

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057270.D
 Acq On : 14 Aug 2019 1:05
 Operator : JC/SP
 Sample : K4266-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

Quant Time: Aug 14 06:36:24 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	1424618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2013529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1683973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	440405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	666617	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	7.58	113	604705	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
50) Toluene-d8	10.09	98	2350800	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	619268	38.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.02%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	2350	1.214	ug/l #	87
16) Acetone	3.81	43	30400	6.170	ug/l	99
18) Methyl Acetate	4.31	43	48189	2.693	ug/l	95
20) Methylene Chloride	4.55	84	48345	3.359	ug/l	95
25) 2-Butanone	6.84	43	2885	0.412	ug/l	96
29) Tetrahydrofuran	7.22	42	1771	0.395	ug/l #	53
31) Cyclohexane	7.66	56	20448	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	86571	4.918	ug/l #	48
38) Carbon Tetrachloride	7.66	117	123256	6.591	ug/l #	15
43) Isopropyl Acetate	8.16	43	330781	14.195	ug/l #	76
48) Methyl methacrylate	9.18	41	11018	1.022	ug/l #	10
49) 1,4-Dioxane	9.19	88	147	0.605	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	13251	0.968	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	96744	4.557	ug/l #	62
56) Ethyl methacrylate	10.54	69	3912	0.215	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	15204	0.710	ug/l #	43
59) 2-Hexanone	10.76	43	207445	21.367	ug/l #	48
71) Bromoform	12.40	173	5194	0.509	ug/l #	1
73) Isopropylbenzene	12.25	105	317	Below Cal	#	47
74) N-amyl acetate	12.03	43	7262	Below Cal	#	42
75) 1,1,2,2-Tetrachloroethane	12.41	83	180	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	289488	36.612	ug/l #	100
77) Bromobenzene	12.41	156	206	Below Cal	#	1
78) n-propylbenzene	12.58	91	465	Below Cal	#	51
79) 2-Chlorotoluene	12.68	91	449	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2816	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	289488	88.290	ug/l #	16
83) tert-Butylbenzene	12.98	119	29	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	462	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.92	180	352	3.302	ug/l #	35
94) Hexachlorobutadiene	15.01	225	31	Below Cal	#	19
95) Naphthalene	15.13	128	339	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	112	4.256	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057270.D
Acq On : 14 Aug 2019 1:05
Operator : JC/SP
Sample : K4266-19
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(4.3)

Quant Time: Aug 14 06:36:24 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

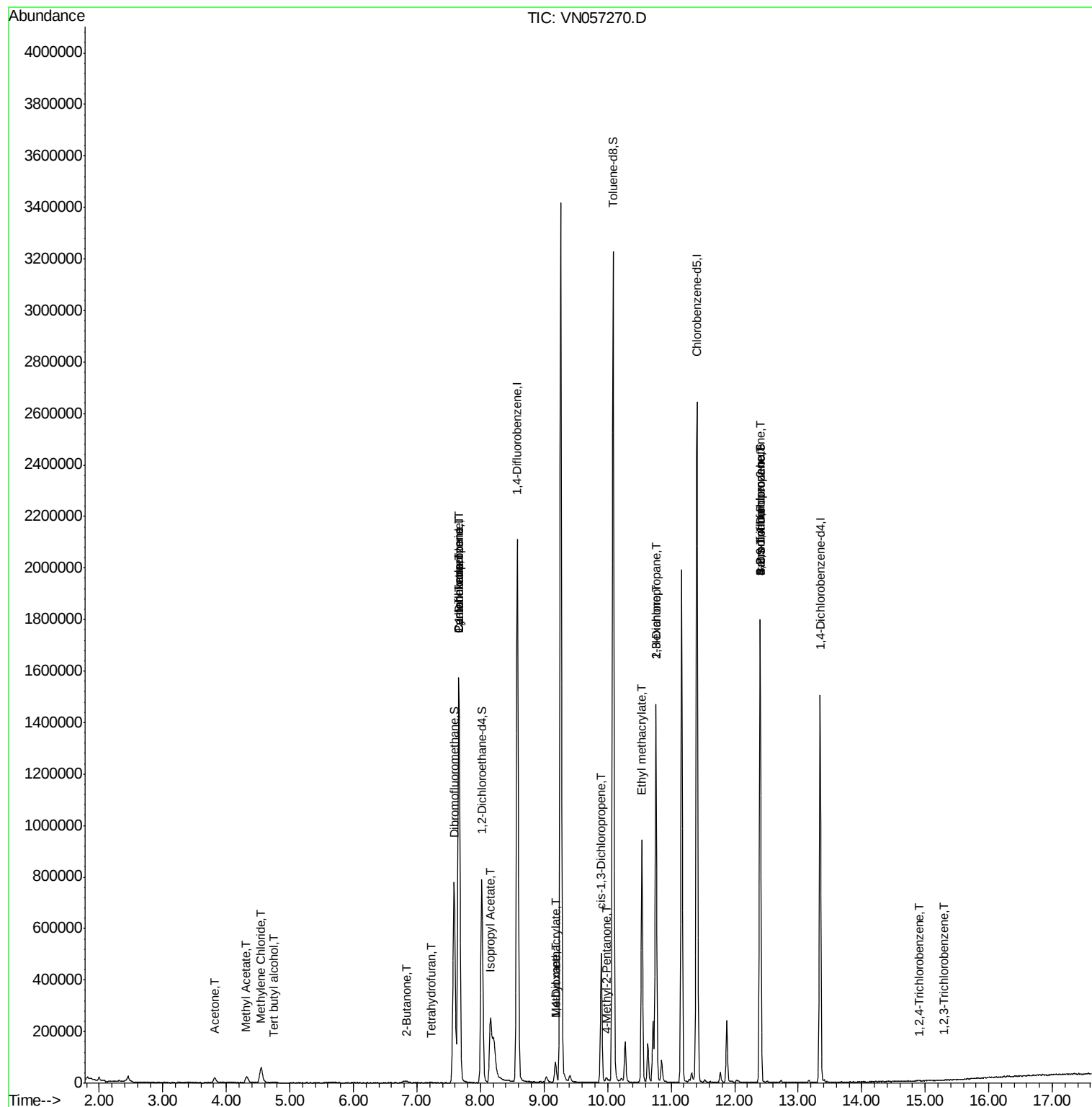
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

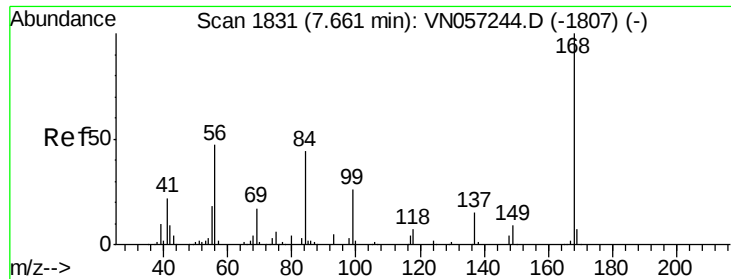
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057270.D
Acq On : 14 Aug 2019 1:05
Operator : JC/SP
Sample : K4266-19
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(4.3)

Quant Time: Aug 14 06:36:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
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: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

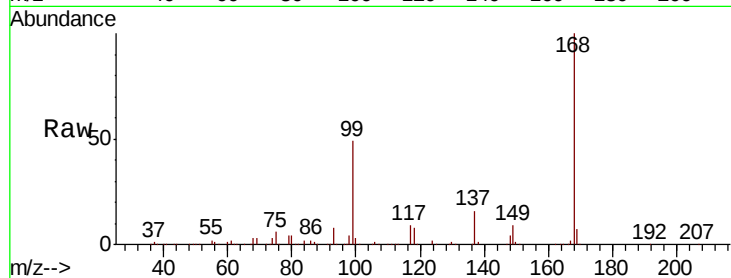
R1-R2-C3-(4.3)

Tgt Ion:168 Resp: 1424618

Ion Ratio Lower Upper

168 100

99 48.8 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

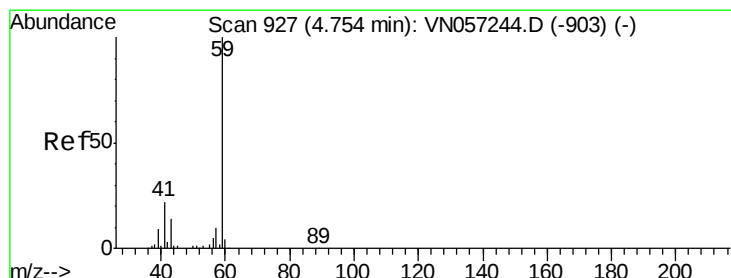
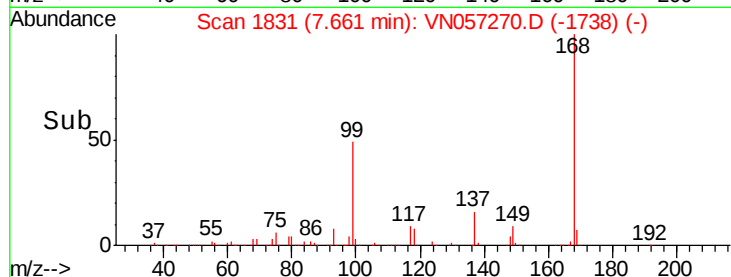
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.214 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: VN057270.D

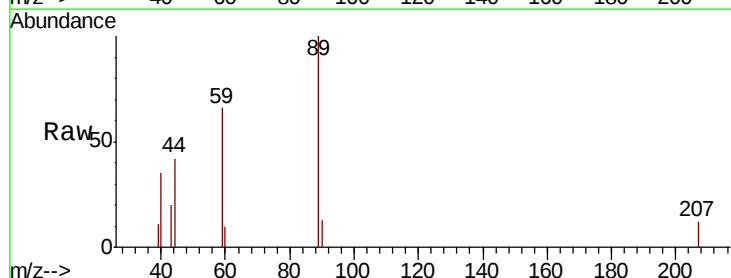
Acq: 14 Aug 2019 1:05

Tgt Ion: 59 Resp: 2350

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

1200

1000

800

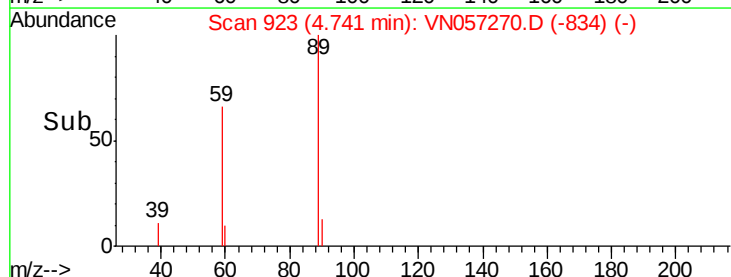
600

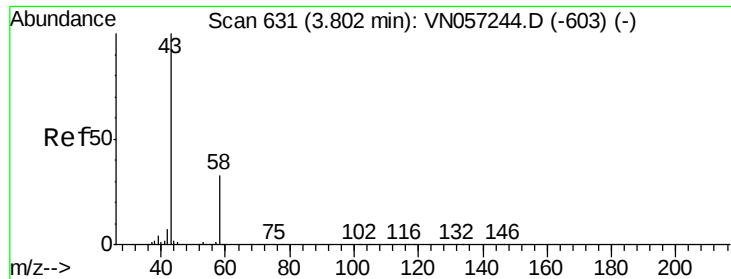
400

200

0

Time-->

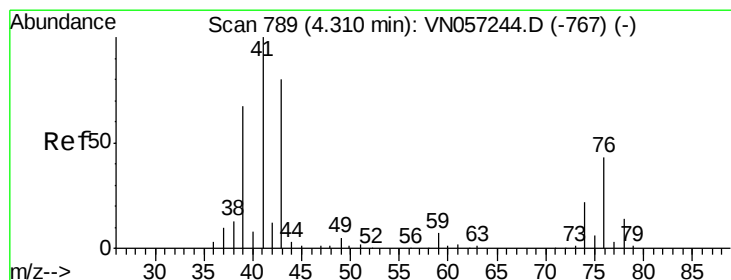
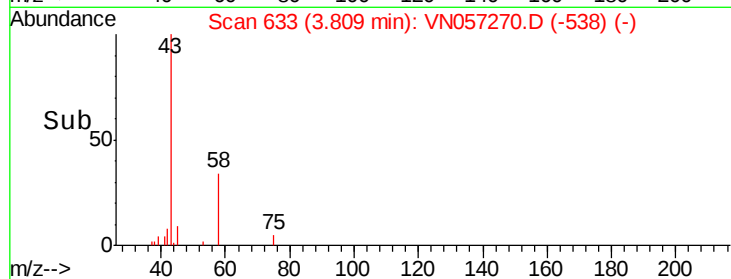
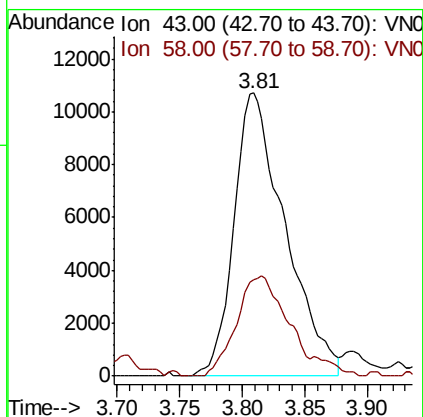
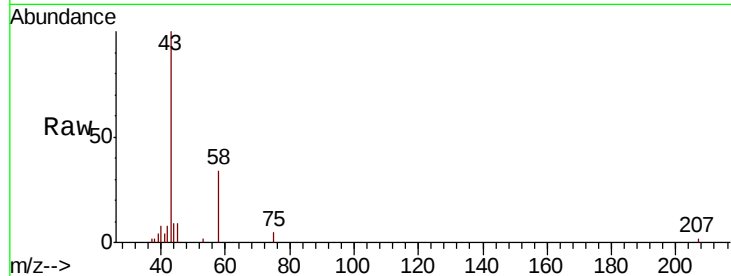




#16
Acetone
Concen: 6.170 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

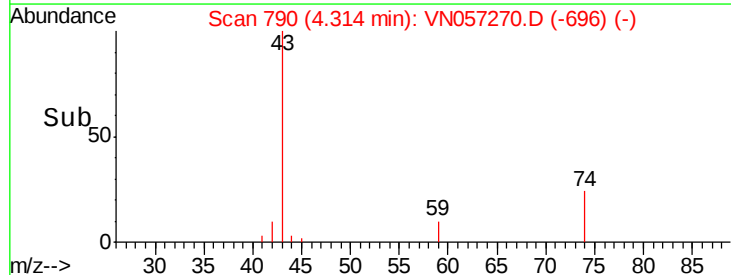
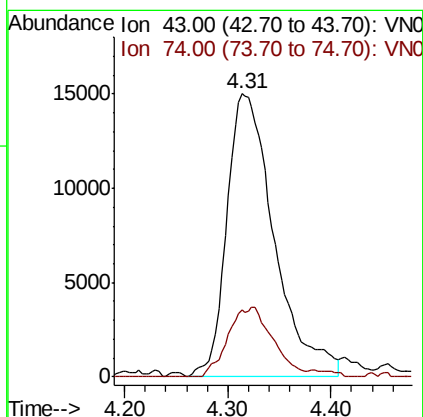
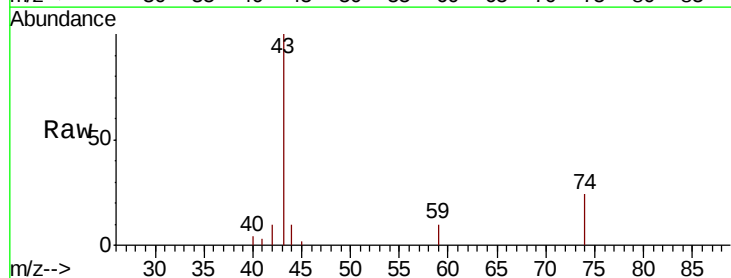
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(4.3)

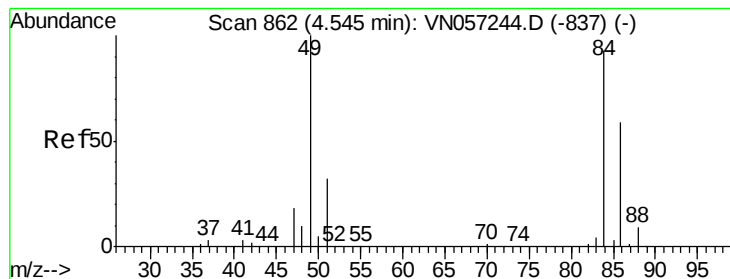
Tgt Ion: 43 Resp: 30400
Ion Ratio Lower Upper
43 100
58 34.2 26.7 40.1



#18
Methyl Acetate
Concen: 2.693 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

Tgt Ion: 43 Resp: 48189
Ion Ratio Lower Upper
43 100
74 23.0 20.6 31.0





#20

Methylene Chloride

Concen: 3.359 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampled :

R1-R2-C3-(4.3)

Tgt Ion: 84 Resp: 48345

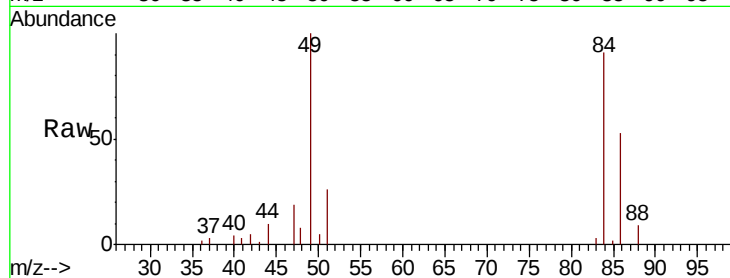
Ion Ratio Lower Upper

84 100

49 109.5 85.9 128.9

51 28.0 27.1 40.7

86 58.3 51.0 76.6

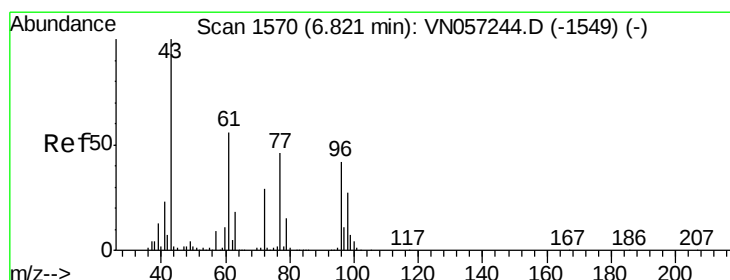
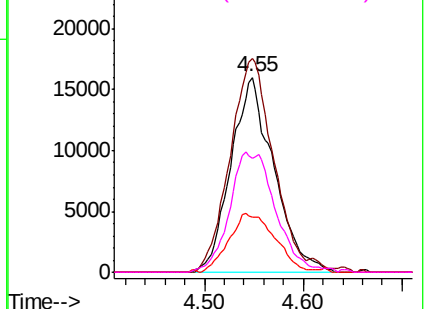
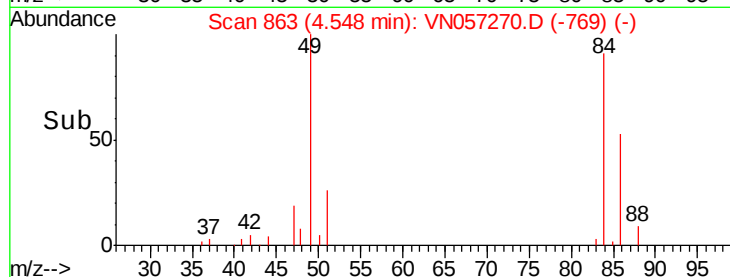


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.412 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.02 min

Lab File: VN057270.D

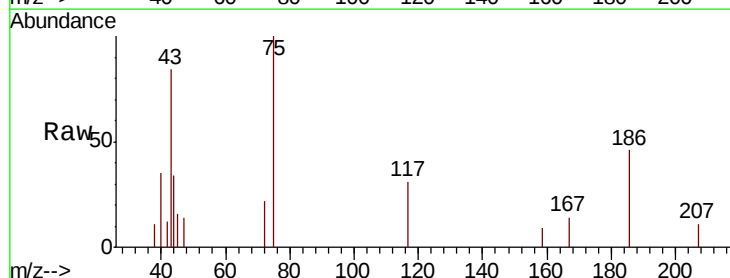
Acq: 14 Aug 2019 1:05

Tgt Ion: 43 Resp: 2885

Ion Ratio Lower Upper

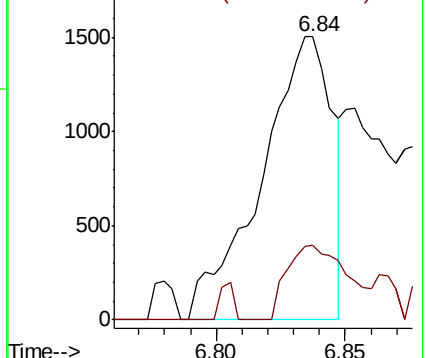
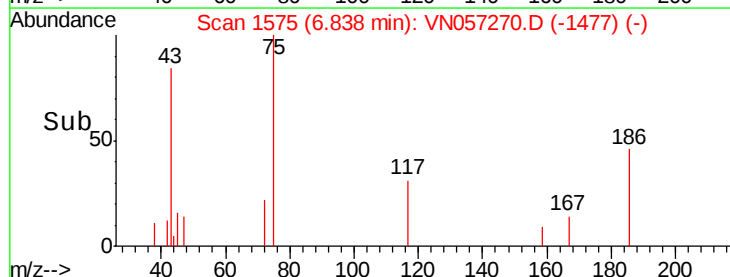
43 100

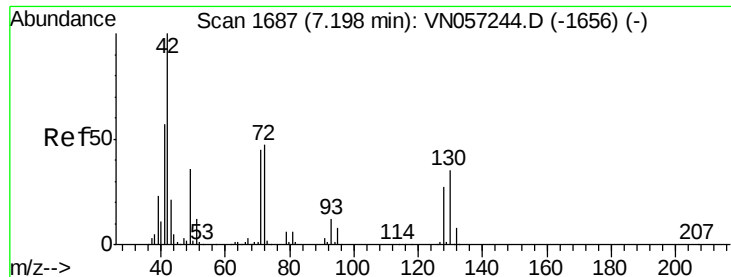
72 26.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

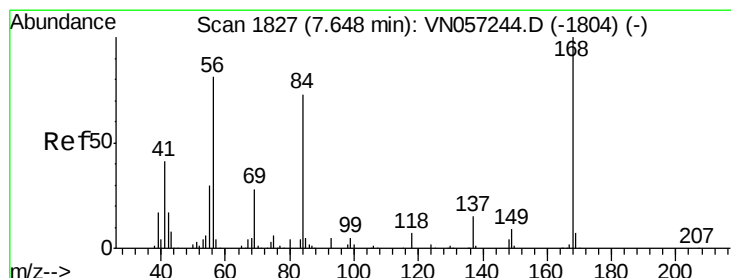
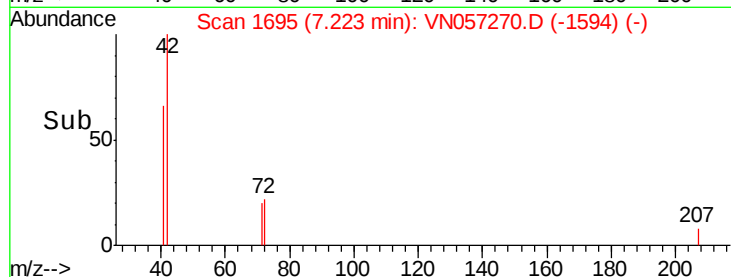
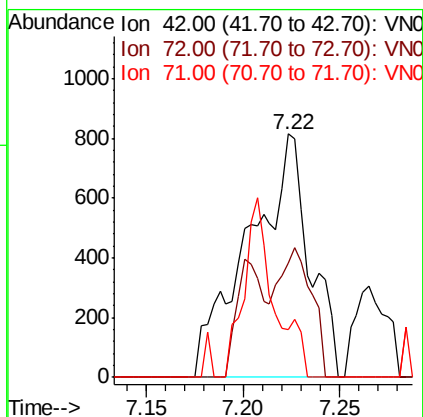
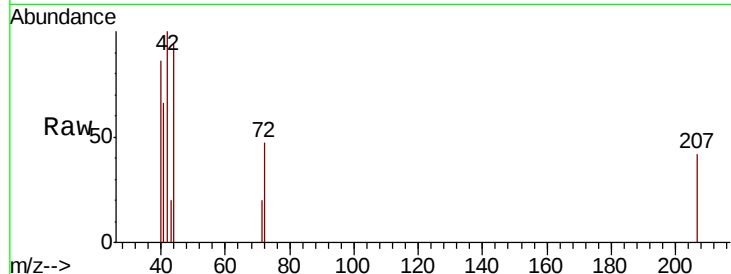




#29
Tetrahydrofuran
Concen: 0.395 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.03 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

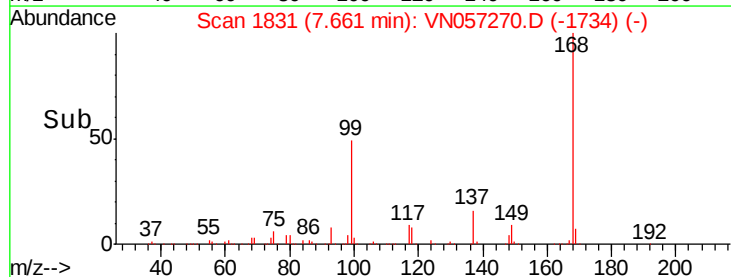
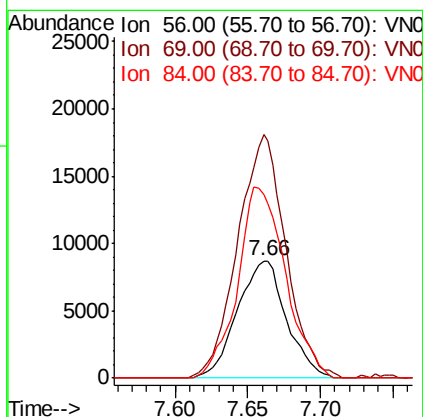
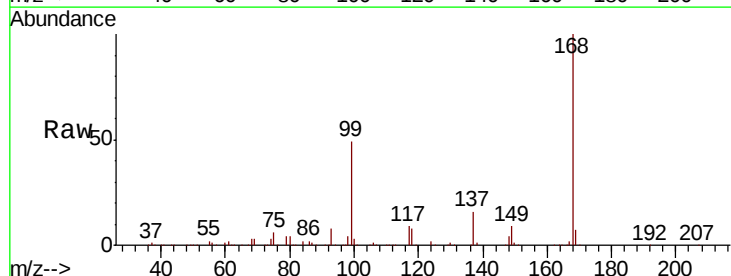
Instrument :
MSVOA_N
ClientSampled :
R1-R2-C3-(4.3)

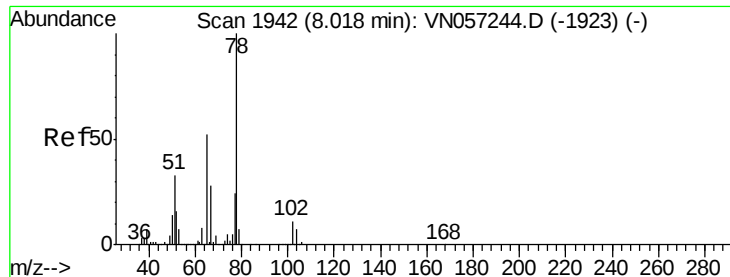
Tgt Ion: 42 Resp: 1771
Ion Ratio Lower Upper
42 100
72 29.1 37.6 56.4#
71 0.0 35.6 53.4#



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

Tgt Ion: 56 Resp: 20448
Ion Ratio Lower Upper
56 100
69 207.6 27.8 41.8#
84 156.6 72.0 108.0#

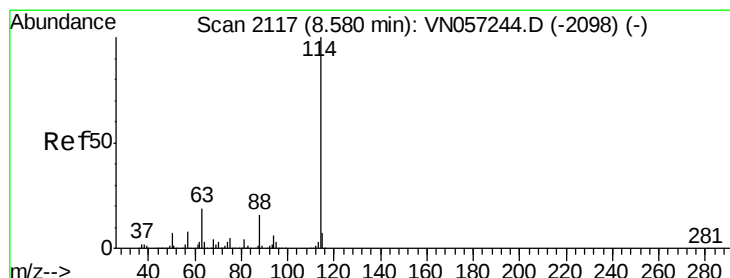
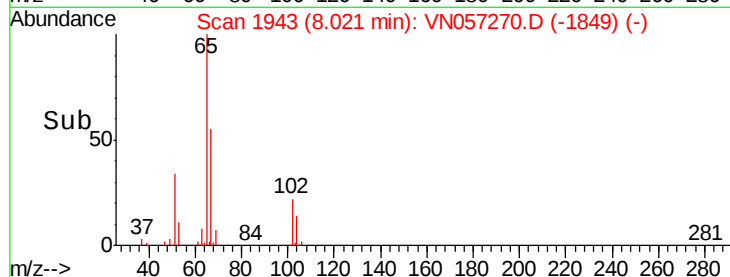
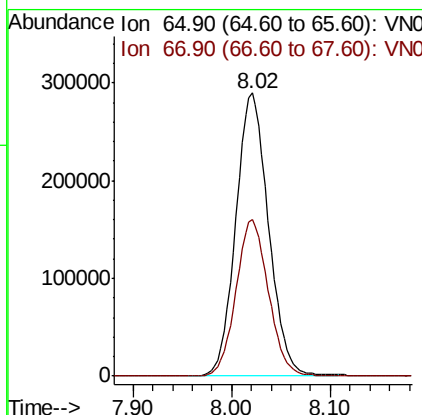
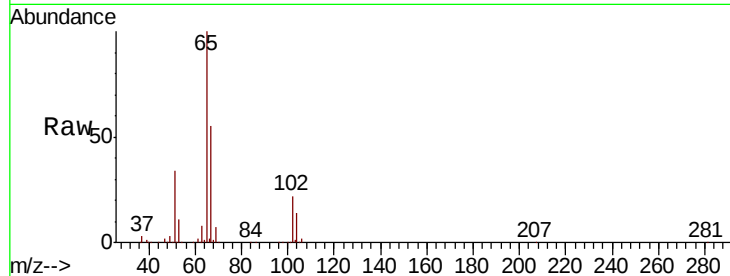




#33
 1,2-Dichloroethane-d4
 Concen: 46.386 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

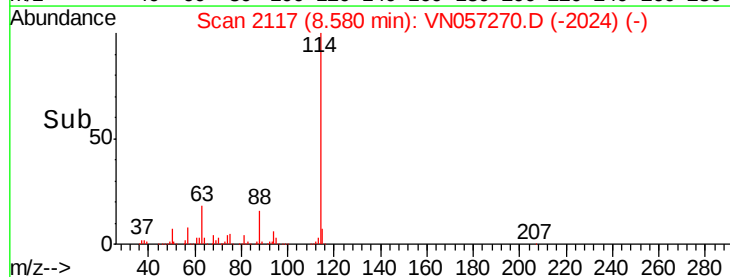
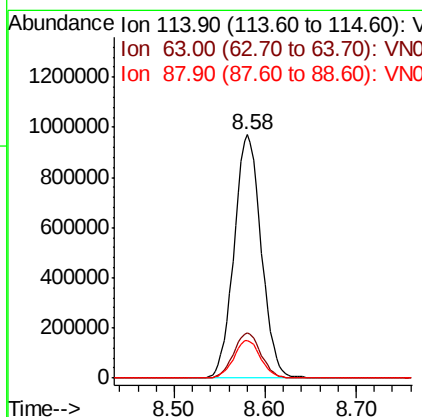
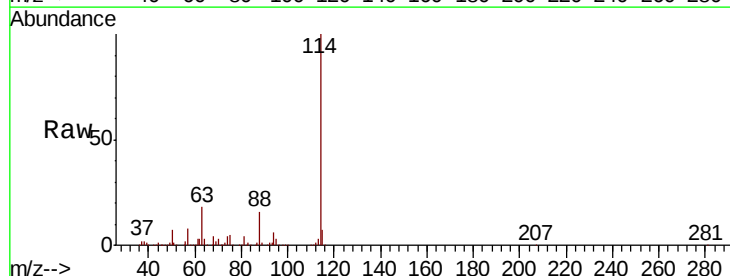
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

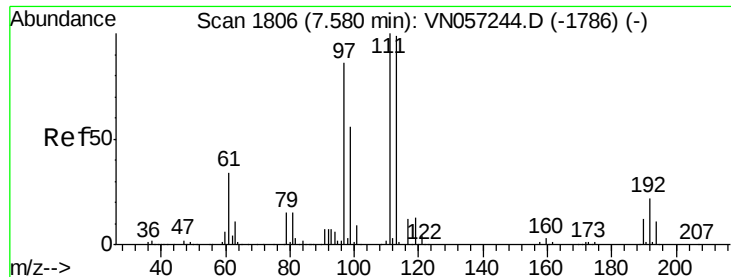
Tgt Ion: 65 Resp: 666617
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

Tgt Ion: 114 Resp: 2013529
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 15.5 0.0 31.0

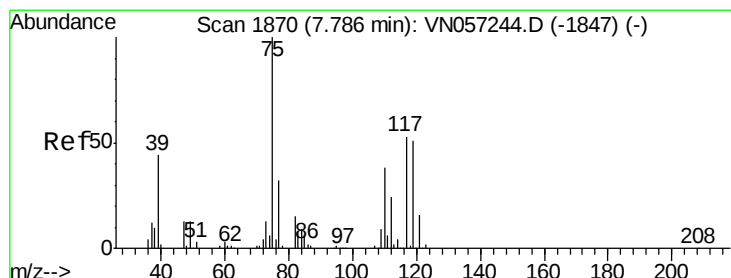
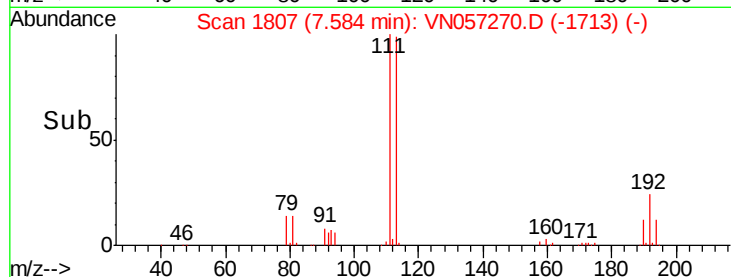
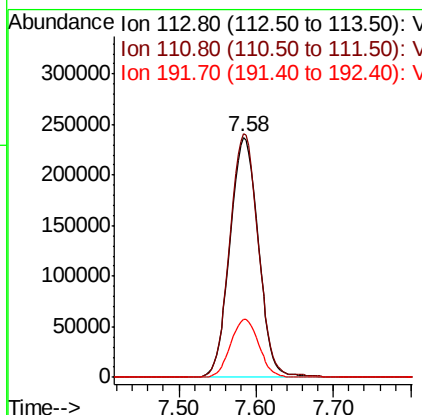
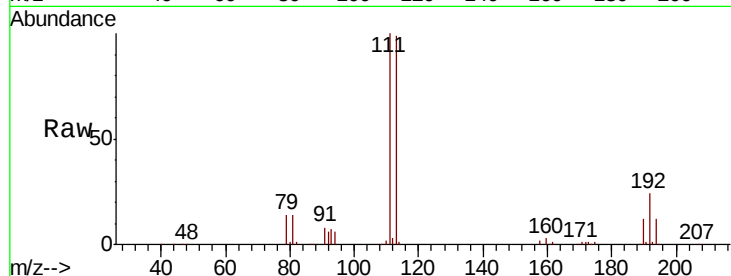




#35
 Dibromofluoromethane
 Concen: 47.034 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

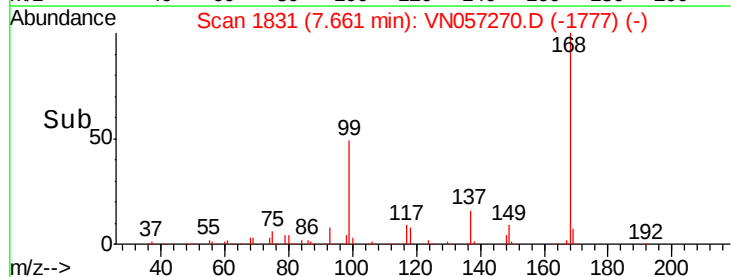
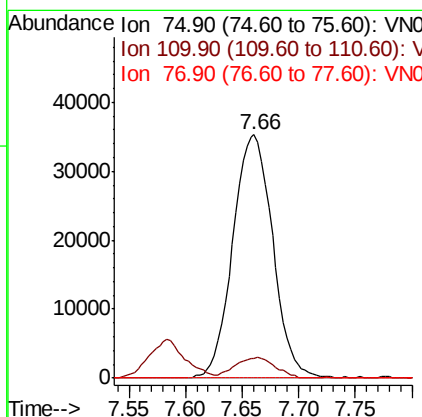
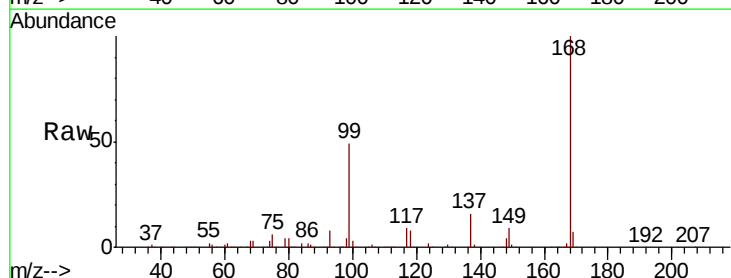
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

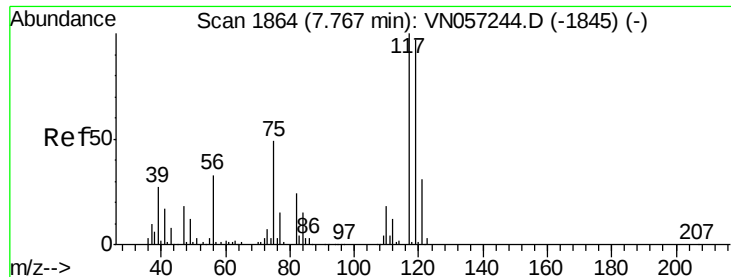
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	24.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.918 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.1#
77	0.0	25.2	37.8#

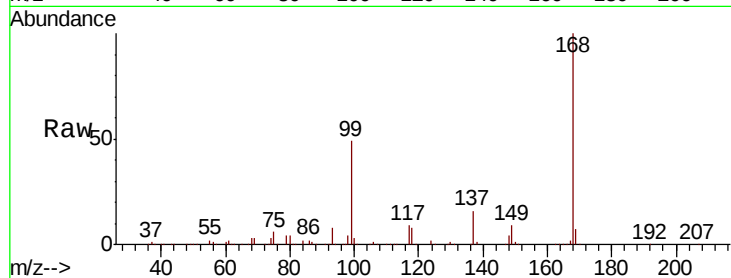




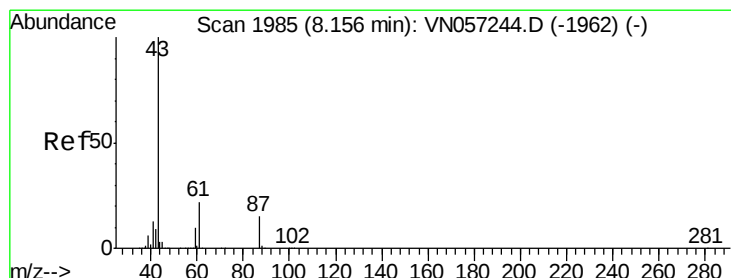
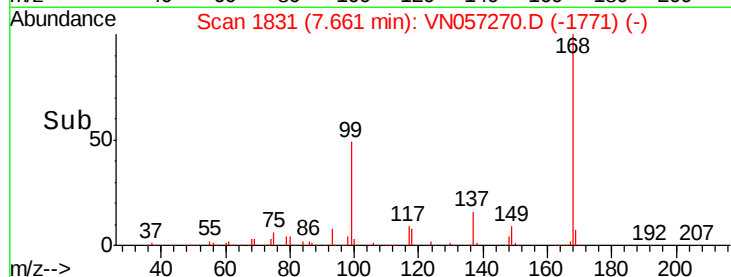
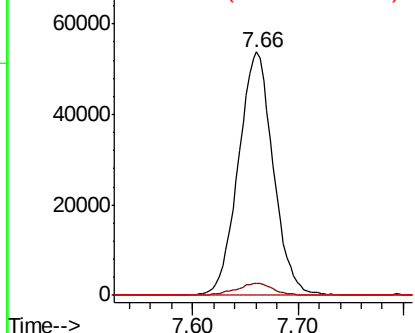
#38
Carbon Tetrachloride
Concen: 6.591 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(4.3)

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.8	116.6#
121	0.0	24.9	37.3#

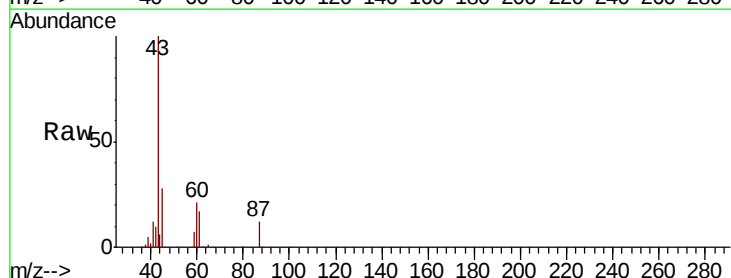


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

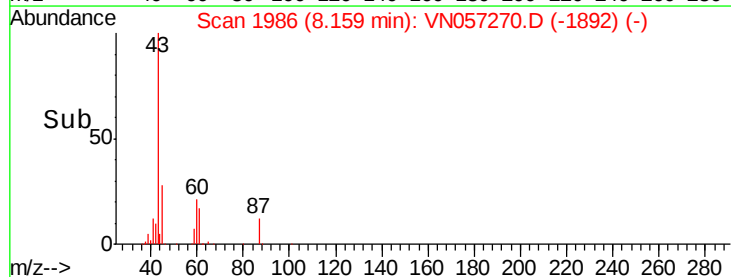
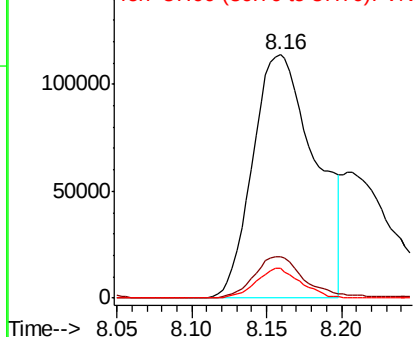


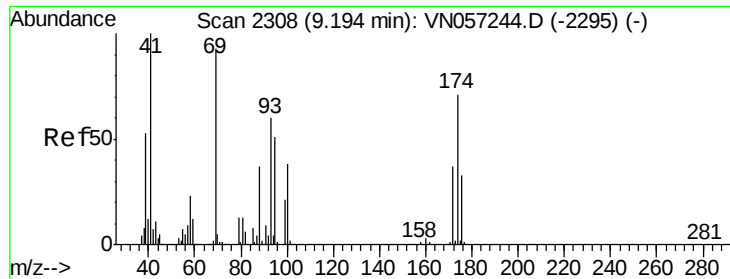
#43
Isopropyl Acetate
Concen: 14.195 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	23.5	35.3#
87	8.7	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

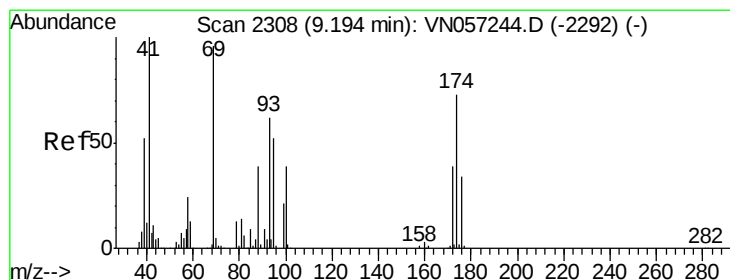
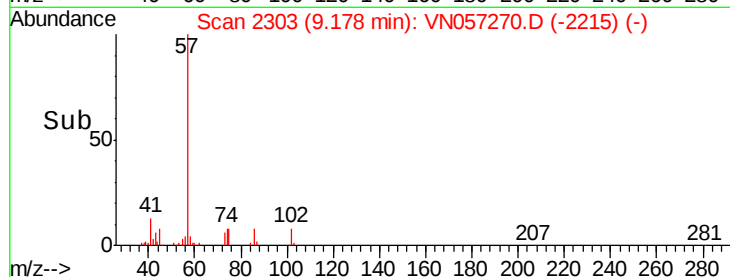
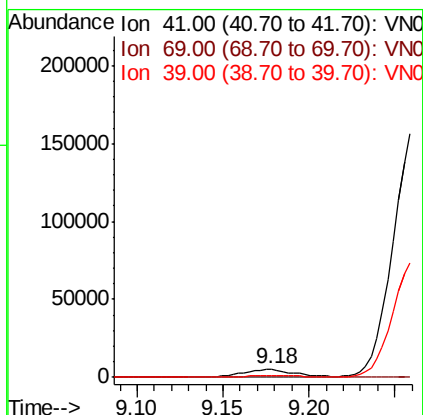
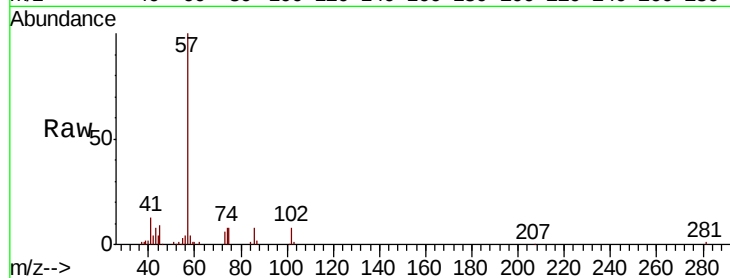




#48
Methyl methacrylate
Concen: 1.022 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

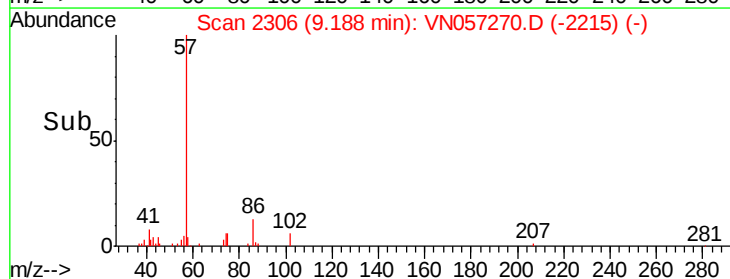
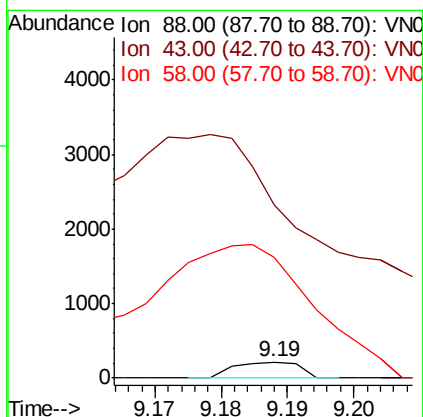
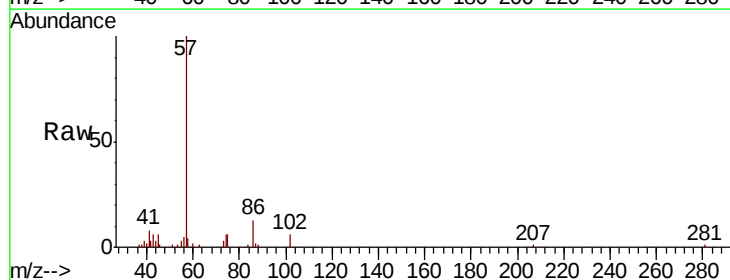
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C3-(4.3)

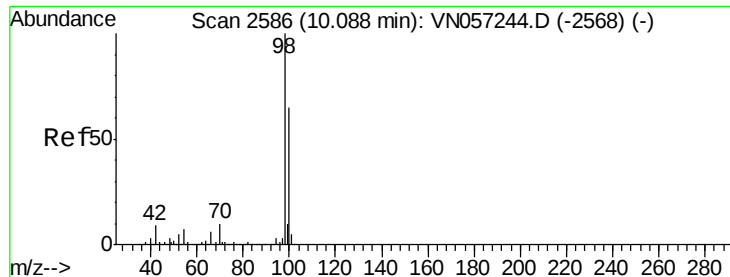
Tgt Ion: 41 Resp: 11018
Ion Ratio Lower Upper
41 100
69 0.0 75.7 113.5#
39 0.0 43.3 64.9#



#49
1,4-Dioxane
Concen: 0.605 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

Tgt Ion: 88 Resp: 147
Ion Ratio Lower Upper
88 100
43 0.0 20.7 31.1#
58 2254.4 52.0 78.0#





#50

Toluene-d8

Concen: 50.131 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampled :

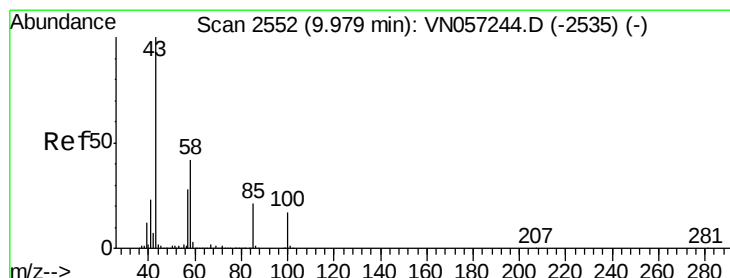
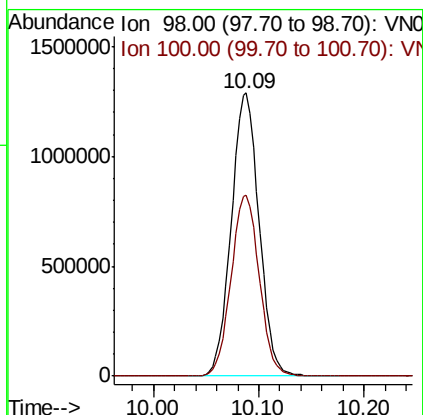
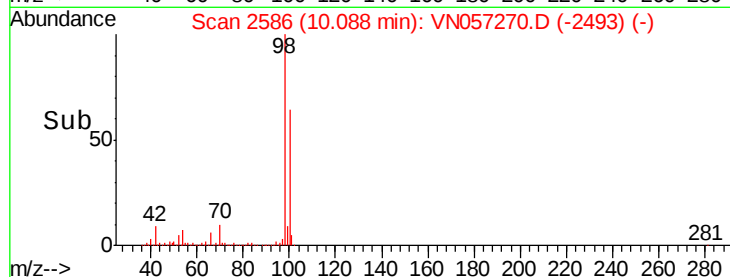
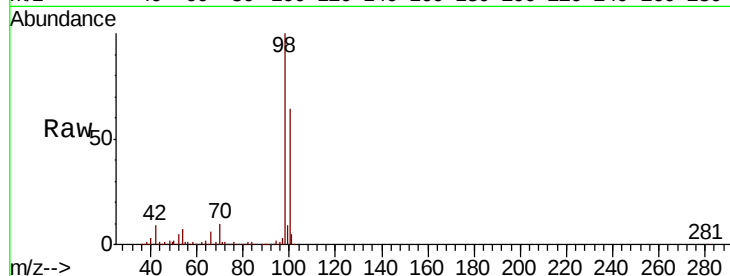
R1-R2-C3-(4.3)

Tgt Ion: 98 Resp: 2350800

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.968 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057270.D

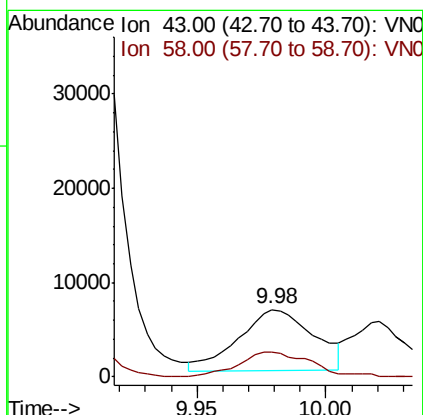
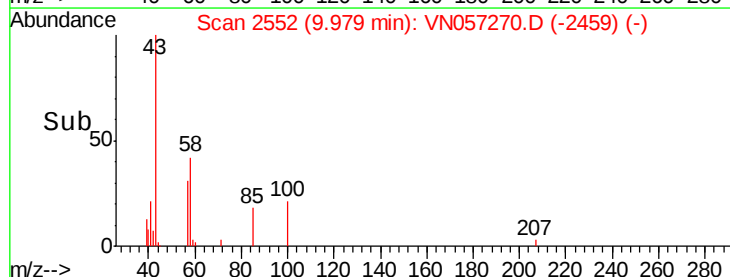
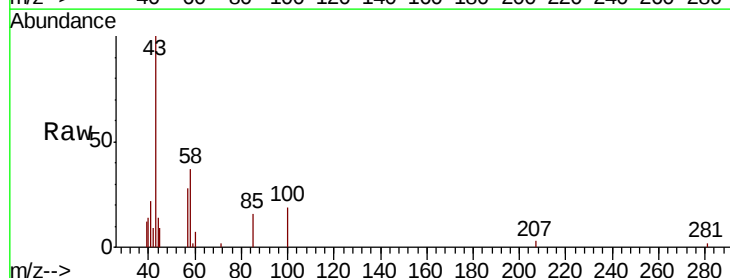
Acq: 14 Aug 2019 1:05

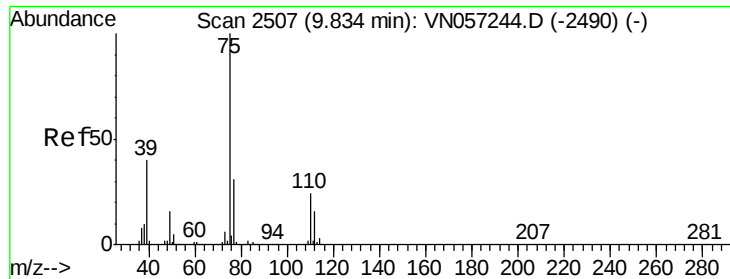
Tgt Ion: 43 Resp: 13251

Ion Ratio Lower Upper

43 100

58 39.5 33.7 50.5





#54

cis-1,3-Dichloropropene

Concen: 4.557 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(4.3)

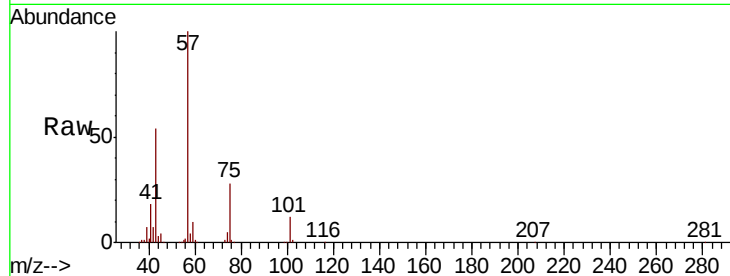
Tgt Ion: 75 Resp: 96744

Ion Ratio Lower Upper

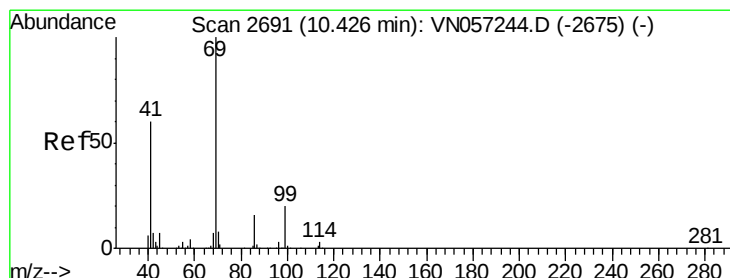
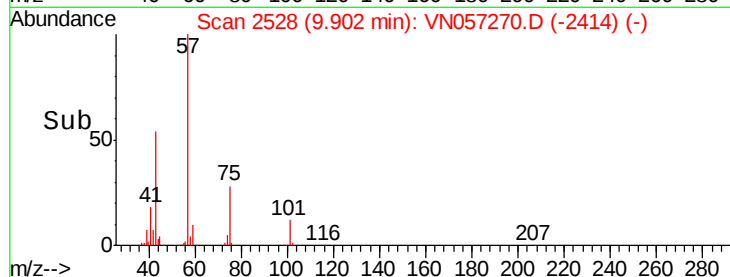
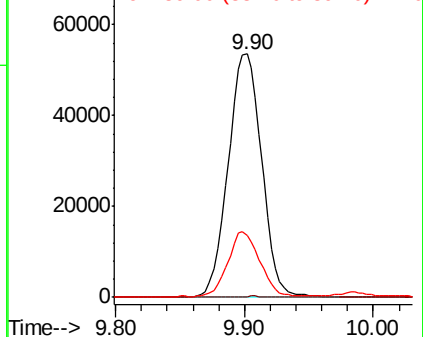
75 100

77 0.4 25.0 37.6#

39 25.0 32.3 48.5#



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 76.90 (76.60 to 77.60): VNC
Ion 39.00 (38.70 to 39.70): VNC



#56

Ethyl methacrylate

Concen: 0.215 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

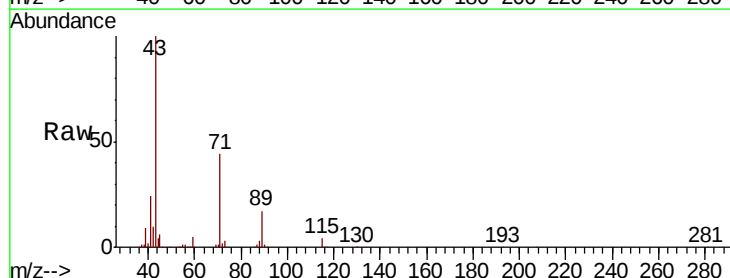
Tgt Ion: 69 Resp: 3912

Ion Ratio Lower Upper

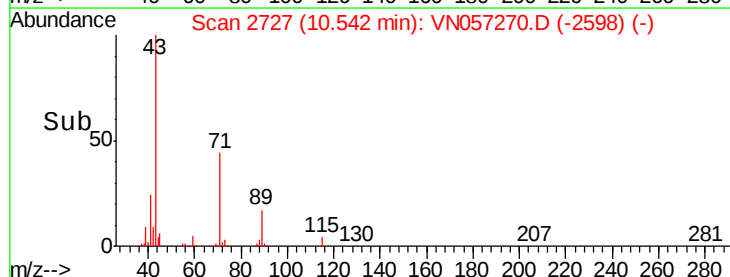
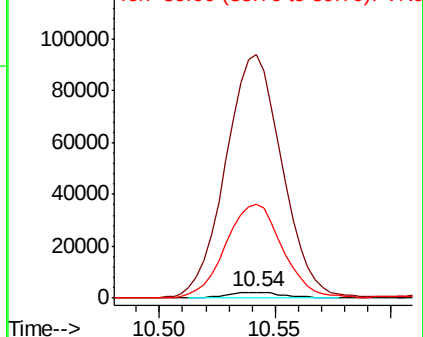
69 100

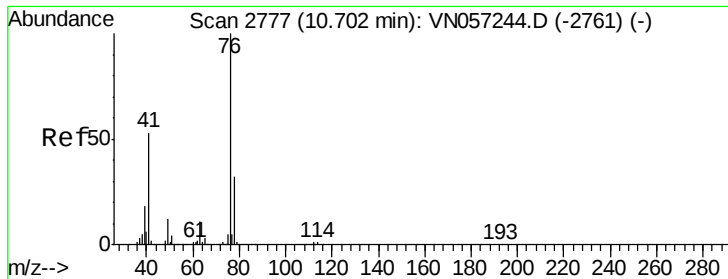
41 4092.4 47.6 71.4#

39 1589.8 23.4 35.0#



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





#57

1,3-Dichloropropane

Concen: 0.710 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

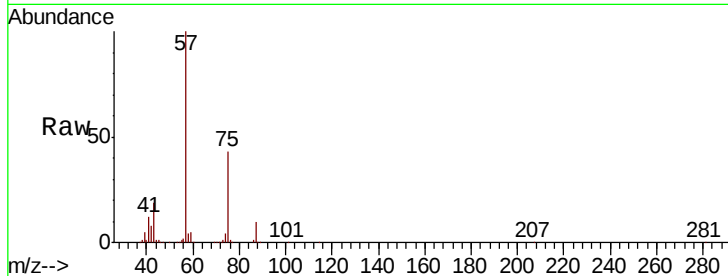
R1-R2-C3-(4.3)

Tgt Ion: 76 Resp: 15204

Ion Ratio Lower Upper

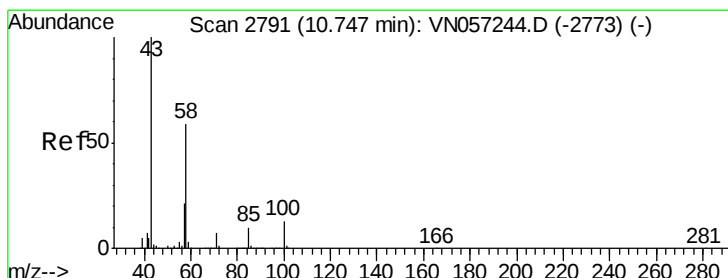
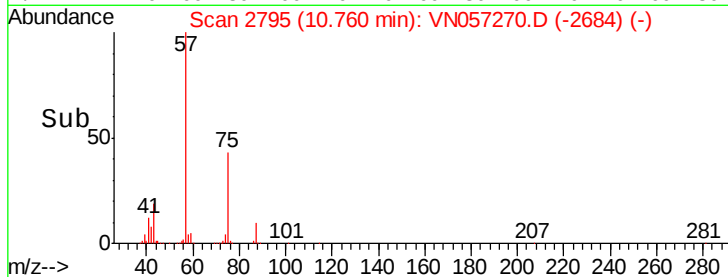
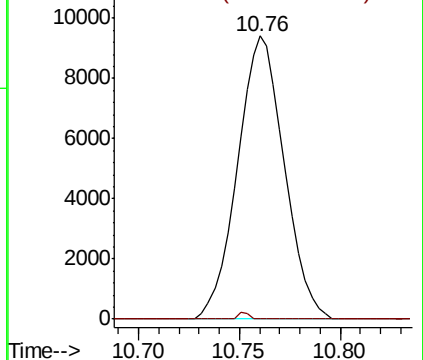
76 100

78 0.5 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 21.367 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057270.D

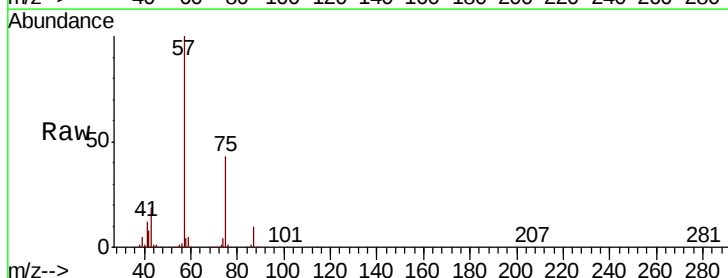
Acq: 14 Aug 2019 1:05

Tgt Ion: 43 Resp: 207445

Ion Ratio Lower Upper

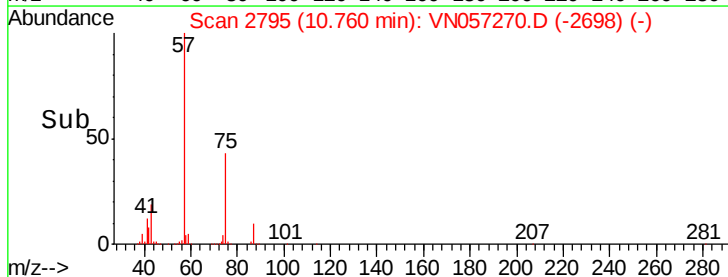
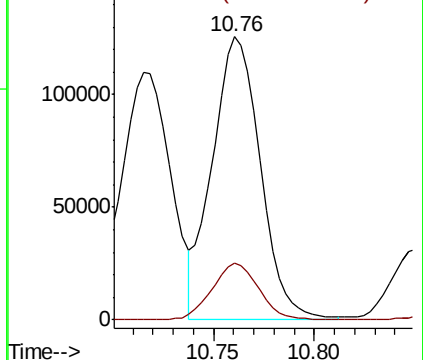
43 100

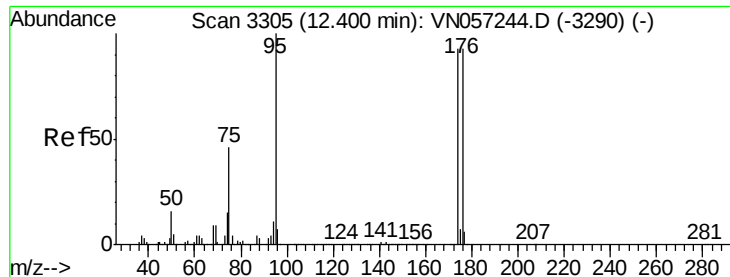
58 19.6 29.1 87.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.507 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(4.3)

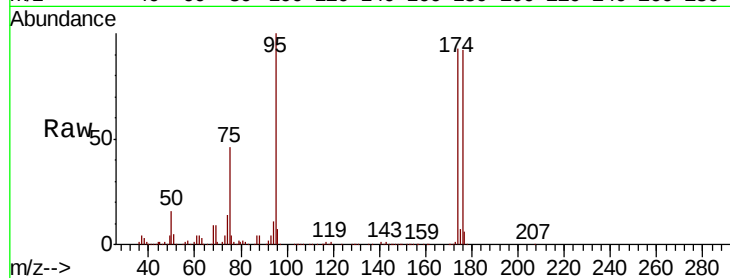
Tgt Ion: 95 Resp: 619268

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.6

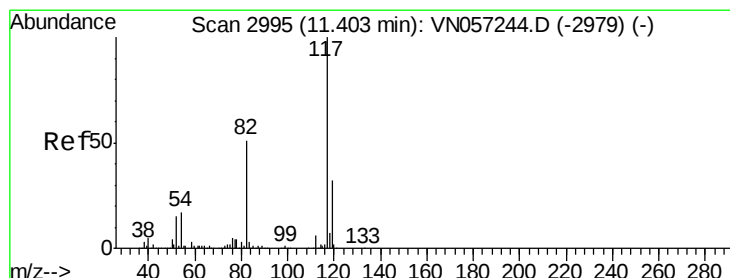
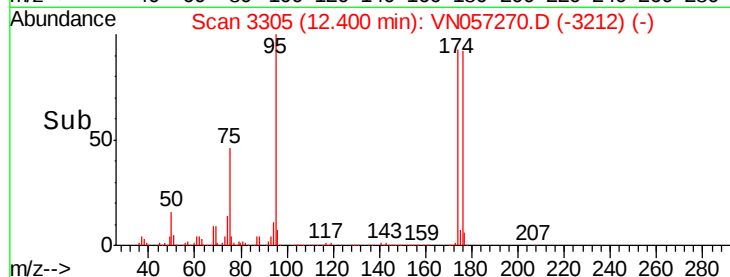
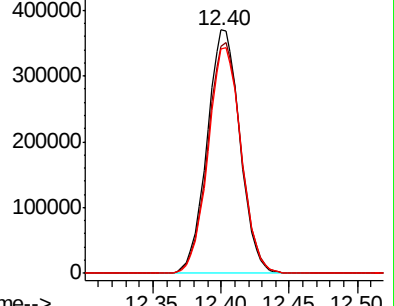
176 93.2 0.0 185.8



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: VN057270.D

Acq: 14 Aug 2019 1:05

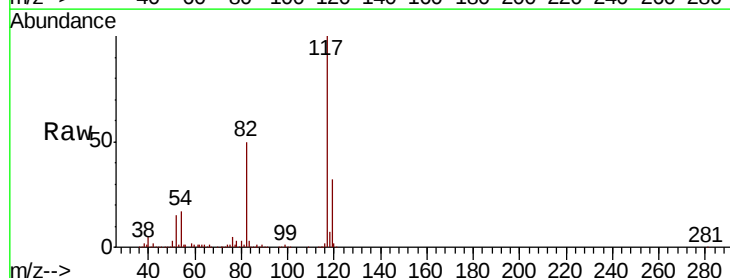
Tgt Ion: 117 Resp: 1683973

Ion Ratio Lower Upper

117 100

82 49.5 40.9 61.3

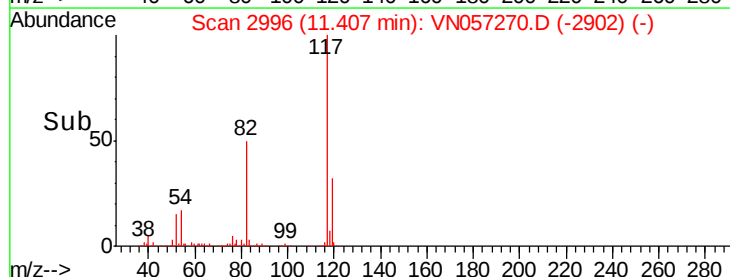
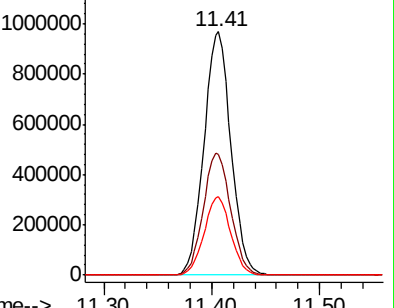
119 32.1 25.4 38.2

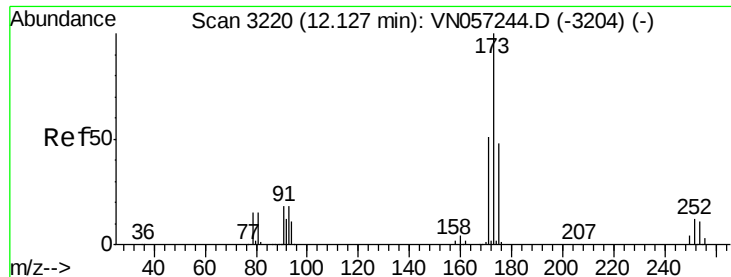


Abundance Ion 116.90 (116.60 to 117.60): VN057244.D (-2979) (-)

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

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

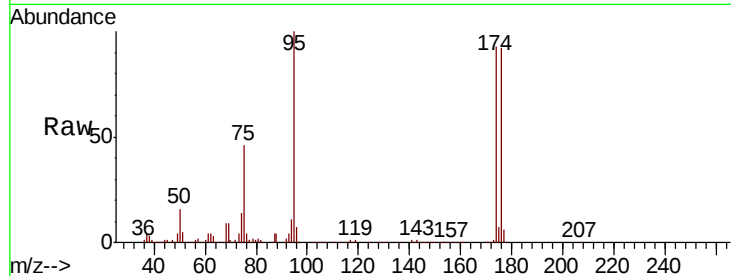




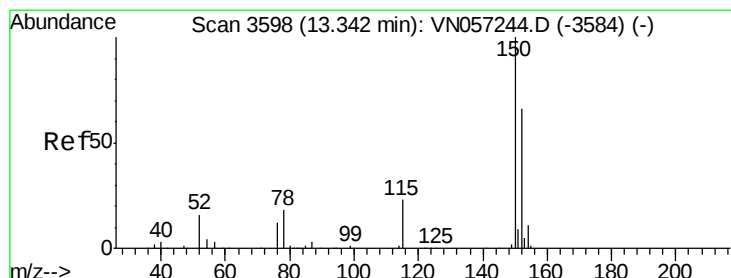
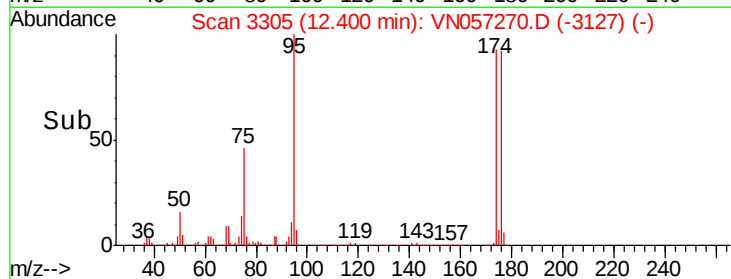
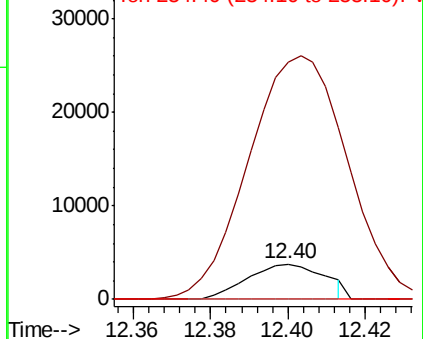
#71
 Bromoform
 Concen: 0.509 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.27 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

Tgt Ion:173 Resp: 5194
 Ion Ratio Lower Upper
 173 100
 175 759.5 24.4 73.2#
 254 0.0 0.2 0.2#

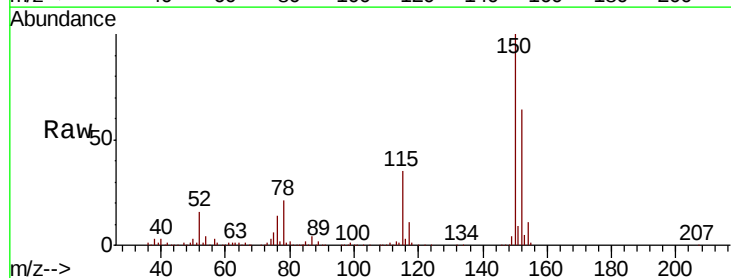


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

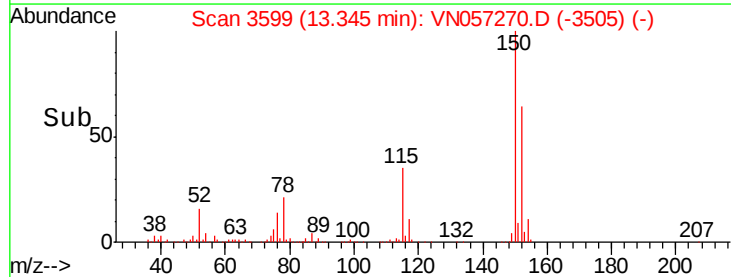
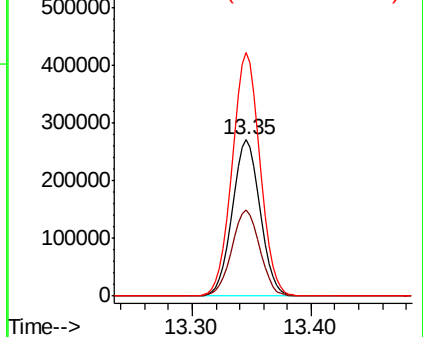


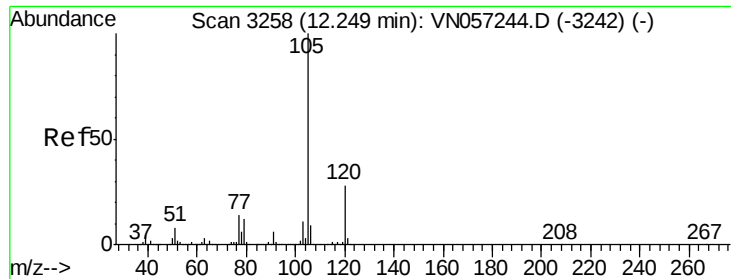
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

Tgt Ion:152 Resp: 440405
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.6 82.8
 150 155.6 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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

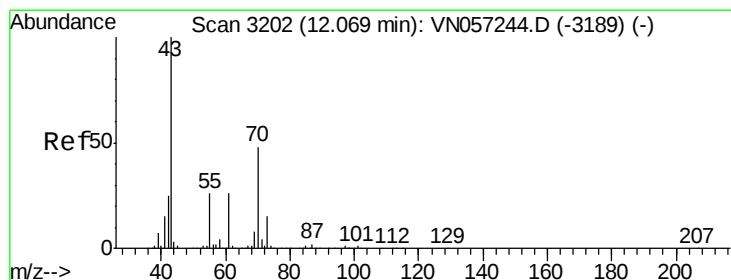
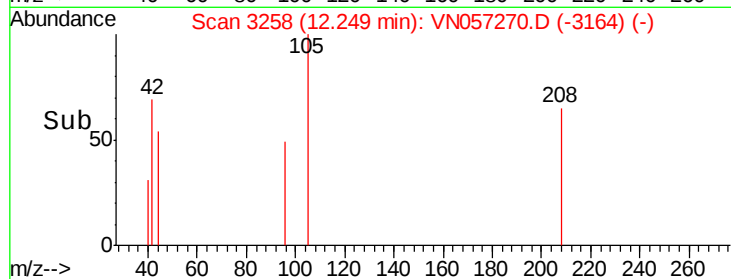
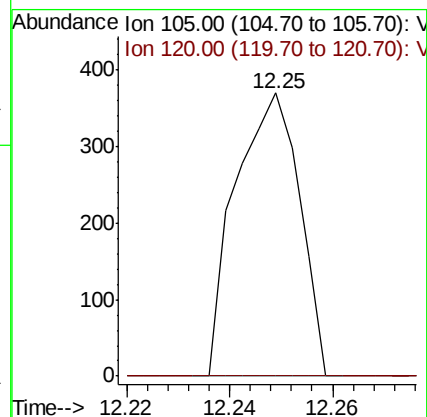
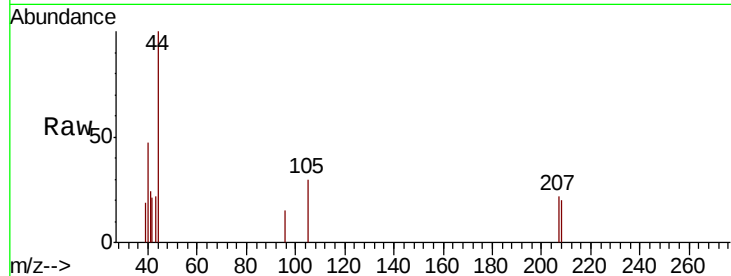
R1-R2-C3-(4.3)

Tgt Ion: 105 Resp: 317

Ion Ratio Lower Upper

105 100

120 0.0 13.8 41.3#



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Tgt Ion: 43 Resp: 7262

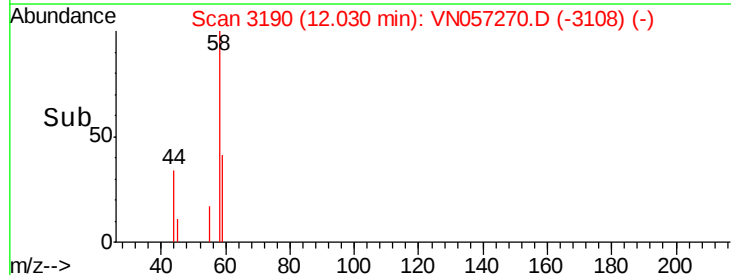
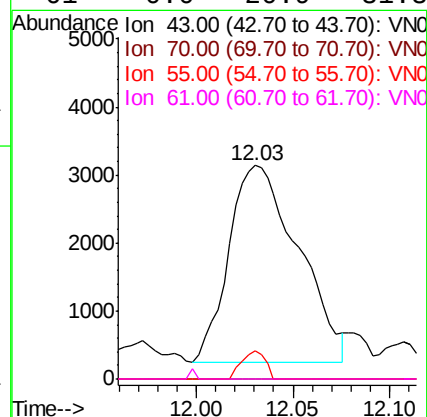
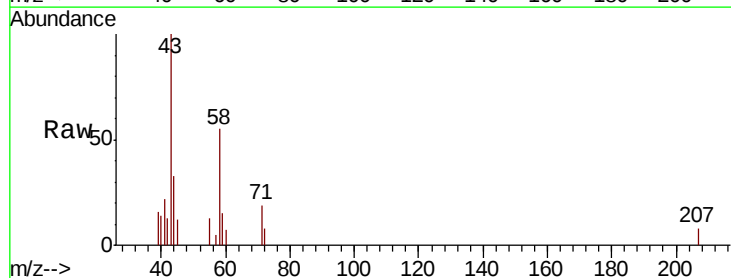
Ion Ratio Lower Upper

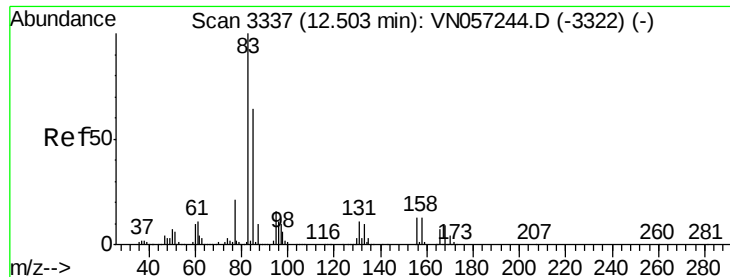
43 100

70 0.0 37.4 56.2#

55 4.7 21.0 31.4#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3309

Delta R.T. -0.09 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(4.3)

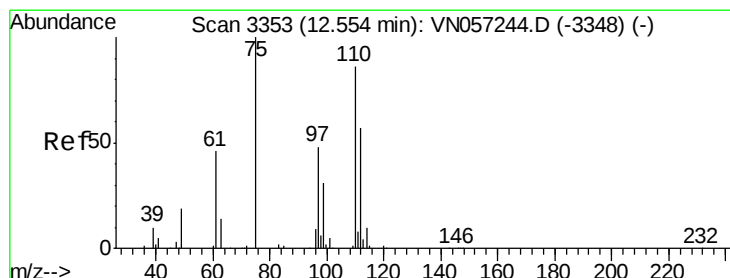
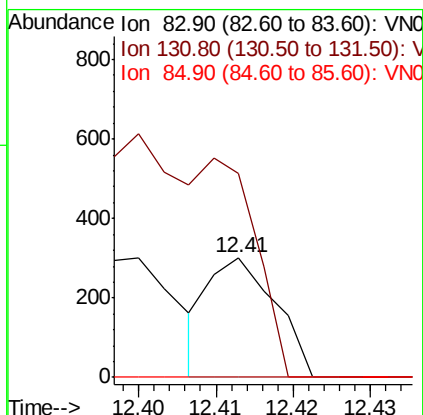
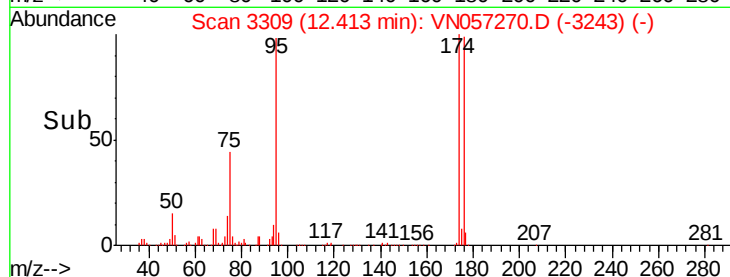
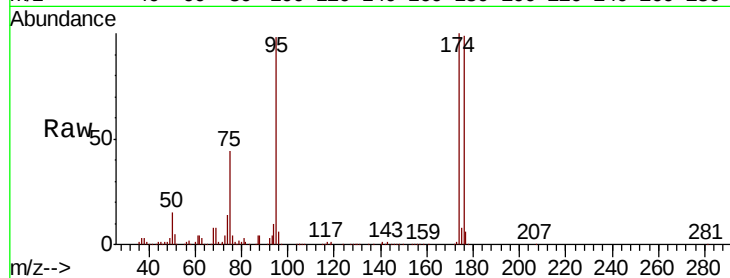
Tgt Ion: 83 Resp: 180

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 36.612 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057270.D

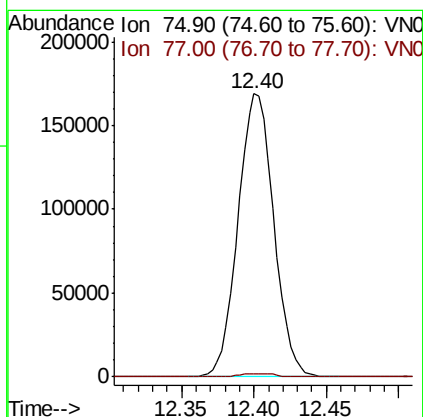
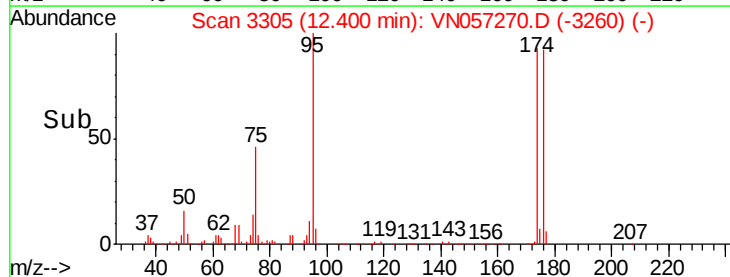
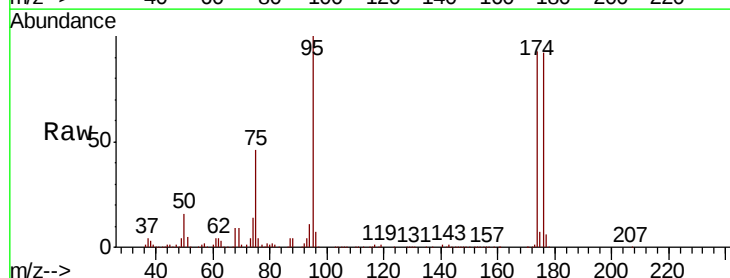
Acq: 14 Aug 2019 1:05

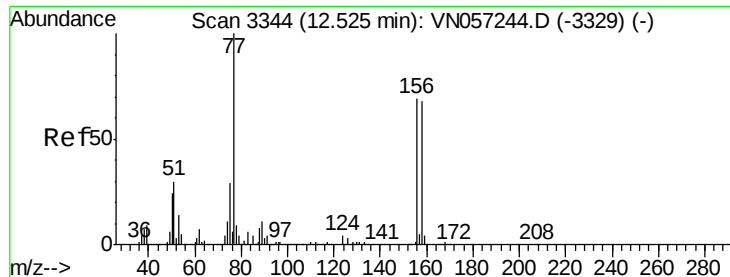
Tgt Ion: 75 Resp: 289488

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.12 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(4.3)

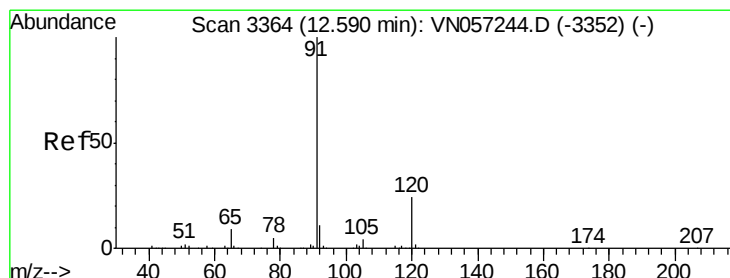
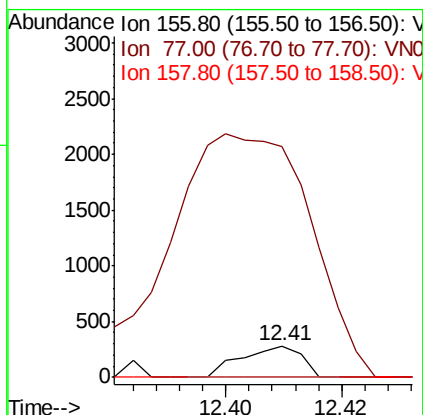
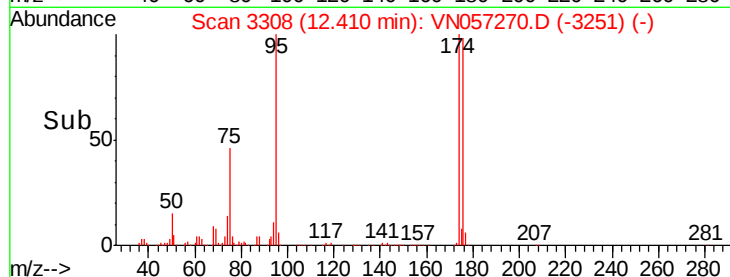
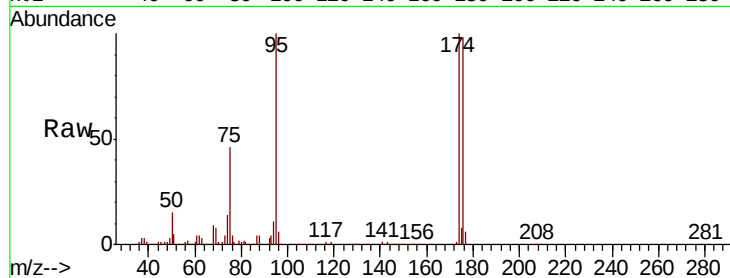
Tgt Ion: 156 Resp: 206

Ion Ratio Lower Upper

156 100

77 1831.1 88.0 264.1#

158 0.0 49.4 148.0#



#78

n-propylbenzene

Concen: Below Cal

RT: 12.58 min Scan# 3362

Delta R.T. -0.01 min

Lab File: VN057270.D

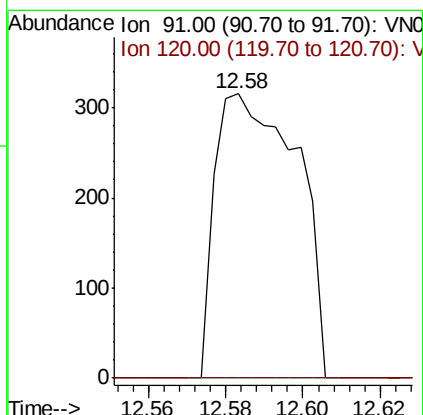
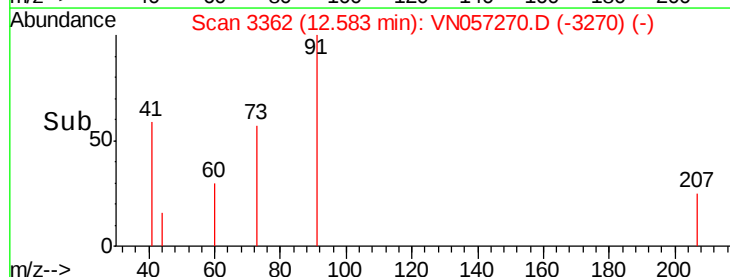
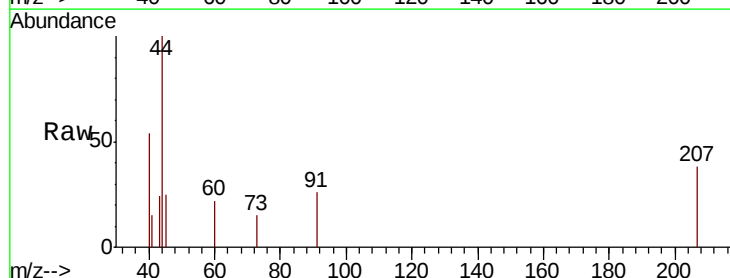
Acq: 14 Aug 2019 1:05

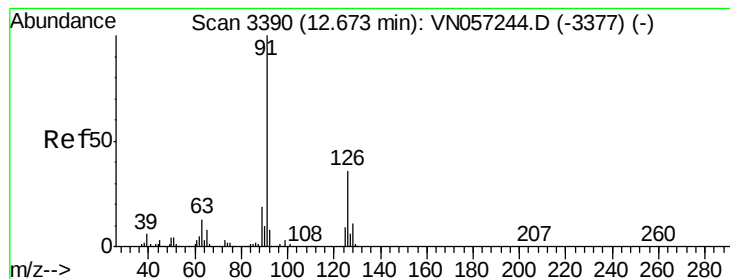
Tgt Ion: 91 Resp: 465

Ion Ratio Lower Upper

91 100

120 0.0 12.1 36.3#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

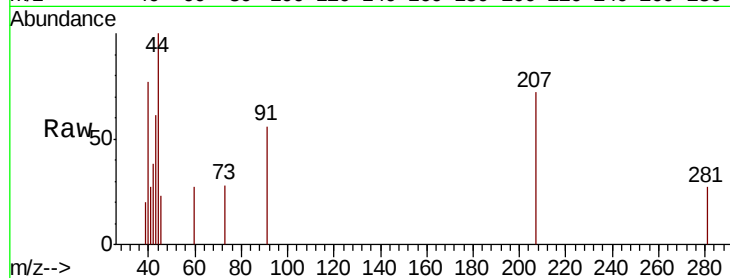
R1-R2-C3-(4.3)

Tgt Ion: 91 Resp: 449

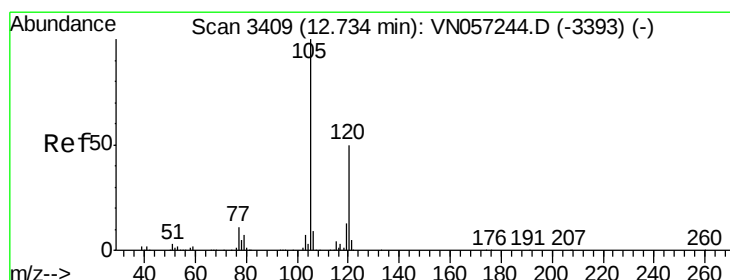
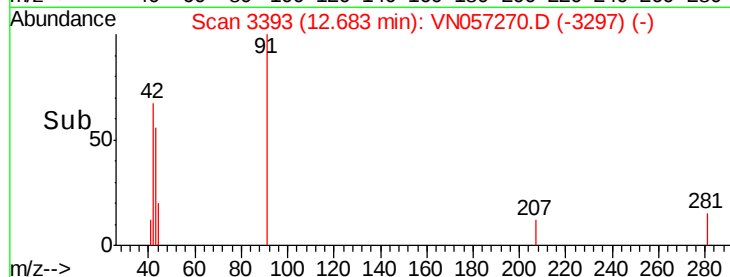
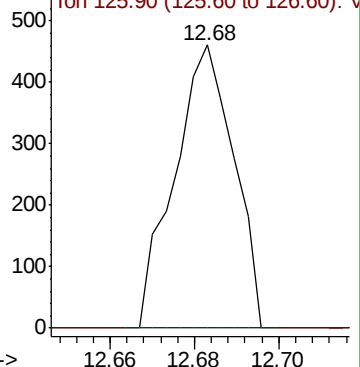
Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057244.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057270.D

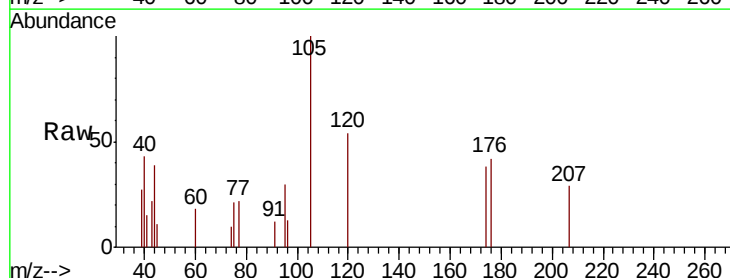
Acq: 14 Aug 2019 1:05

Tgt Ion: 105 Resp: 2816

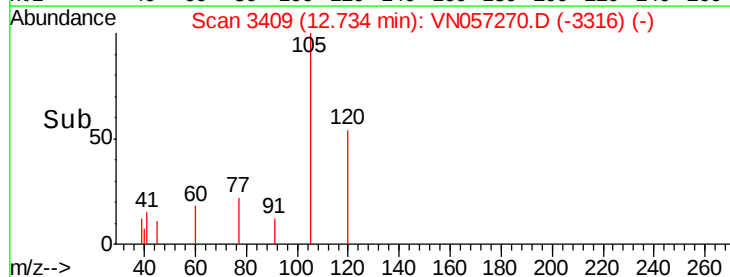
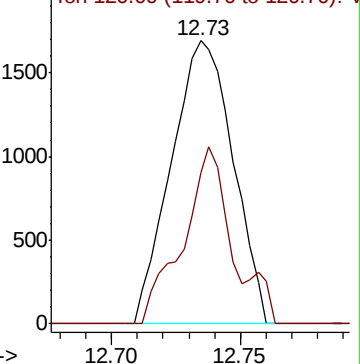
Ion Ratio Lower Upper

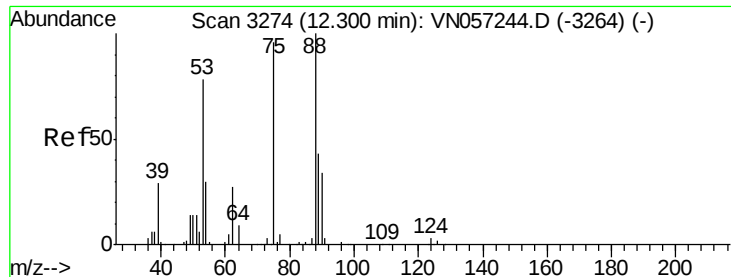
105 100

120 50.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VN057244.D (-3393) (-)

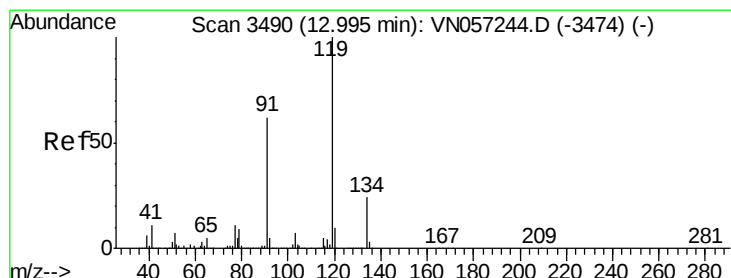
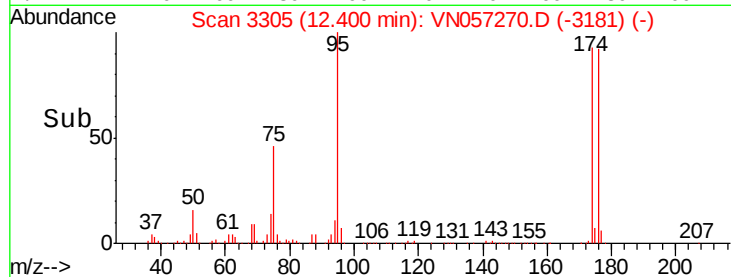
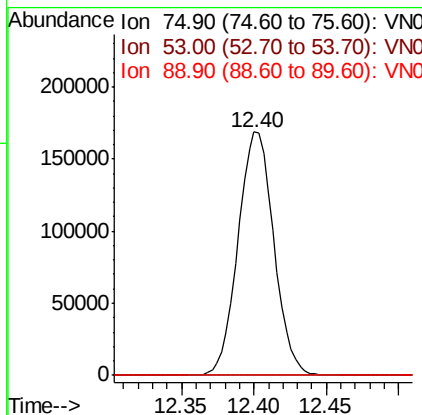
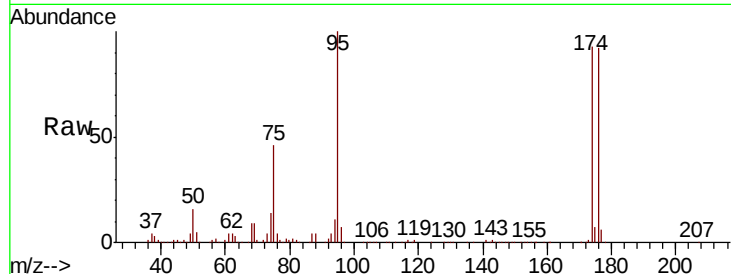




#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.290 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

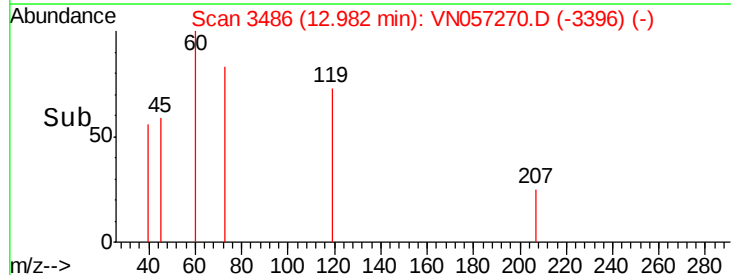
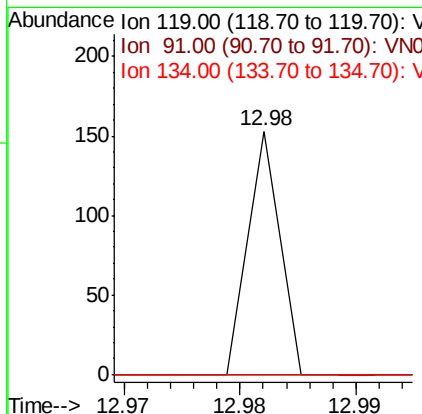
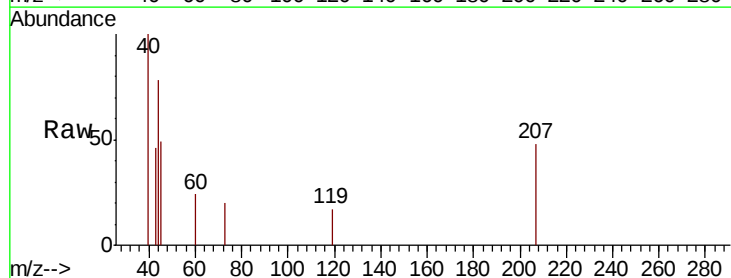
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

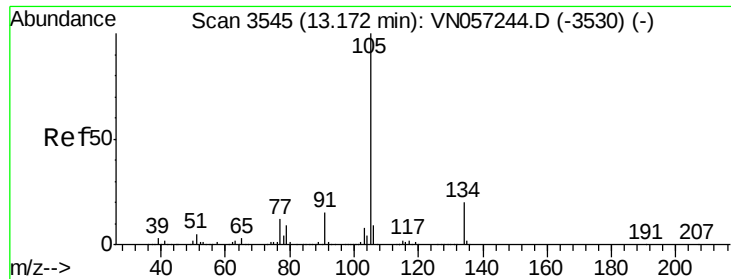
Tgt Ion: 75 Resp: 289488
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.6#
 89 0.0 36.7 55.1#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.98 min Scan# 3486
 Delta R.T. -0.01 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

Tgt Ion: 119 Resp: 29
 Ion Ratio Lower Upper
 119 100
 91 0.0 30.8 92.3#
 134 0.0 12.9 38.7#

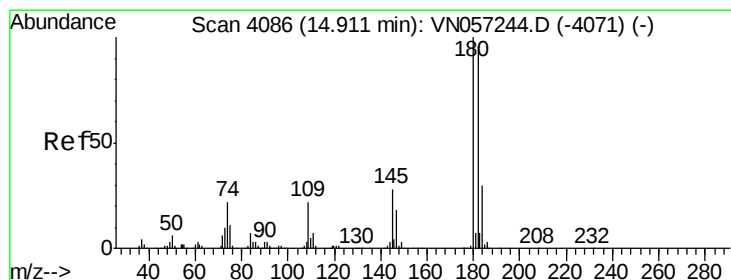
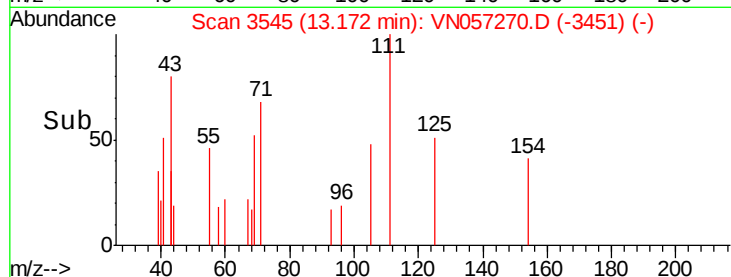
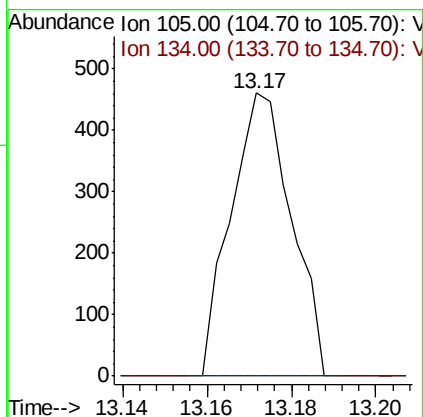
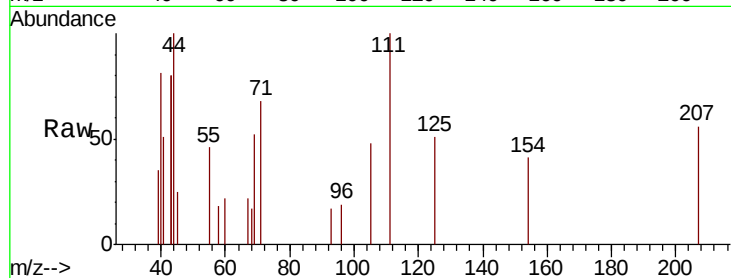




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

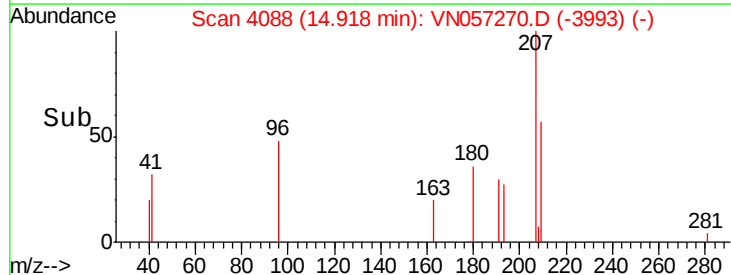
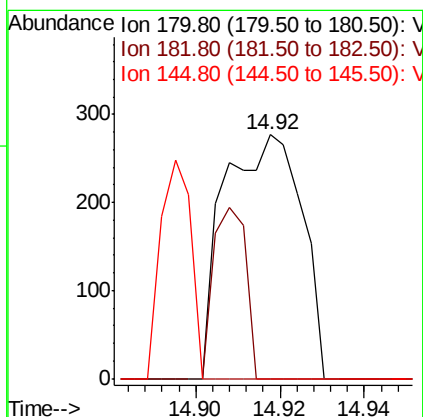
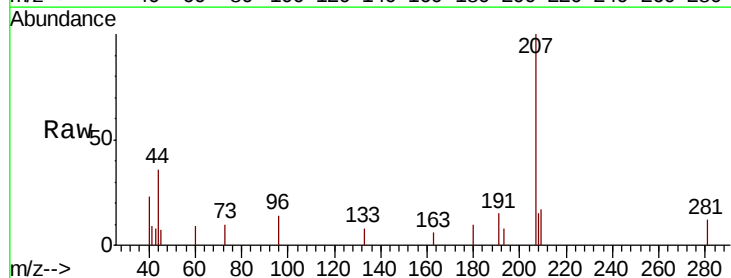
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

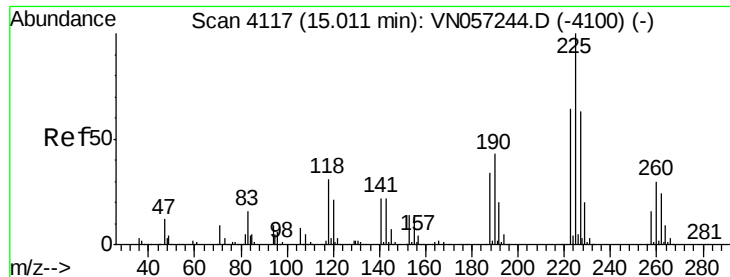
Tgt Ion:105 Resp: 462
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.302 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

Tgt Ion:180 Resp: 352
 Ion Ratio Lower Upper
 180 100
 182 29.3 47.7 143.1#
 145 0.0 14.2 42.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

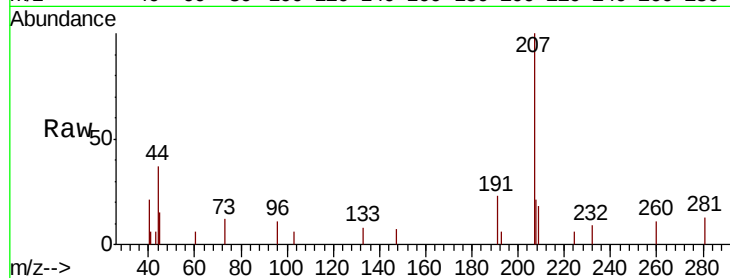
Instrument :

MSVOA_N

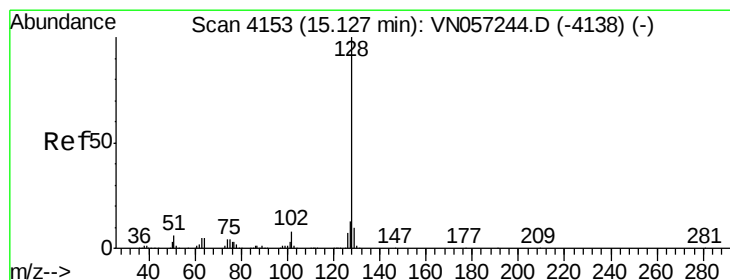
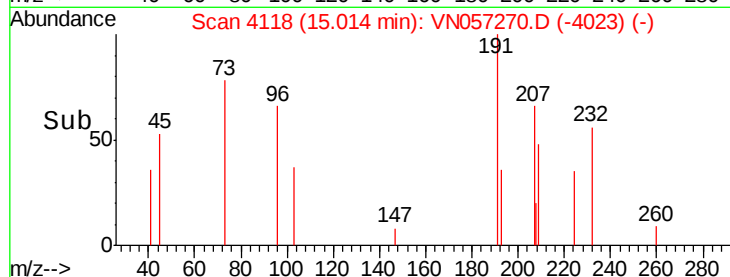
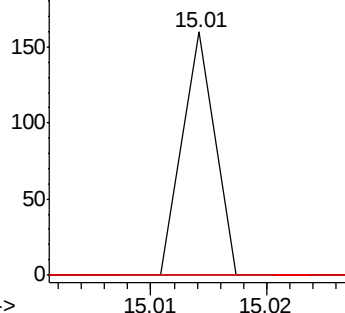
ClientSampleId :

R1-R2-C3-(4.3)

Tgt Ion:	225	Resp:	31
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.4	94.2#
227	0.0	31.4	94.3#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: Below Cal

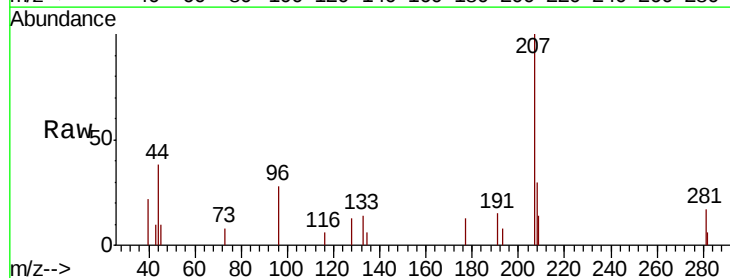
RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

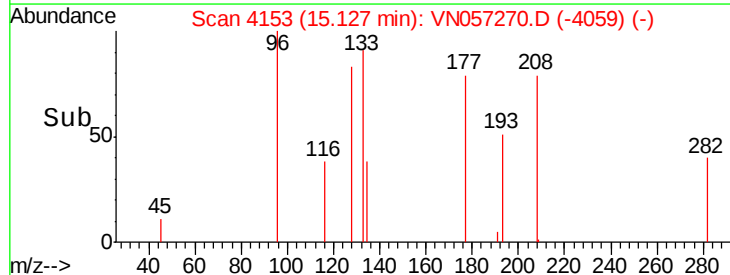
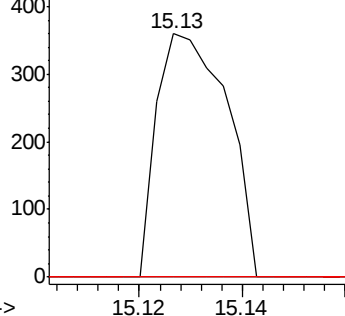
Lab File: VN057270.D

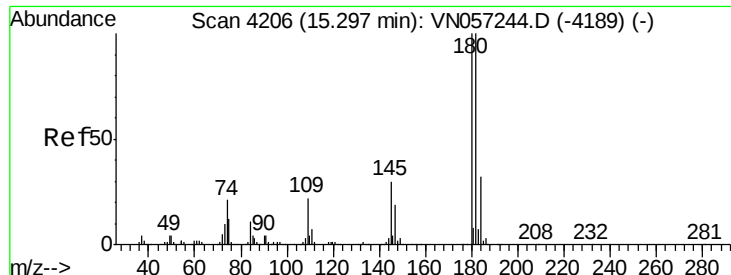
Acq: 14 Aug 2019 1:05

Tgt Ion:	128	Resp:	339
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





#96
 1,2,3-Trichlorobenzene
 Concen: 4.256 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

Tgt Ion:	180	Resp:	112
Ion Ratio	Lower	Upper	
180	100		
182	287.5	48.9	146.7#
145	0.0	15.0	45.1#

