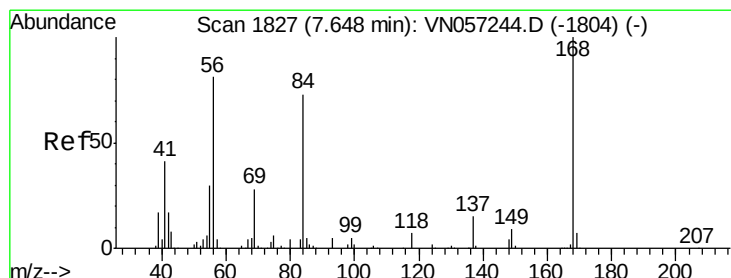
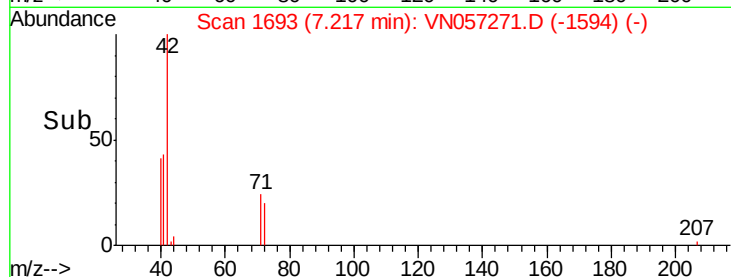
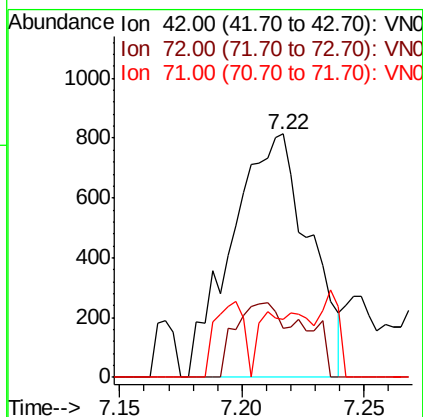
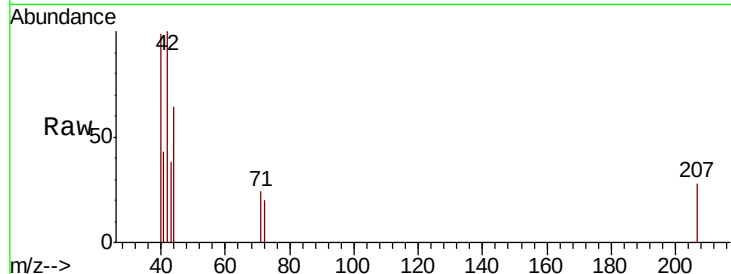




#29
Tetrahydrofuran
Concen: 0.380 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.02 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

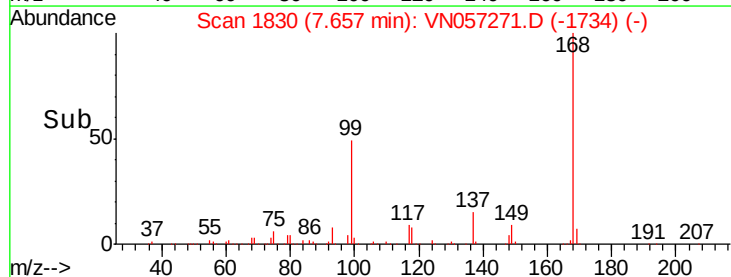
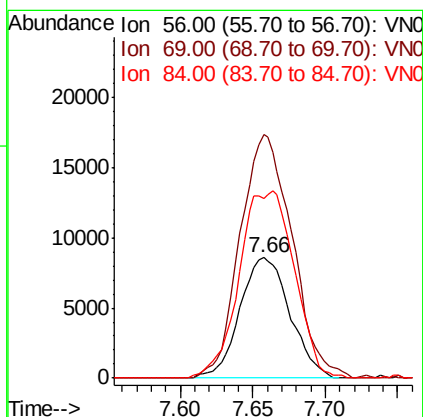
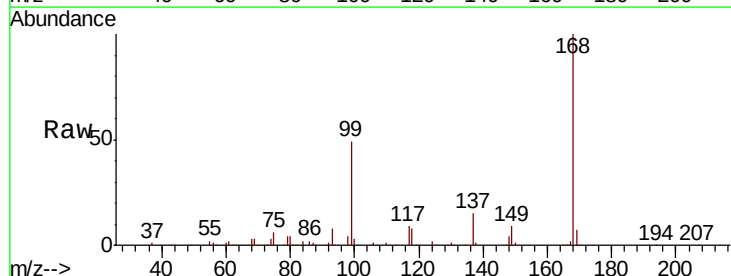
Instrument :
MSVOA_N
ClientSampled :
R1-R2-C4-(4.3)

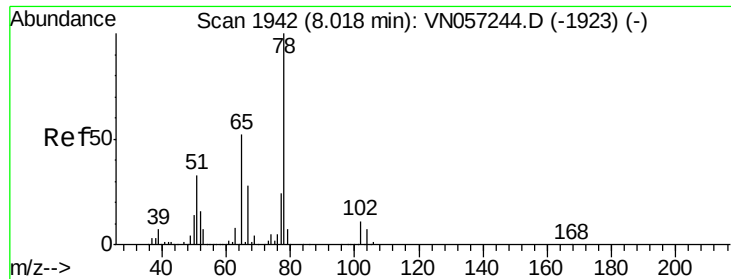
Tgt Ion: 42 Resp: 1789
Ion Ratio Lower Upper
42 100
72 19.6 37.6 56.4#
71 8.6 35.6 53.4#



#31
Cyclohexane
Concen: 0.964 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

Tgt Ion: 56 Resp: 20628
Ion Ratio Lower Upper
56 100
69 201.8 27.8 41.8#
84 148.7 72.0 108.0#

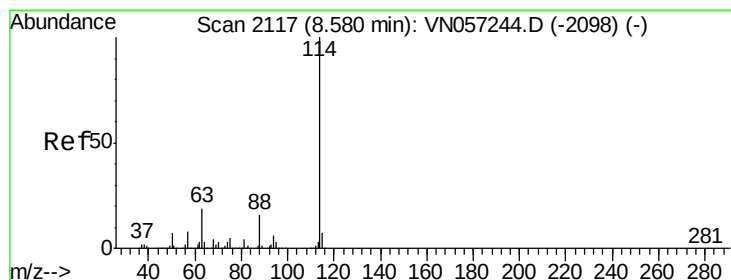
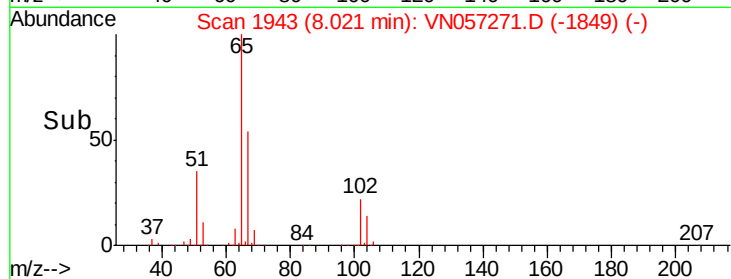
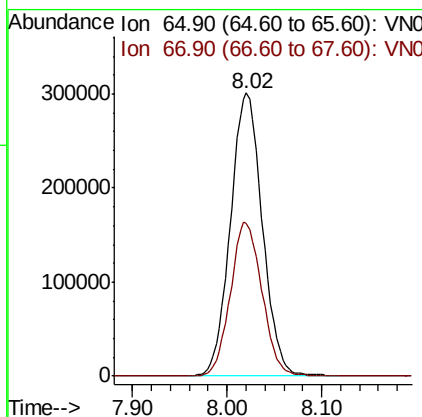
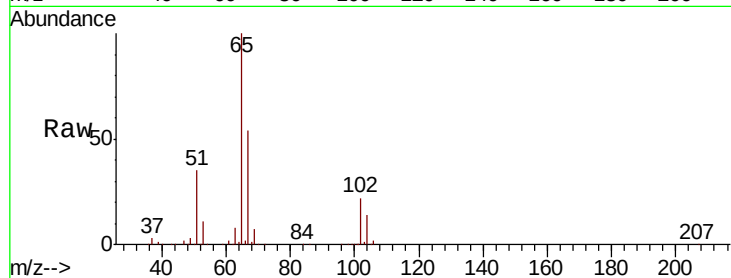




#33
 1,2-Dichloroethane-d4
 Concen: 46.697 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

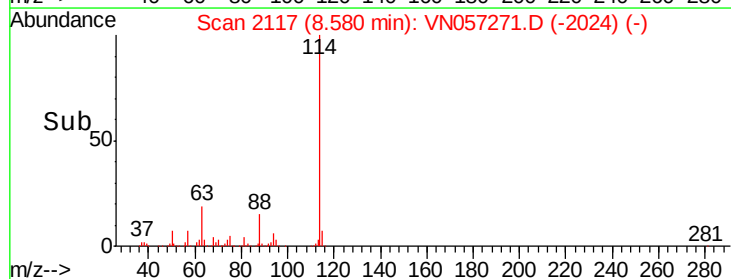
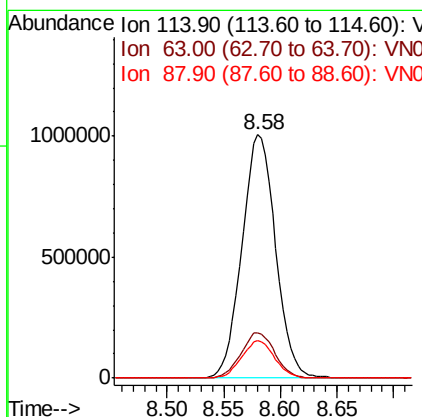
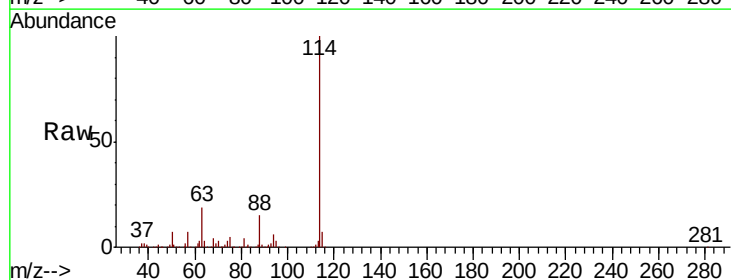
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

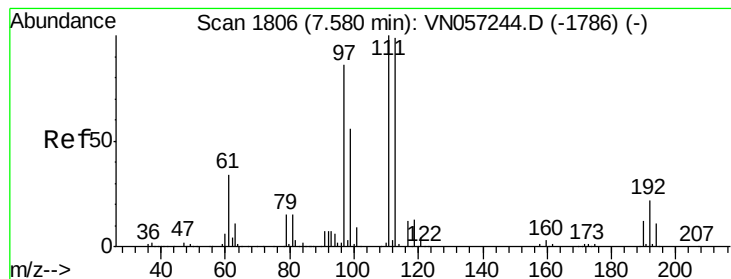
Tgt Ion: 65 Resp: 705620
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion: 114 Resp: 2082994
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 15.4 0.0 31.0

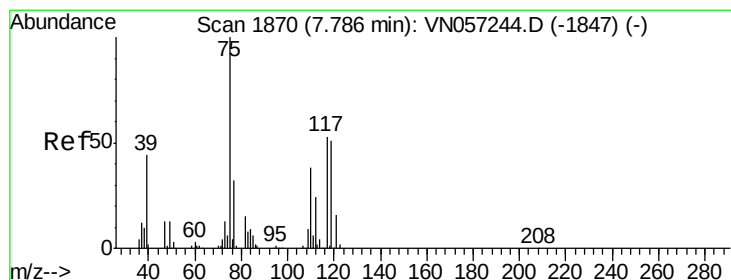
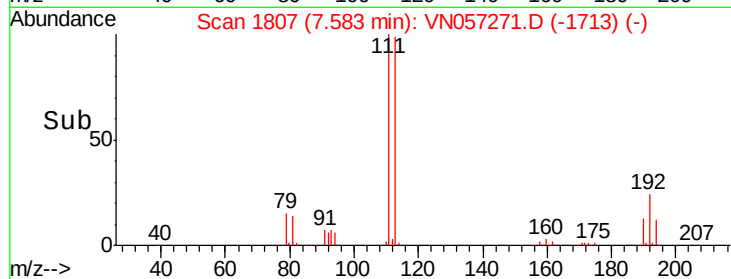
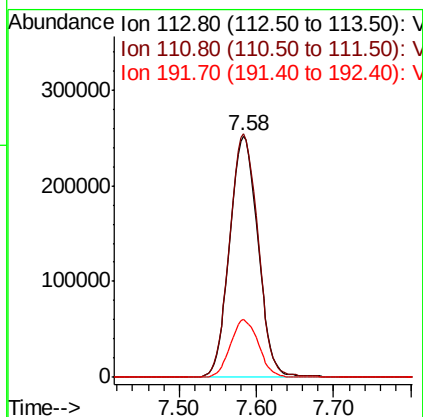
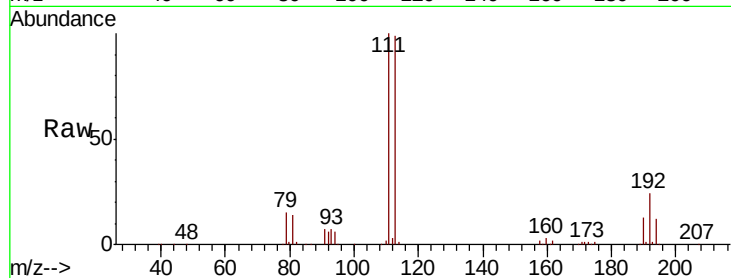




#35
 Dibromofluoromethane
 Concen: 48.059 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

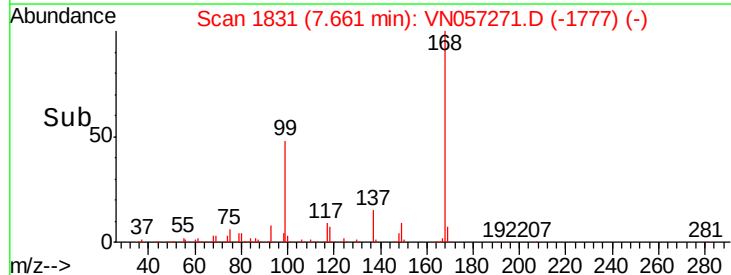
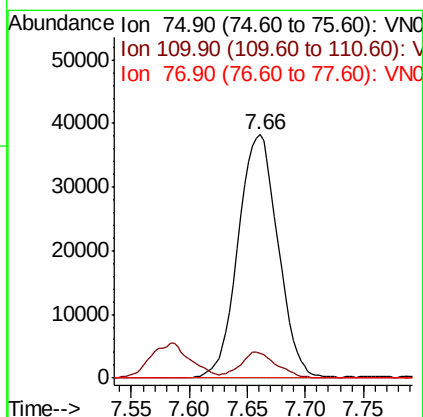
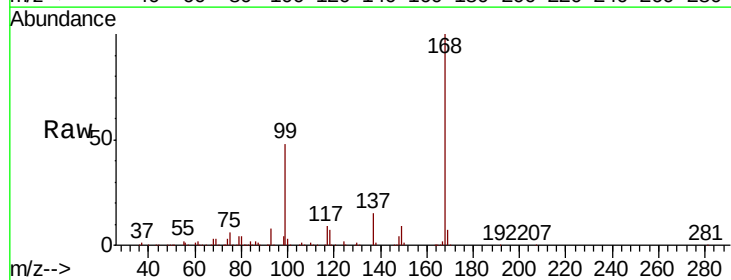
Instrument :
 MSVOA_N
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 R1-R2-C4-(4.3)

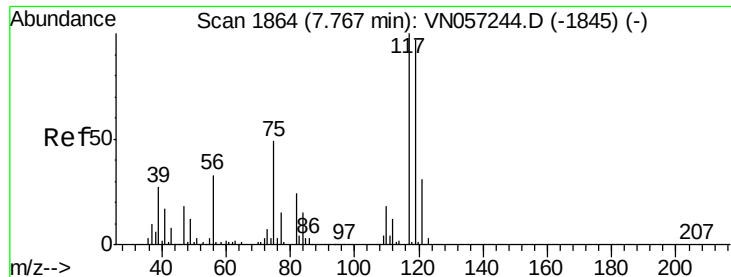
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.2
192	23.6	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.1	57.1#
77	0.0	25.2	37.8#

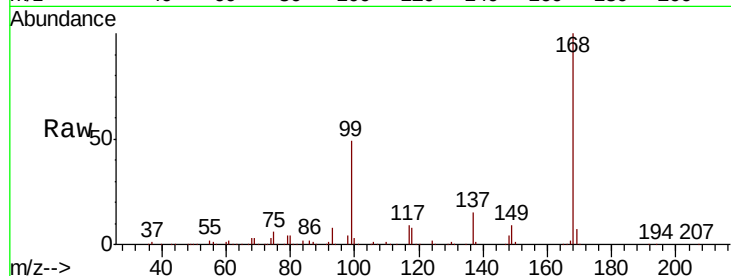




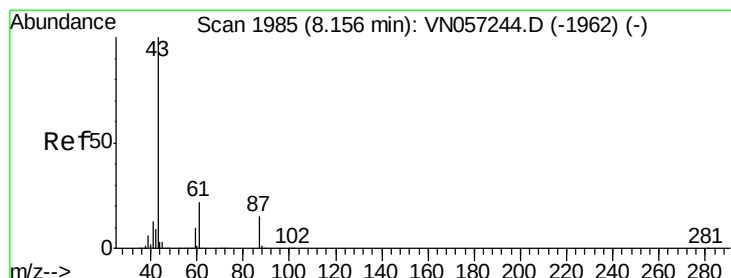
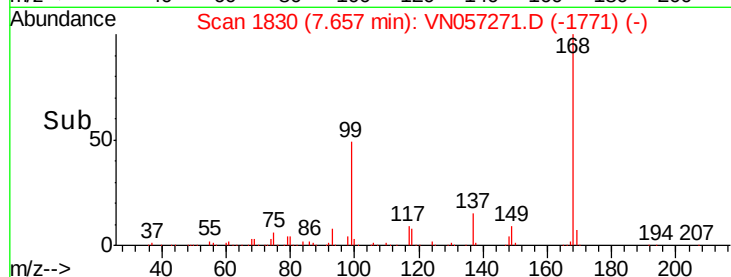
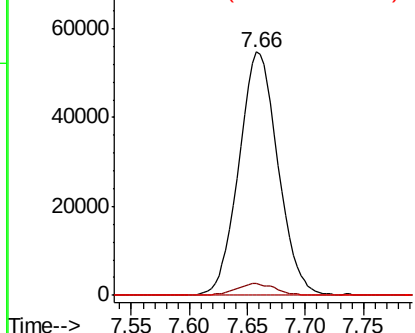
#38
Carbon Tetrachloride
Concen: 6.639 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(4.3)

Tgt Ion:117 Resp: 128430
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 24.9 37.3#

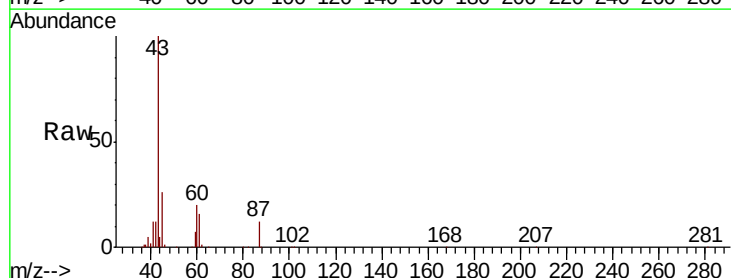


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

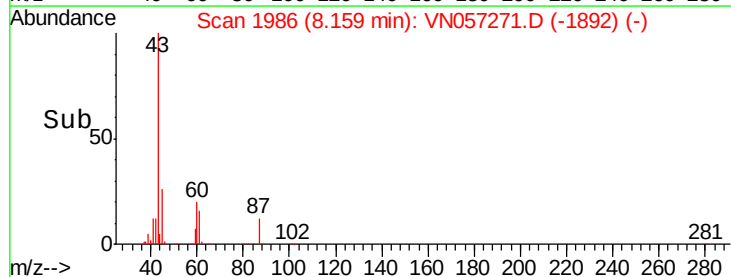
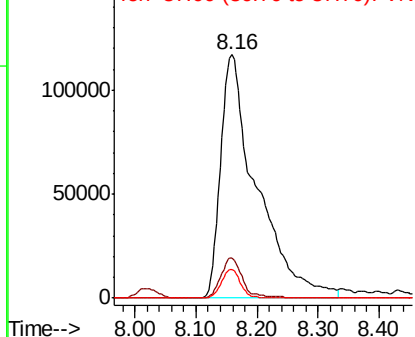


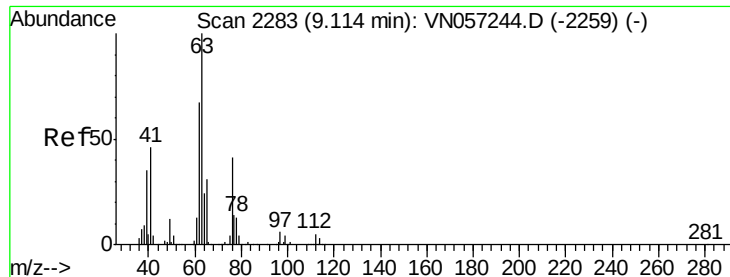
#43
Isopropyl Acetate
Concen: 19.936 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

Tgt Ion: 43 Resp: 480582
Ion Ratio Lower Upper
43 100
61 9.9 23.5 35.3#
87 6.2 12.1 18.1#



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

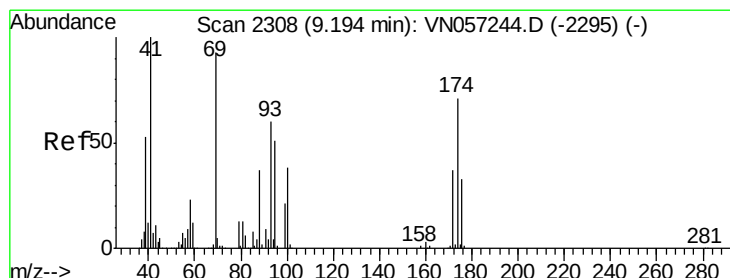
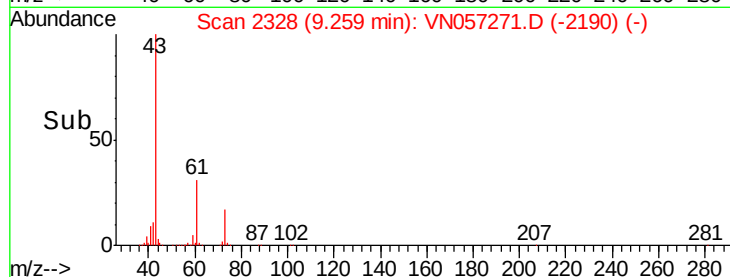
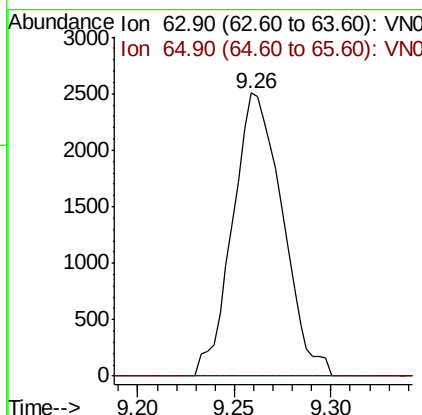
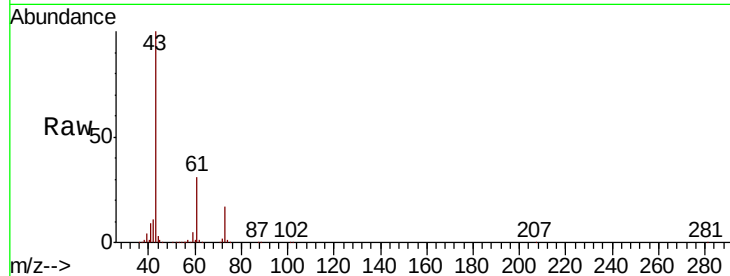




#45
 1,2-Dichloropropane
 Concen: 0.320 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.14 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

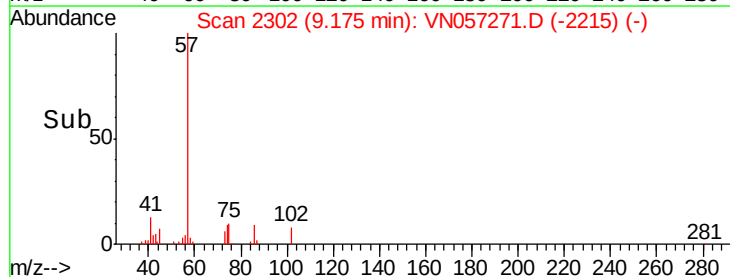
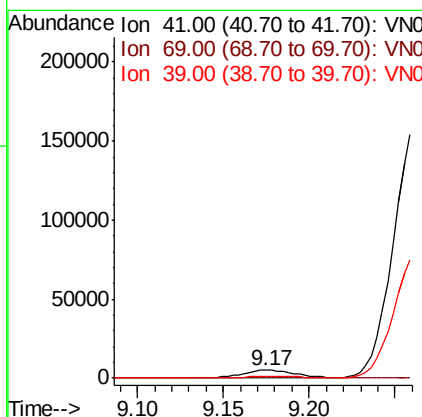
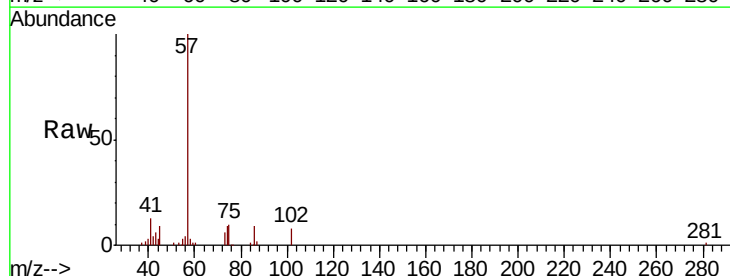
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

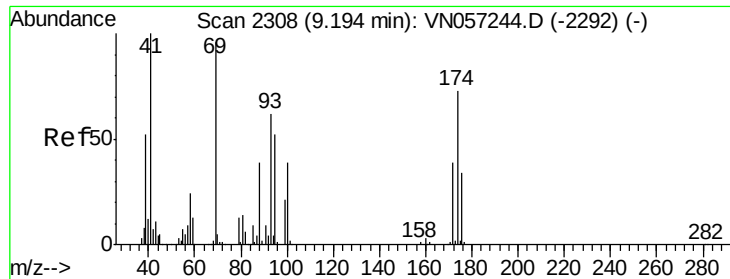
Tgt Ion: 63 Resp: 4481
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 0.983 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion: 41 Resp: 10964
 Ion Ratio Lower Upper
 41 100
 69 0.0 75.7 113.5#
 39 0.0 43.3 64.9#





#49

1,4-Dioxane

Concen: 2.244 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C4-(4.3)

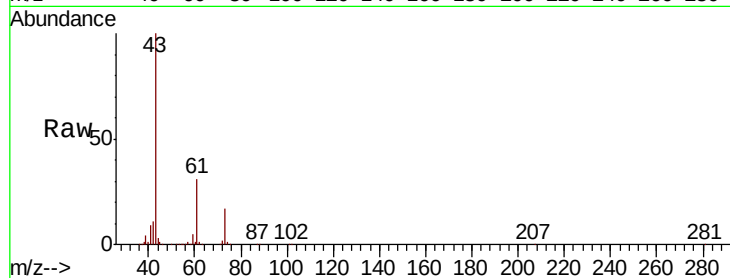
Tgt Ion: 88 Resp: 564

Ion Ratio Lower Upper

88 100

43 578536.5 20.7 31.1#

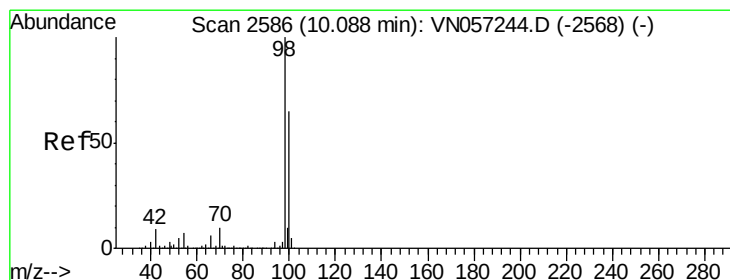
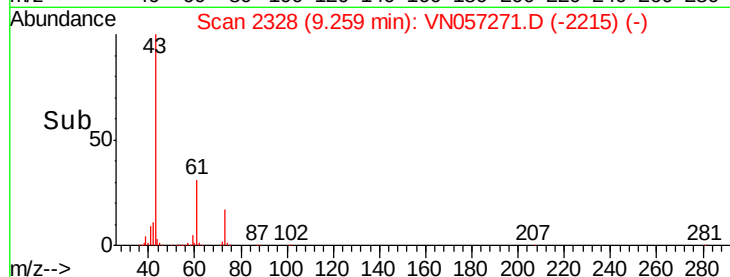
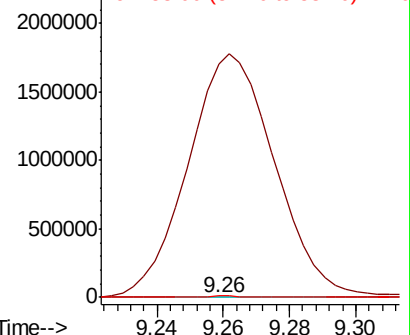
58 2669.1 52.0 78.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.718 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057271.D

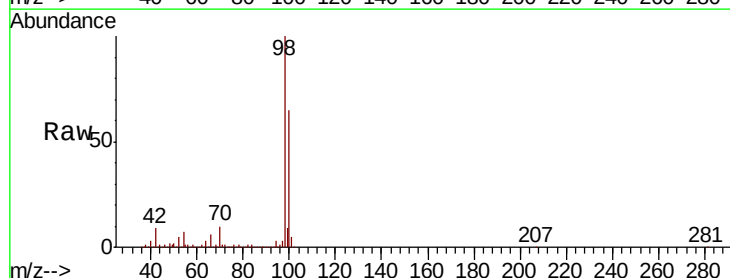
Acq: 14 Aug 2019 1:29

Tgt Ion: 98 Resp: 2460382

Ion Ratio Lower Upper

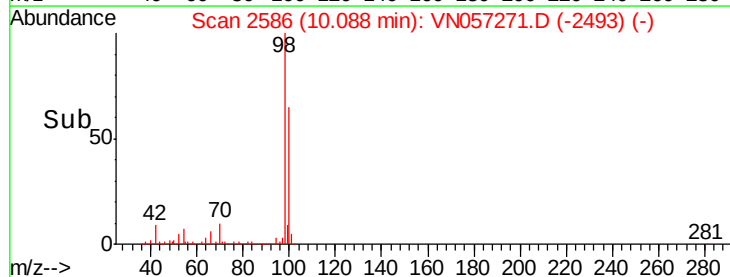
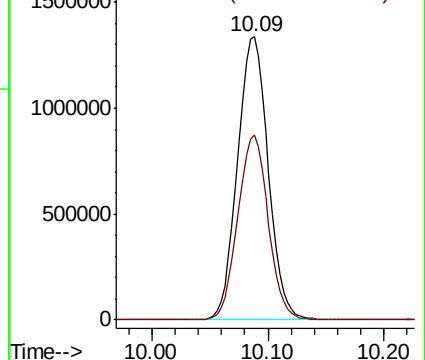
98 100

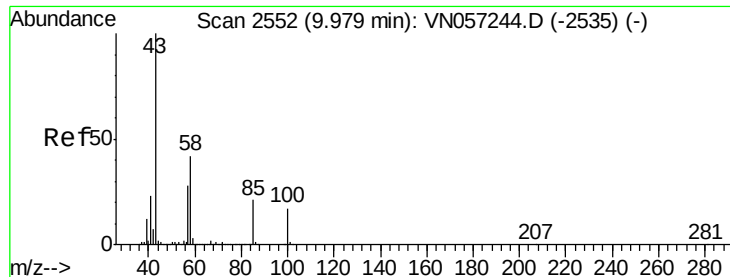
100 64.7 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

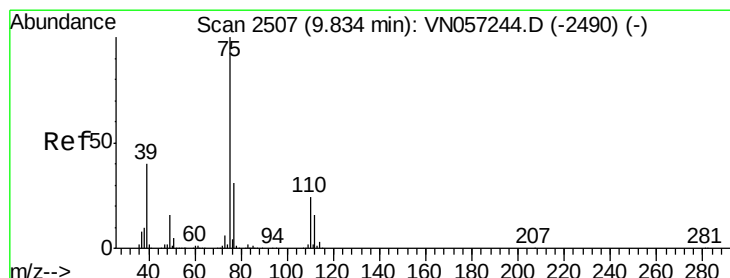
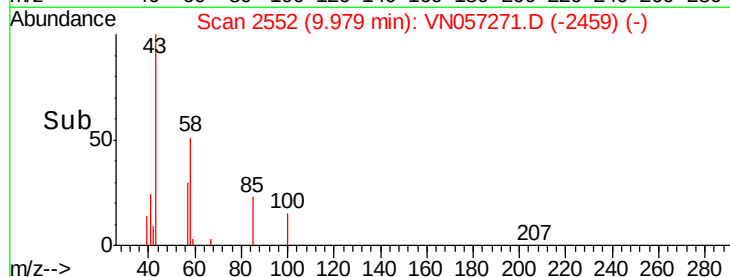
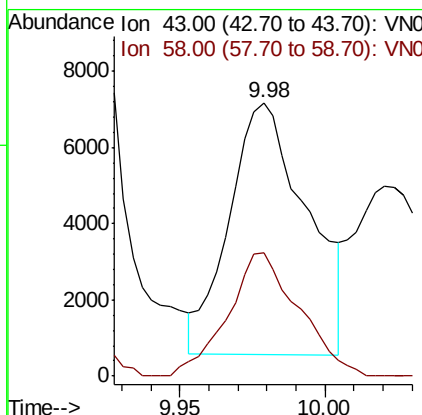
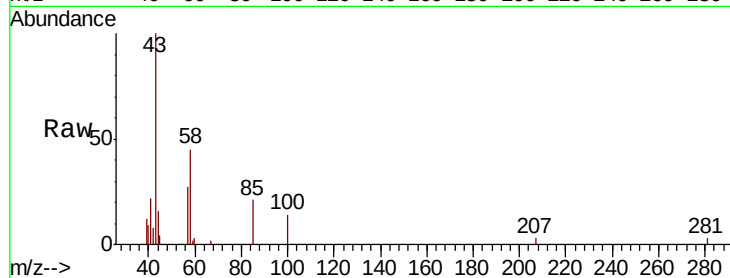




#51
 4-Methyl-2-Pentanone
 Concen: 0.869 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

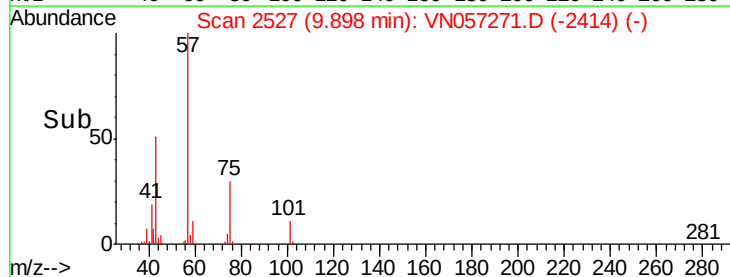
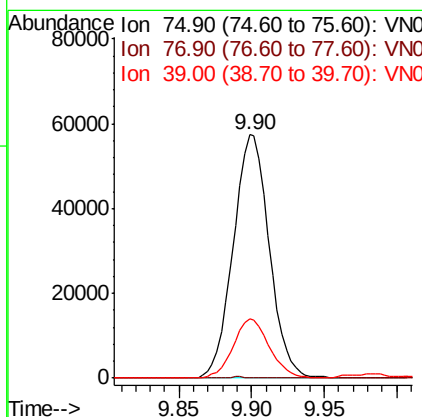
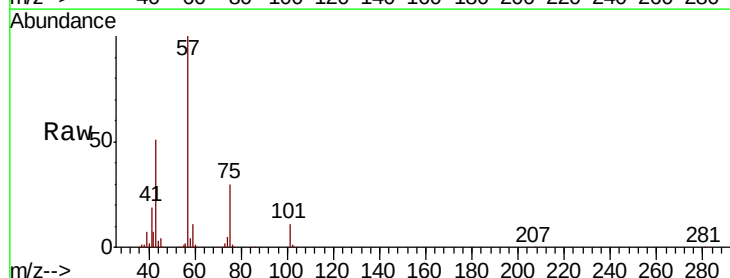
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

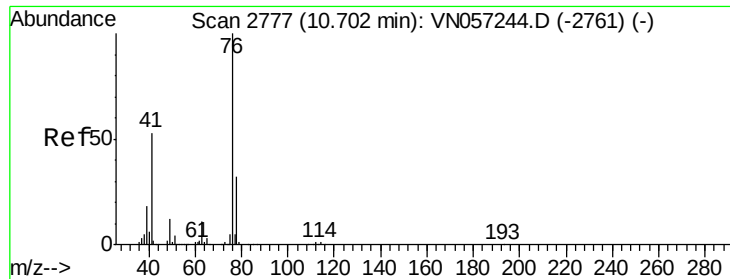
Tgt Ion: 43 Resp: 12304
 Ion Ratio Lower Upper
 43 100
 58 44.8 33.7 50.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.496 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion: 75 Resp: 98745
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.0 37.6#
 39 24.4 32.3 48.5#

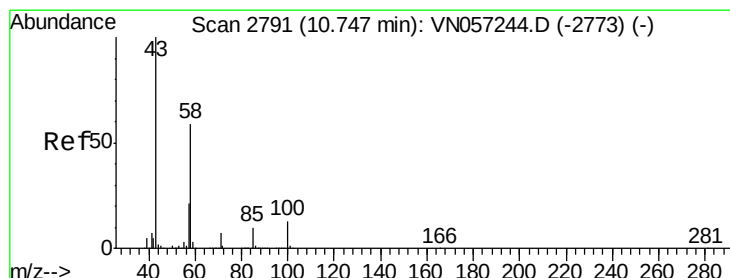
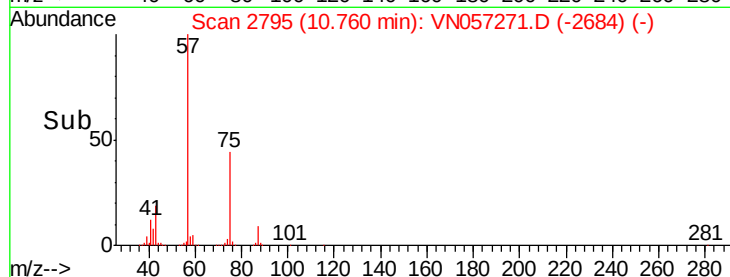
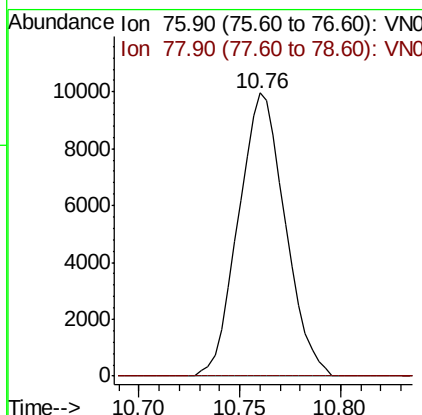
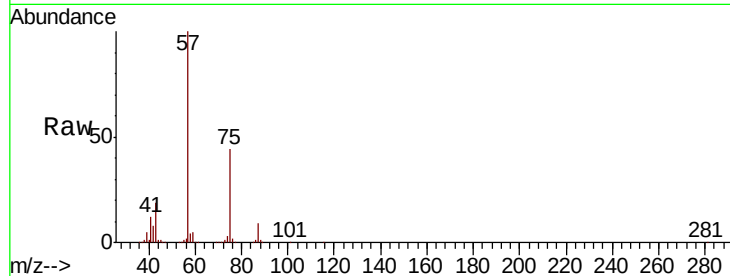




#57
 1,3-Dichloropropane
 Concen: 0.728 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

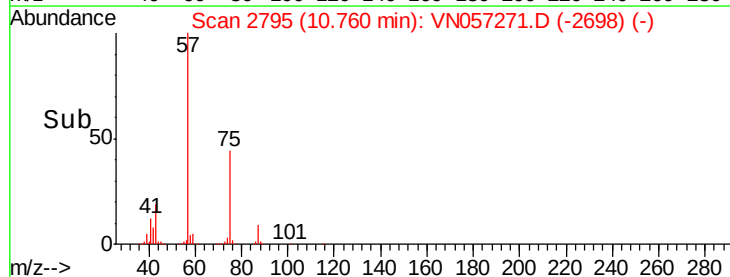
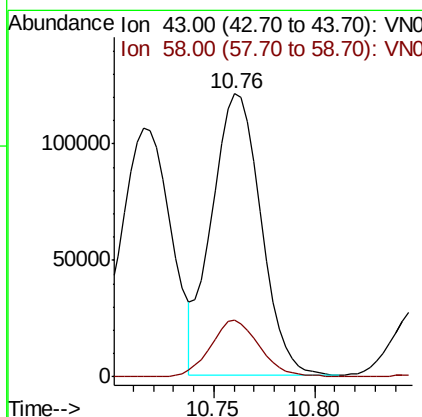
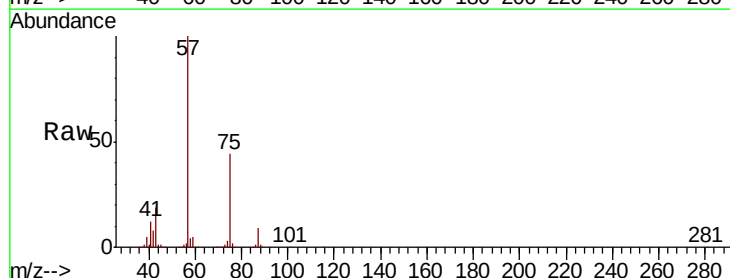
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

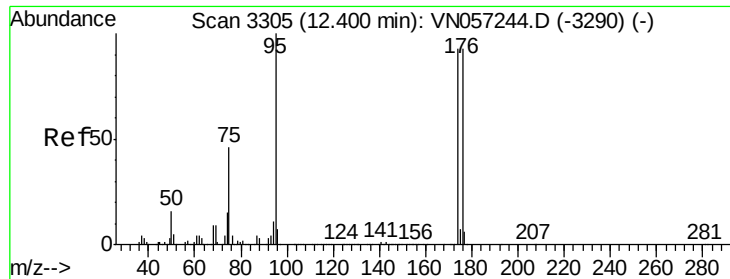
Tgt Ion: 76 Resp: 16137
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 20.534 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion: 43 Resp: 206236
 Ion Ratio Lower Upper
 43 100
 58 20.0 29.1 87.4#





#62

4-Bromofluorobenzene

Concen: 39.866 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampled :

R1-R2-C4-(4.3)

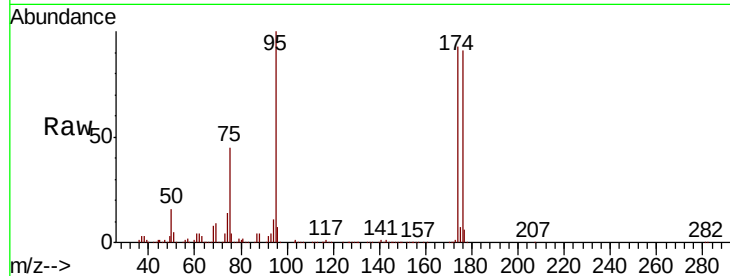
Tgt Ion: 95 Resp: 663239

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.6

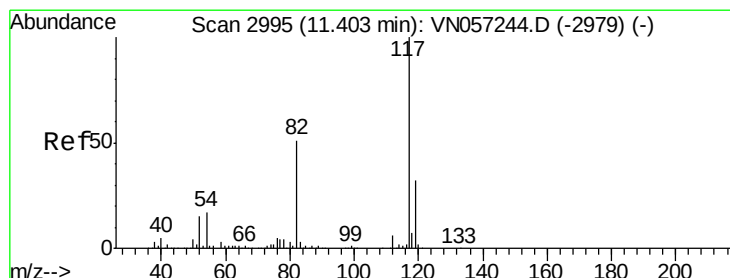
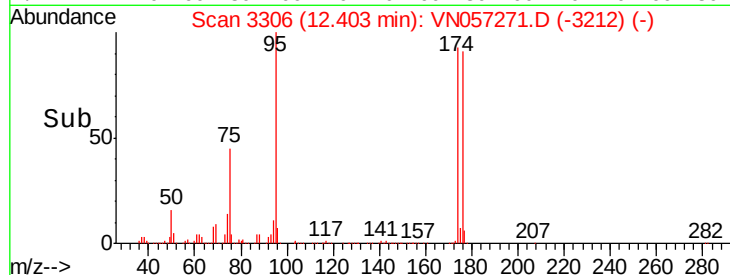
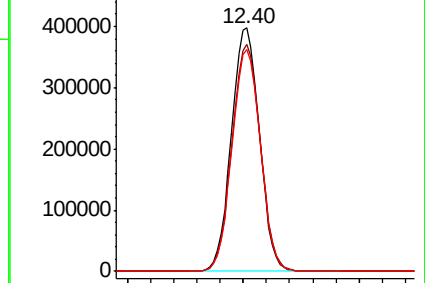
176 92.5 0.0 185.8



Abundance Ion 94.90 (94.60 to 95.60): VN057244.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057244.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057244.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

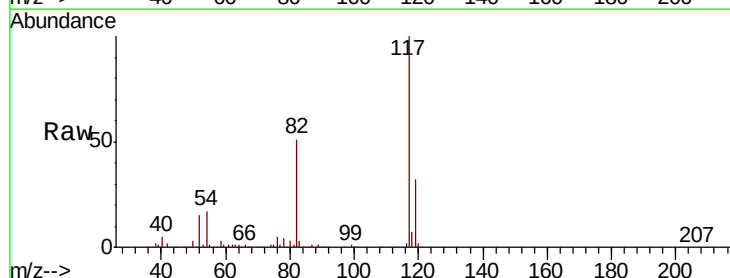
Tgt Ion: 117 Resp: 1792216

Ion Ratio Lower Upper

117 100

82 50.7 40.9 61.3

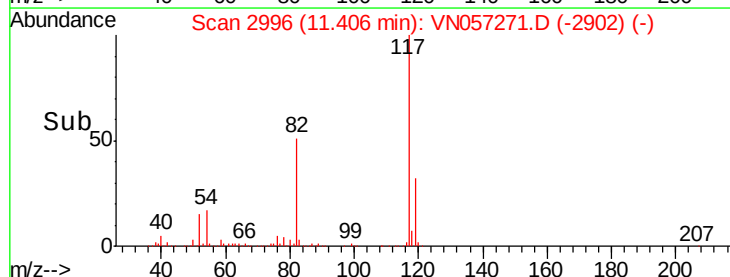
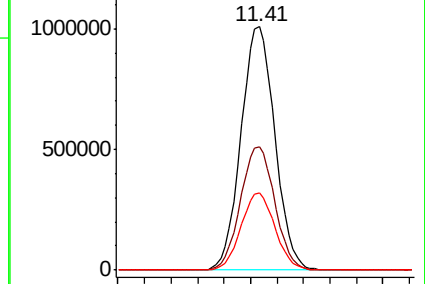
119 31.6 25.4 38.2

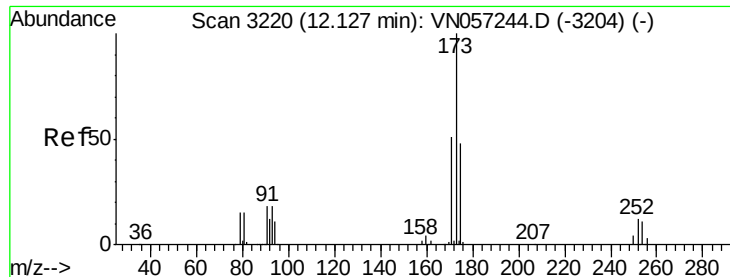


Abundance Ion 116.90 (116.60 to 117.60): VN057244.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057244.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057244.D (-2979) (-)





#71

Bromoform

Concen: 0.561 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C4-(4.3)

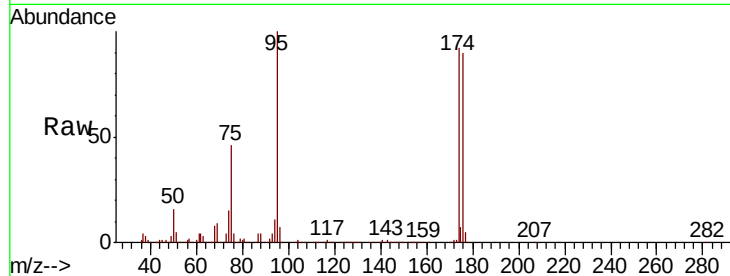
Tgt Ion:173 Resp: 6089

Ion Ratio Lower Upper

173 100

175 653.3 24.4 73.2#

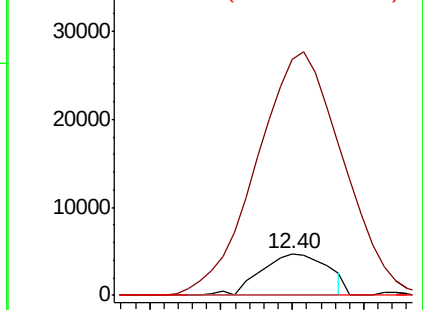
254 0.0 0.2 0.2#



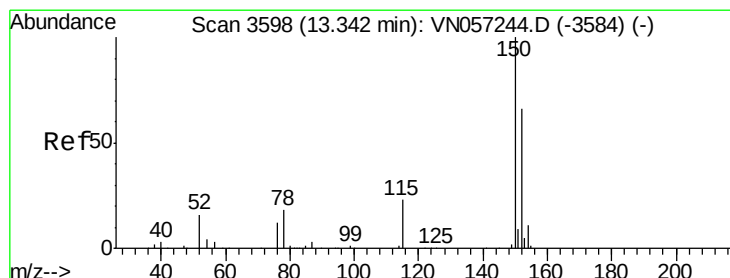
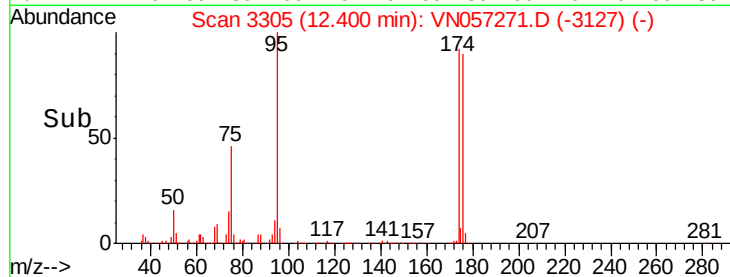
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

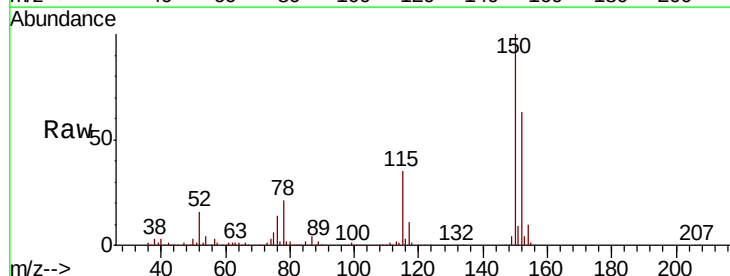
Tgt Ion:152 Resp: 475419

Ion Ratio Lower Upper

152 100

115 55.0 27.6 82.8

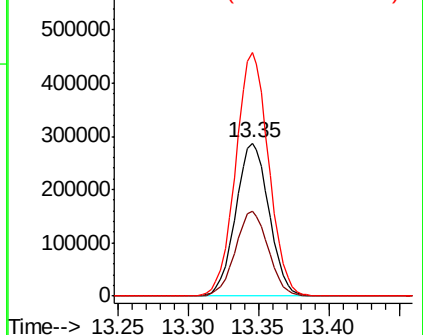
150 157.7 0.0 348.4



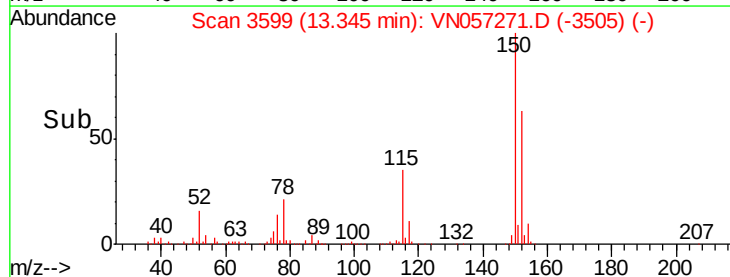
Abundance Ion 151.90 (151.60 to 152.60): V

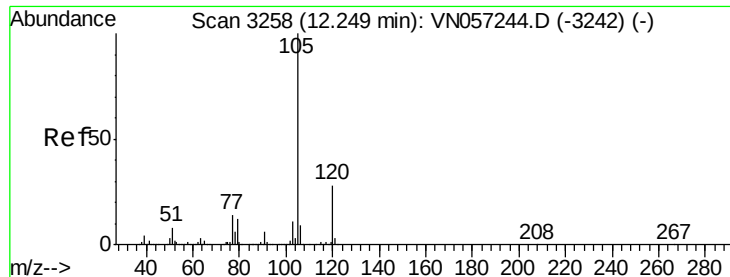
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

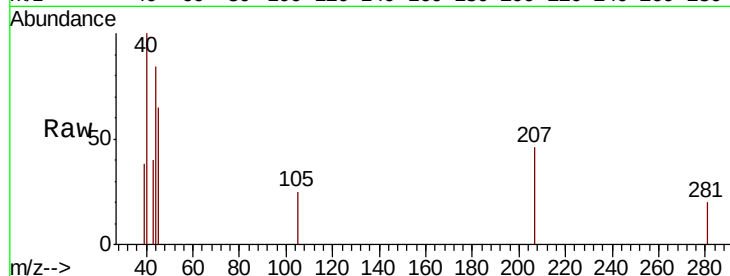
R1-R2-C4-(4.3)

Tgt Ion: 105 Resp: 71

Ion Ratio Lower Upper

105 100

120 0.0 13.8 41.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

200

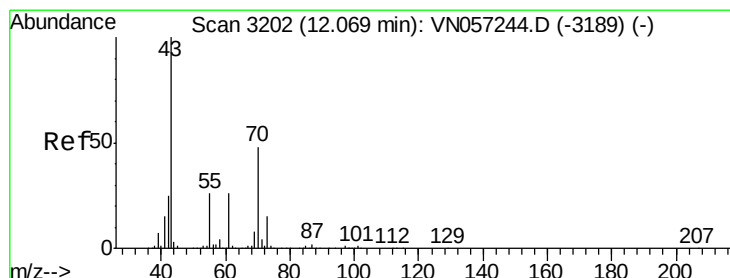
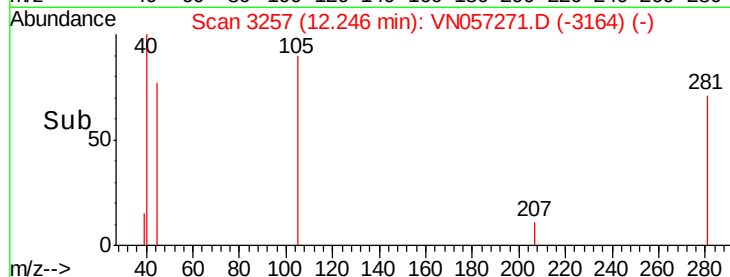
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Tgt Ion: 43 Resp: 7119

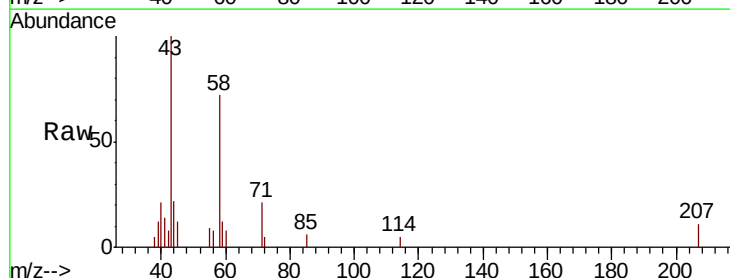
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.2#

55 6.6 21.0 31.4#

61 0.0 20.9 31.3#



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

5000

4000

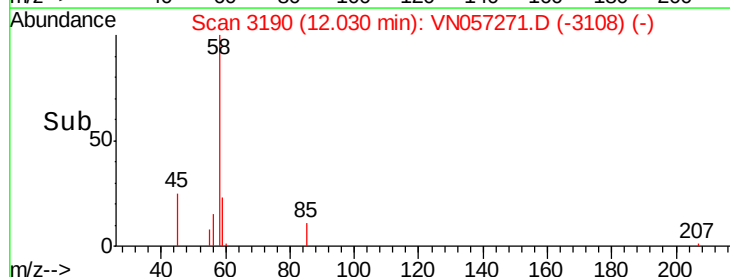
3000

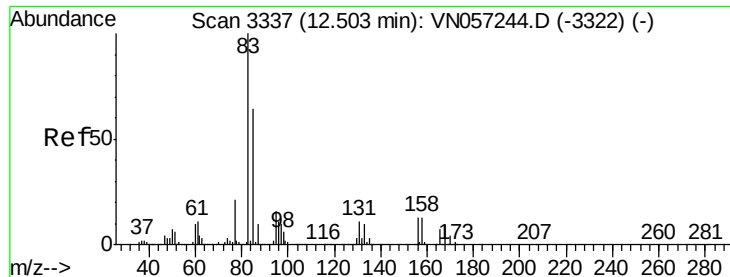
2000

1000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3302

Delta R.T. -0.11 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

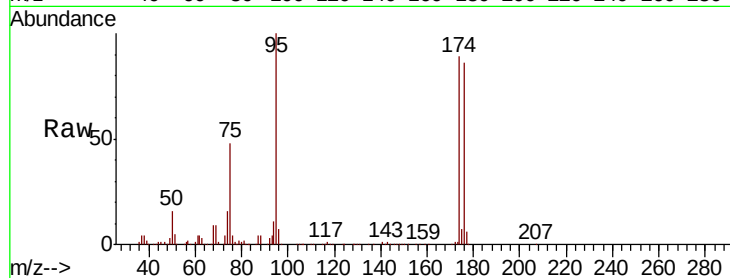
Instrument :

MSVOA_N

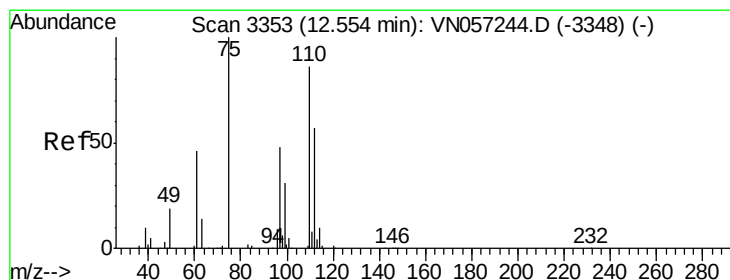
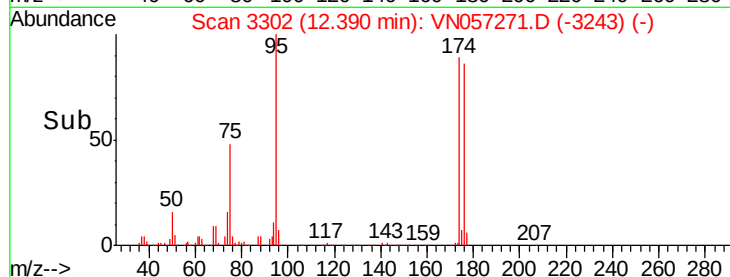
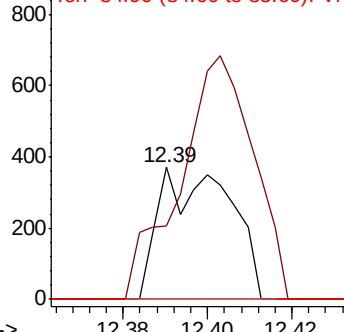
ClientSampled :

R1-R2-C4-(4.3)

Tgt Ion:	83	Resp:	431
Ion	Ratio	Lower	Upper
83	100		
131	191.6	5.6	16.8#
85	0.0	32.3	96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN057271.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 35.771 ug/l

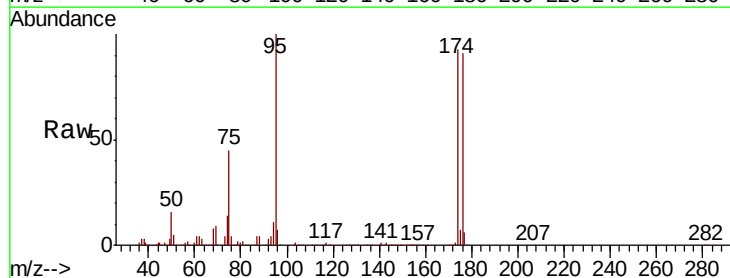
RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

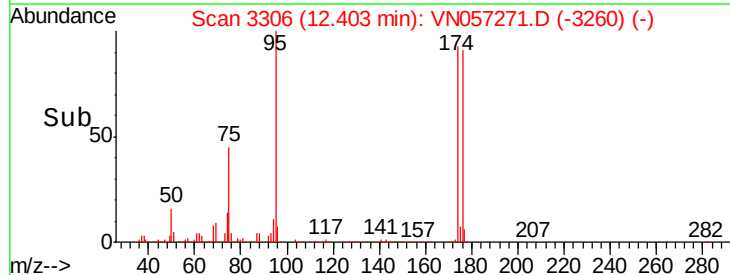
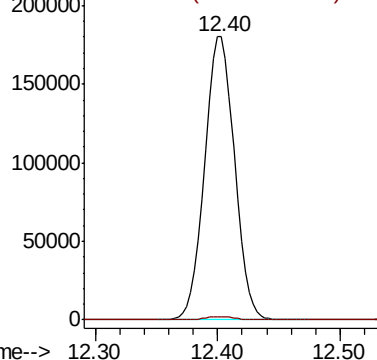
Lab File: VN057271.D

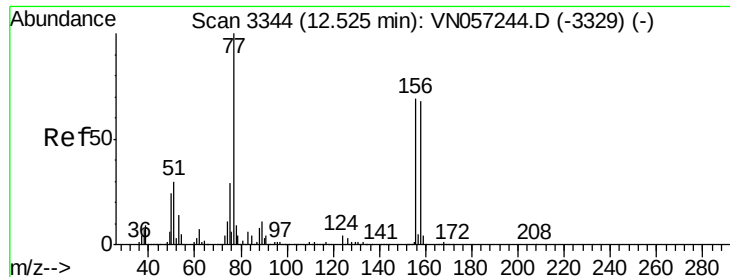
Acq: 14 Aug 2019 1:29

Tgt Ion:	75	Resp:	305980
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057271.D (-3306) (-)





#77

Bromobenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.13 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampled :

R1-R2-C4-(4.3)

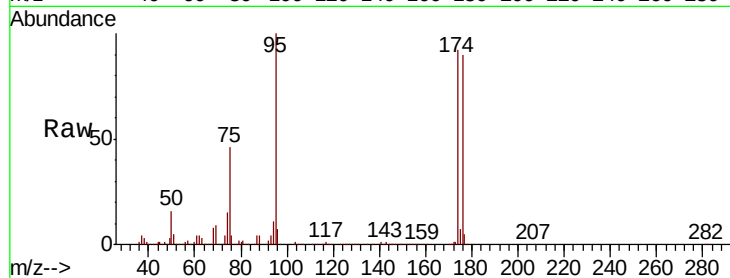
Tgt Ion:156 Resp: 113

Ion Ratio Lower Upper

156 100

77 3025.7 88.0 264.1#

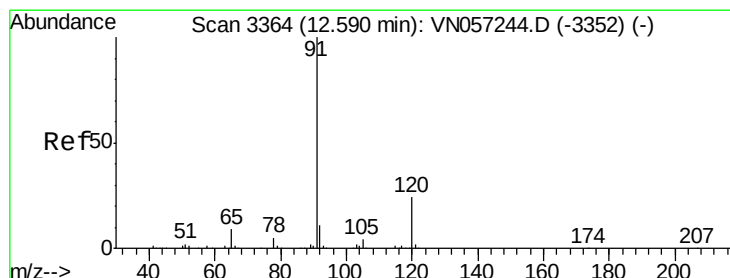
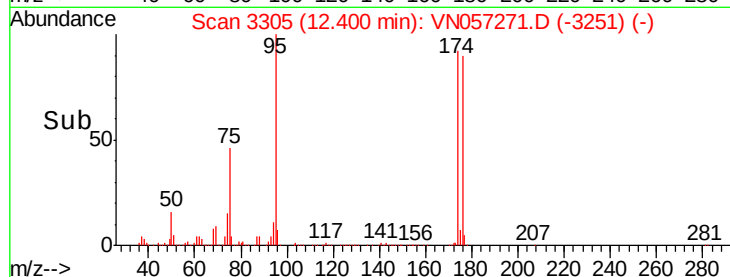
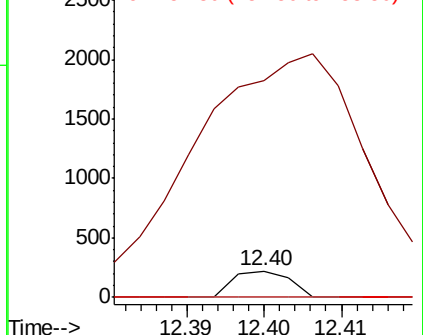
158 0.0 49.4 148.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: Below Cal

RT: 12.77 min Scan# 3420

Delta R.T. 0.18 min

Lab File: VN057271.D

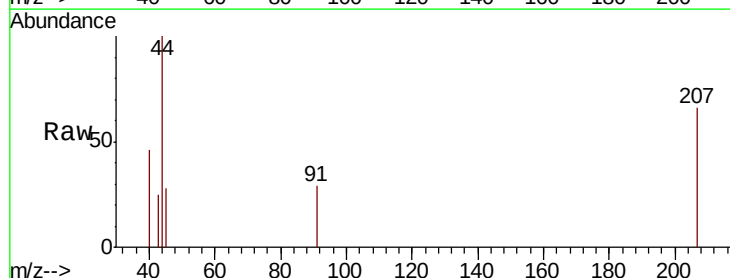
Acq: 14 Aug 2019 1:29

Tgt Ion: 91 Resp: 178

Ion Ratio Lower Upper

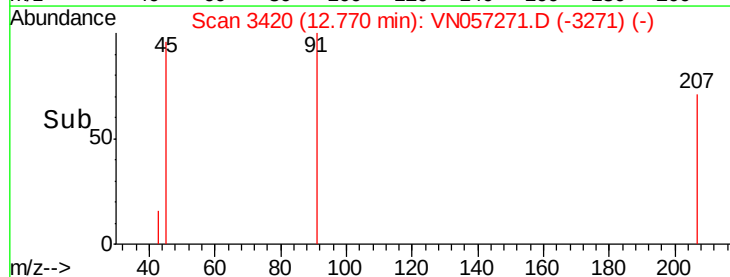
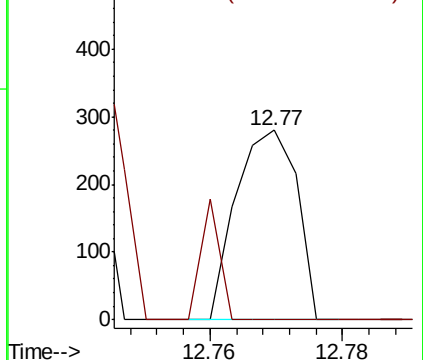
91 100

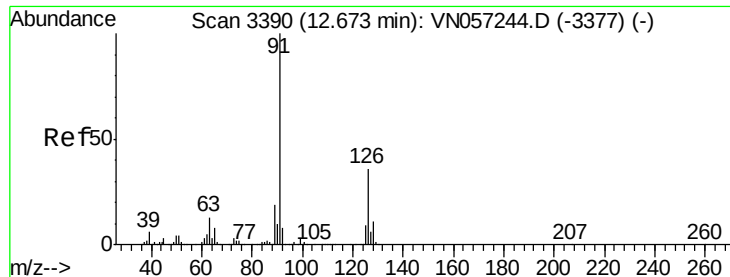
120 19.1 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

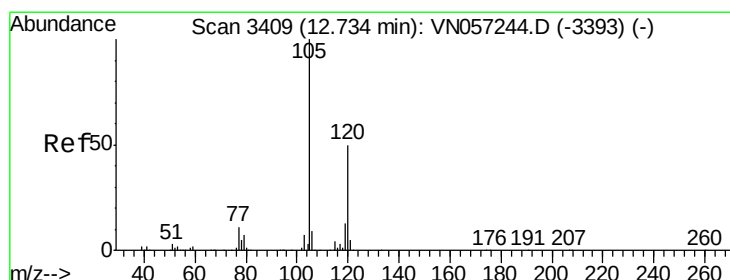
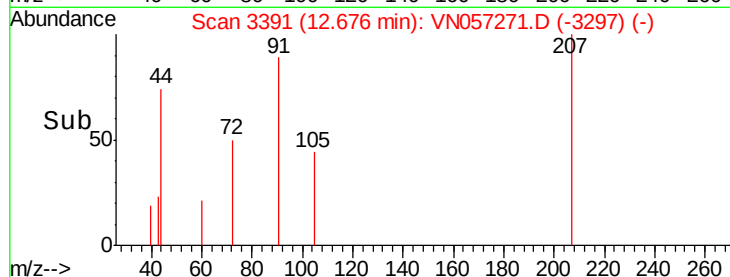
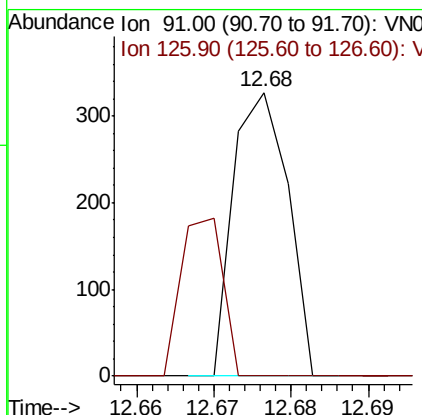
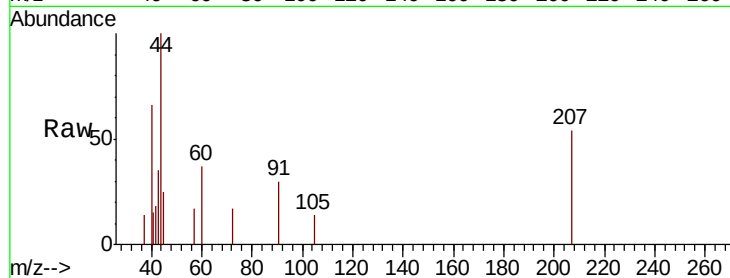




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

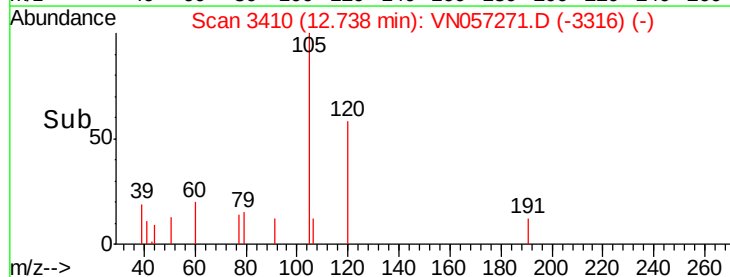
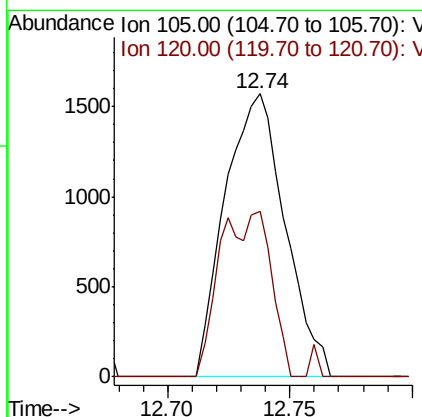
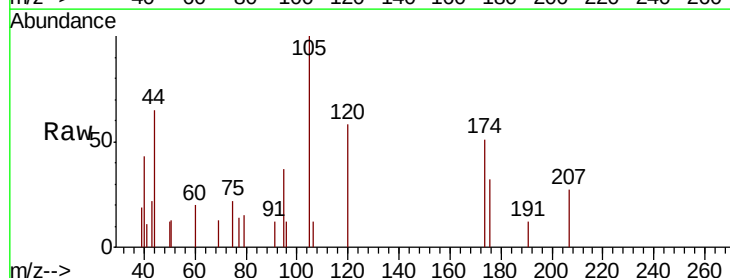
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

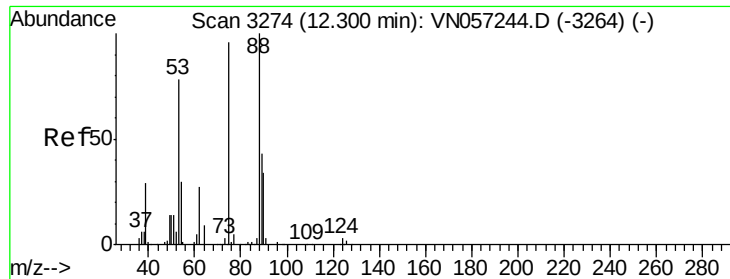
Tgt Ion: 91 Resp: 161
 Ion Ratio Lower Upper
 91 100
 126 42.2 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion: 105 Resp: 2687
 Ion Ratio Lower Upper
 105 100
 120 27.3 25.3 75.8

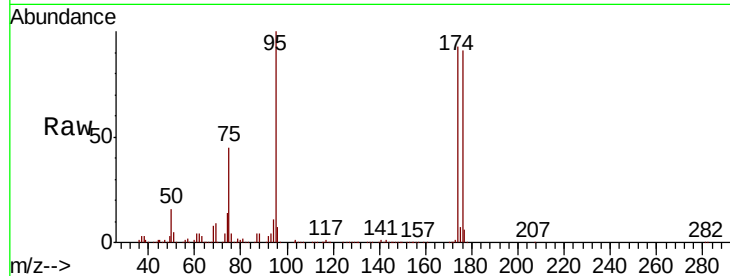




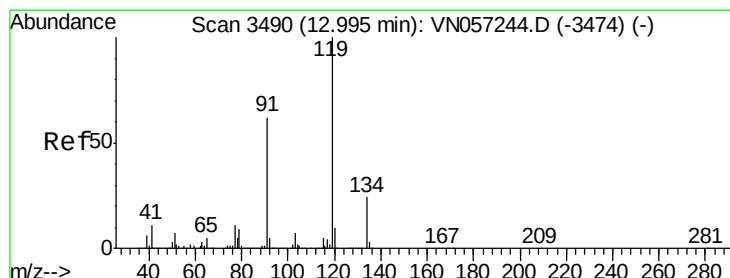
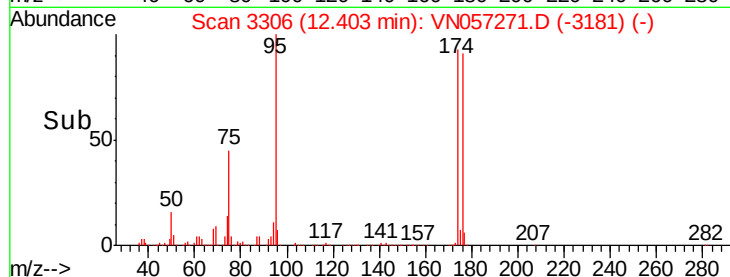
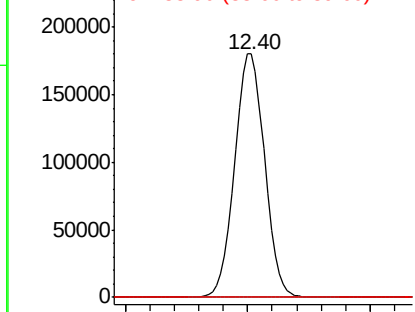
#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.447 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

Tgt Ion: 75 Resp: 305980
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.6#
 89 0.0 36.7 55.1#

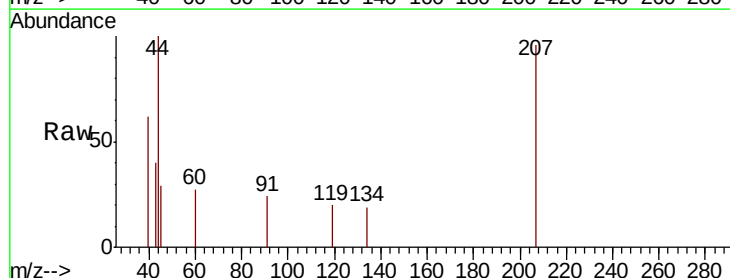


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 53.00 (52.70 to 53.70): VN0
 Ion 88.90 (88.60 to 89.60): VN0

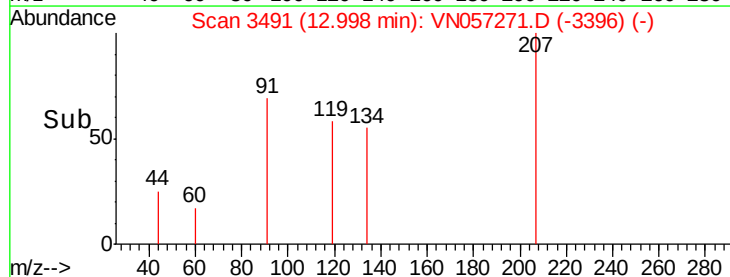
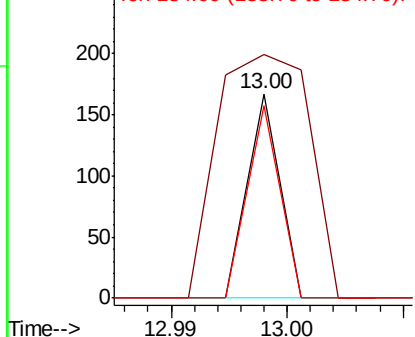


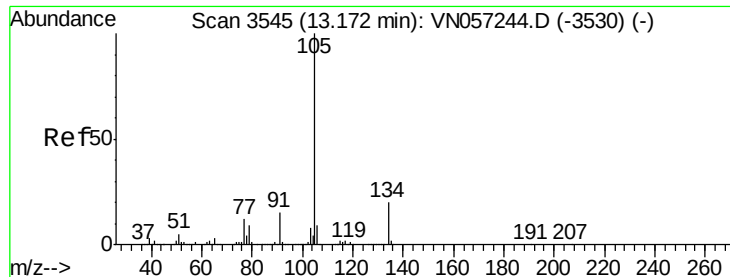
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion: 119 Resp: 32
 Ion Ratio Lower Upper
 119 100
 91 343.8 30.8 92.3#
 134 93.8 12.9 38.7#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN0
 Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

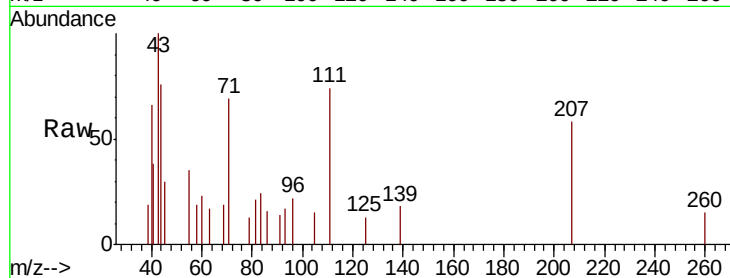
R1-R2-C4-(4.3)

Tgt Ion:105 Resp: 64

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

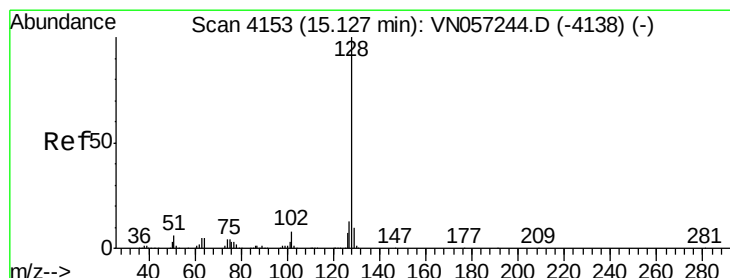
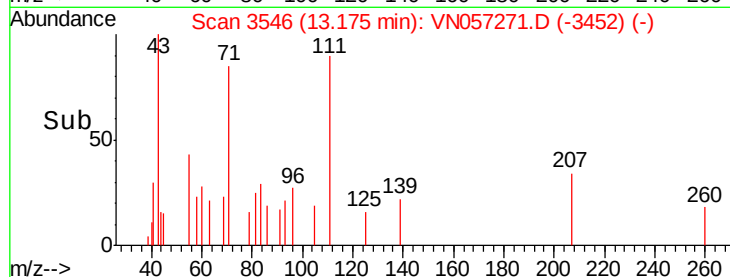
150

100

50

0

Time-->



#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4155

Delta R.T. 0.01 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

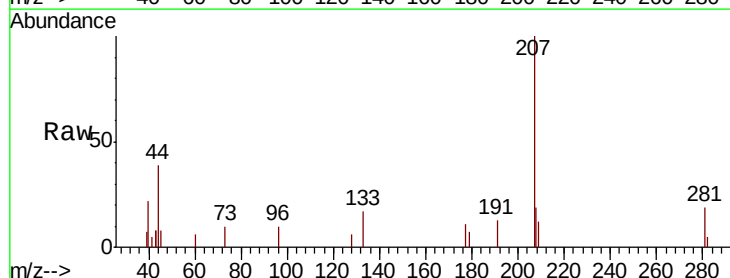
Tgt Ion:128 Resp: 71

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.5 12.7#



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

250

200

150

100

50

0

Time-->

