

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057267.D
 Acq On : 13 Aug 2019 23:52
 Operator : JC/SP
 Sample : K4266-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

Quant Time: Aug 14 06:35:32 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	1441024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2008156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1702891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456209	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	666496	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
35) Dibromofluoromethane	7.58	113	603622	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	10.09	98	2324889	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	637187	39.73	ug/l	0.00
Spiked Amount			Recovery	=	79.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	1586	0.208	ug/l	99
11) Tert butyl alcohol	4.73	59	4838	2.471	ug/l #	87
16) Acetone	3.81	43	31152	6.251	ug/l	97
18) Methyl Acetate	4.32	43	42671	2.209	ug/l	100
20) Methylene Chloride	4.55	84	46897	3.221	ug/l	97
25) 2-Butanone	6.85	43	5261	0.742	ug/l #	73
31) Cyclohexane	7.66	56	20533	0.997	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	88983	5.068	ug/l #	48
38) Carbon Tetrachloride	7.66	117	120958	6.486	ug/l #	15
43) Isopropyl Acetate	8.16	43	275619	11.860	ug/l #	80
45) 1,2-Dichloropropane	9.26	63	4306	0.319	ug/l #	43
48) Methyl methacrylate	9.18	41	11451	1.065	ug/l #	10
49) 1,4-Dioxane	9.19	88	134	0.553	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	10788	0.791	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	94131	4.445	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	16327	0.764	ug/l #	42
59) 2-Hexanone	10.76	43	201252	20.785	ug/l #	49
73) Isopropylbenzene	12.26	105	261	Below Cal	#	47
74) N-amyl acetate	12.03	43	9235	Below Cal	#	43
75) 1,1,2,2-Tetrachloroethane	12.39	83	449	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	291038	35.425	ug/l #	100
77) Bromobenzene	12.54	156	93	Below Cal	#	1
78) n-propylbenzene	12.59	91	811	Below Cal	#	51
79) 2-Chlorotoluene	12.67	91	273	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2429	Below Cal		95
81) trans-1,4-Dichloro-2-buten	12.40	75	291038	85.688	ug/l #	16
83) tert-Butylbenzene	12.99	119	204	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	726	Below Cal		94
90) Hexachloroethane	13.87	117	74	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	145	3.268	ug/l #	59
95) Naphthalene	15.13	128	536	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	344	4.295	ug/l #	69

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Response via : Initial Calibration

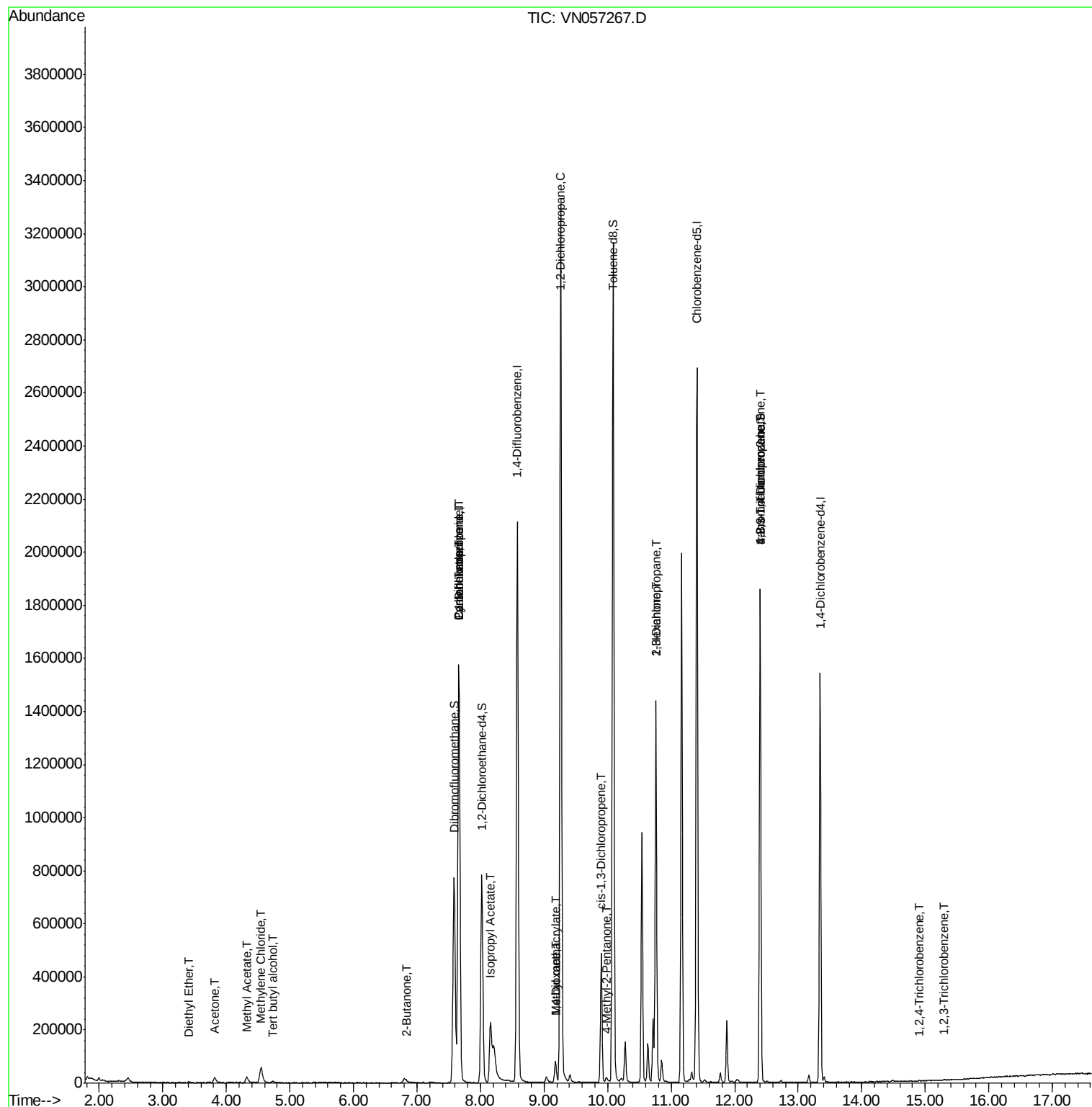
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

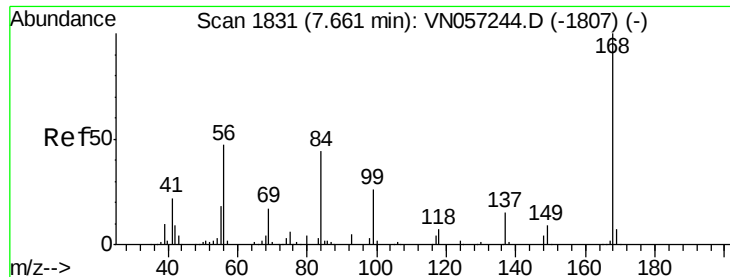
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057267.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

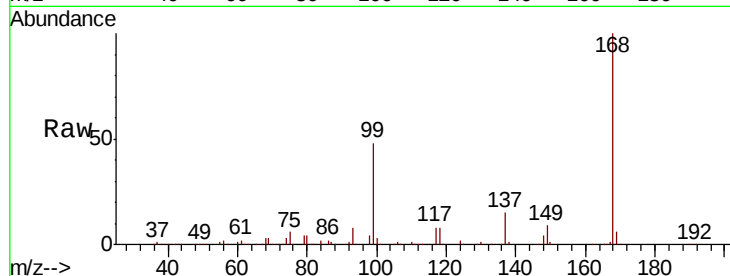
R1-R2-C4-(0)

Tgt Ion:168 Resp: 1441024

Ion Ratio Lower Upper

168 100

99 47.8 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

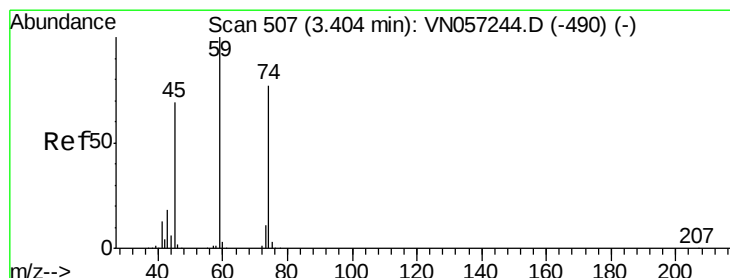
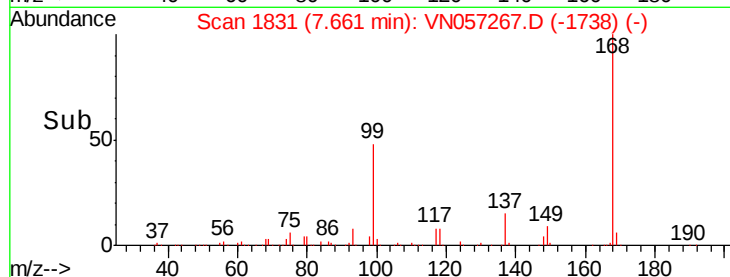
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.208 ug/l

RT: 3.41 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN057267.D

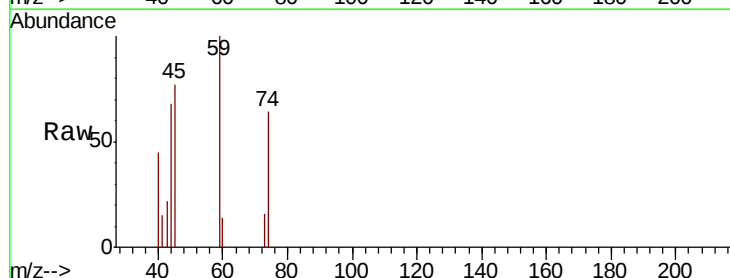
Acq: 13 Aug 2019 23:52

Tgt Ion: 74 Resp: 1586

Ion Ratio Lower Upper

74 100

45 91.0 45.1 135.2



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

1200

1000

800

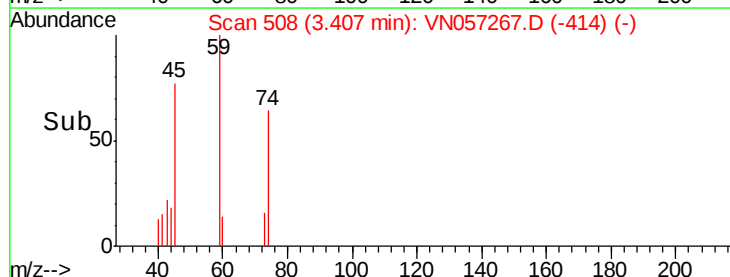
600

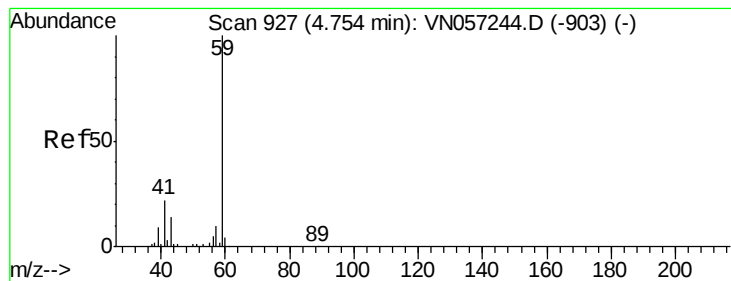
400

200

0

Time-->





#11

Tert butyl alcohol

Concen: 2.471 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.02 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampled :

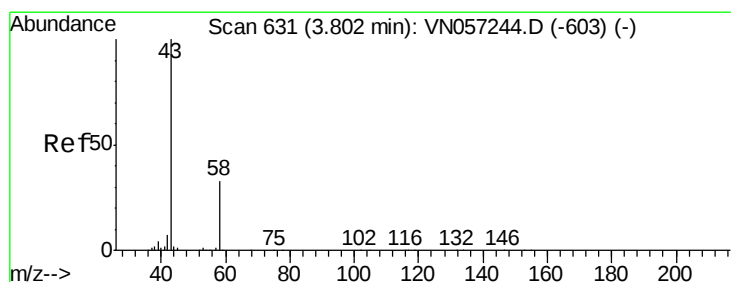
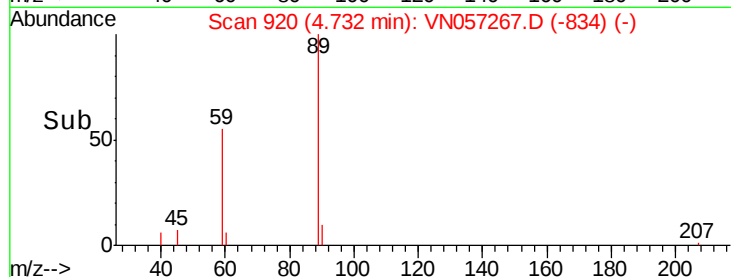
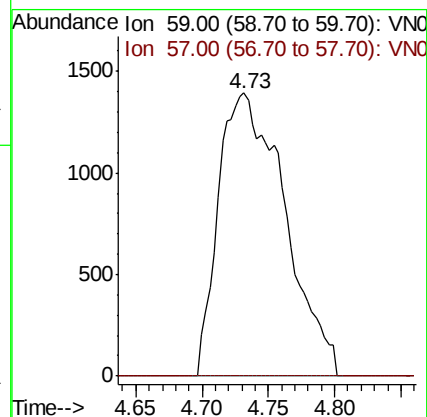
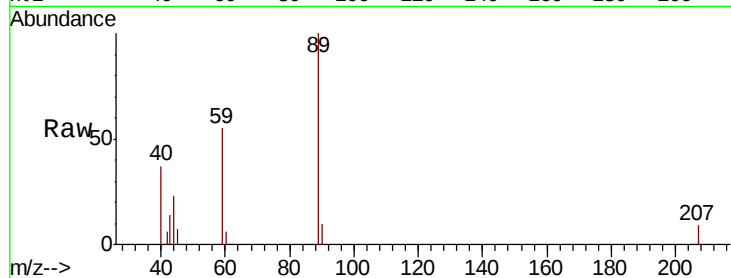
R1-R2-C4-(0)

Tgt Ion: 59 Resp: 4838

Ion Ratio Lower Upper

59 100

57 0.0 3.4 5.2#



#16

Acetone

Concen: 6.251 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057267.D

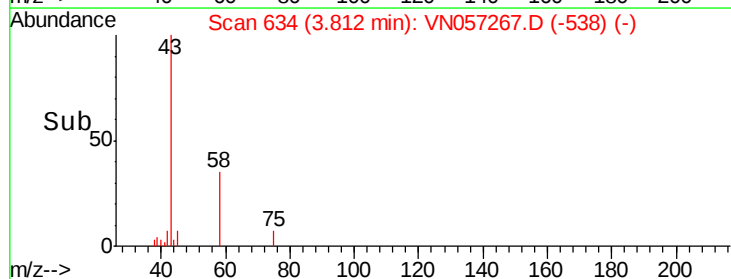
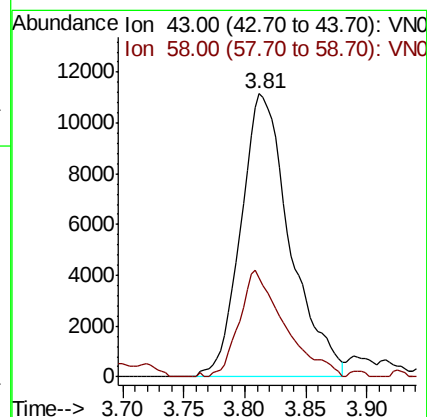
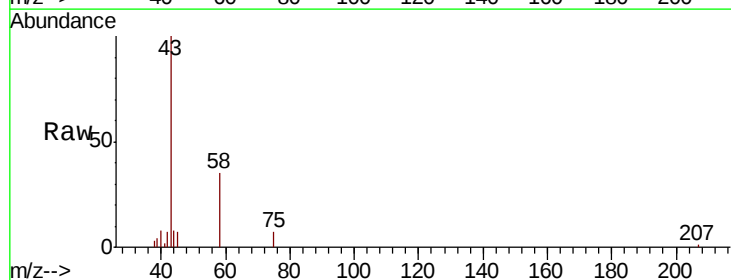
Acq: 13 Aug 2019 23:52

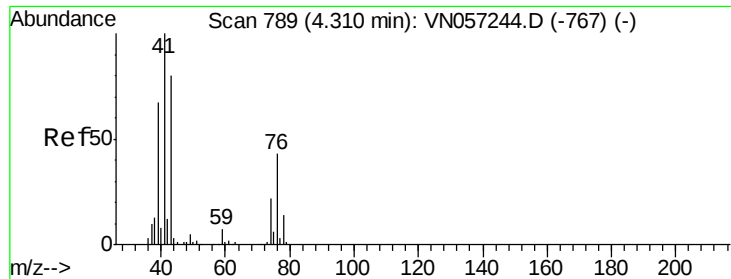
Tgt Ion: 43 Resp: 31152

Ion Ratio Lower Upper

43 100

58 35.1 26.7 40.1

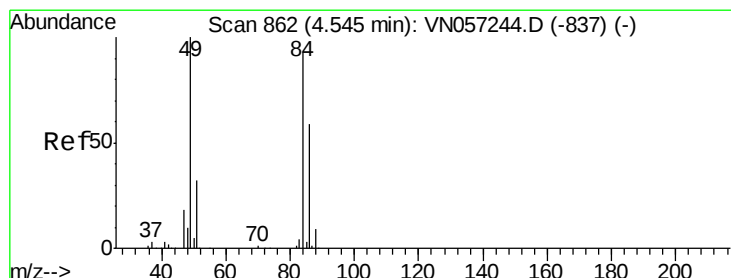
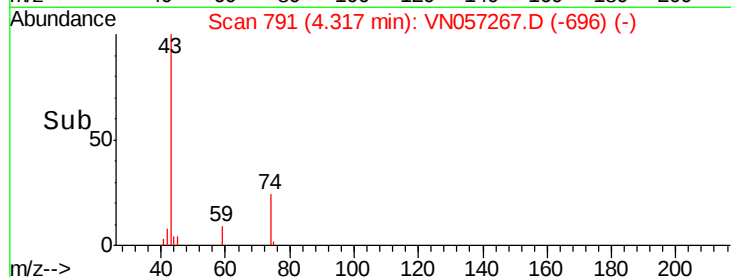
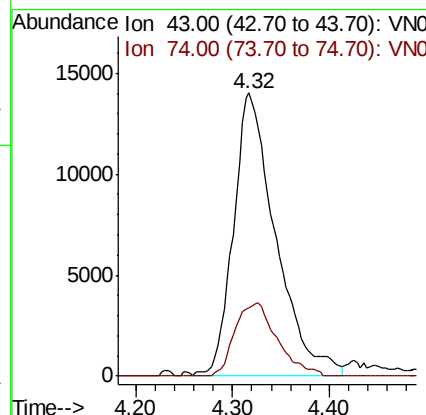
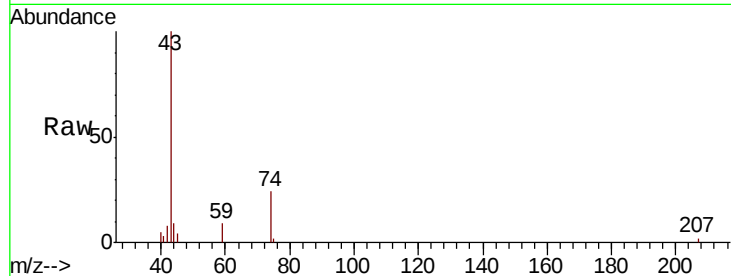




#18
Methyl Acetate
Concen: 2.209 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

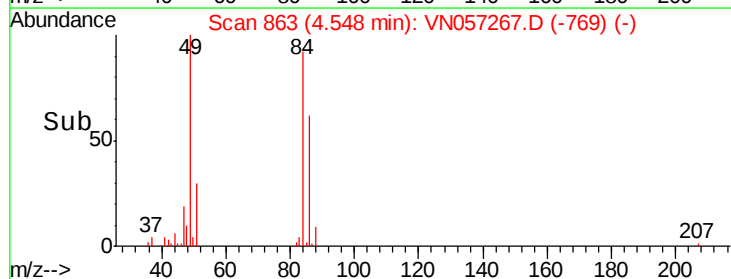
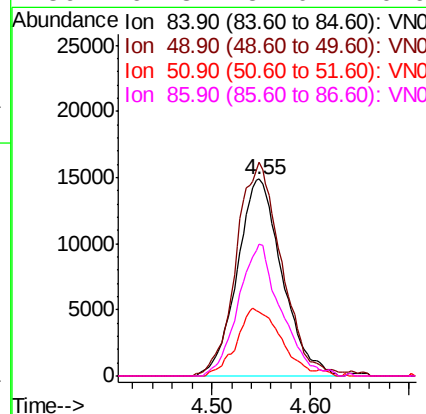
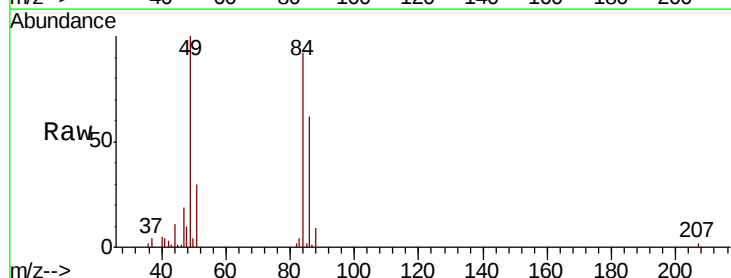
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(0)

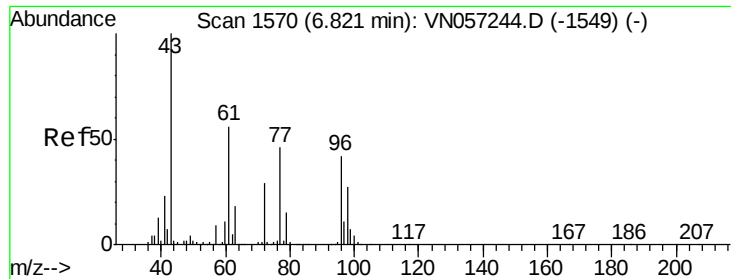
Tgt Ion: 43 Resp: 42671
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0



#20
Methylene Chloride
Concen: 3.221 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

Tgt Ion: 84 Resp: 46897
Ion Ratio Lower Upper
84 100
49 108.6 85.9 128.9
51 32.3 27.1 40.7
86 67.3 51.0 76.6

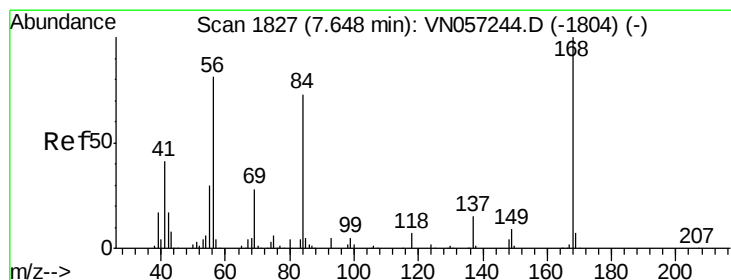
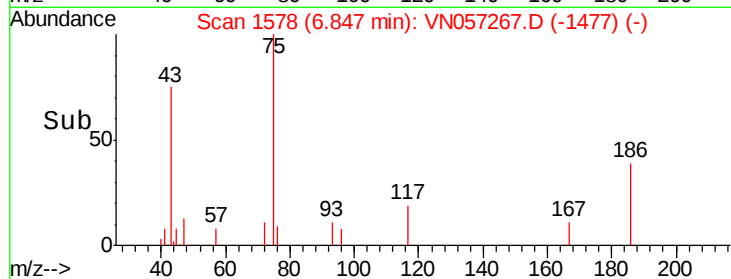
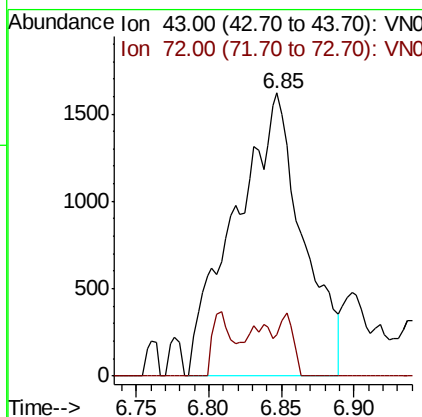
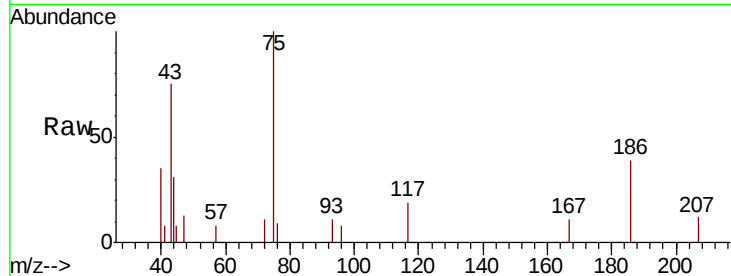




#25
2-Butanone
Concen: 0.742 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.03 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

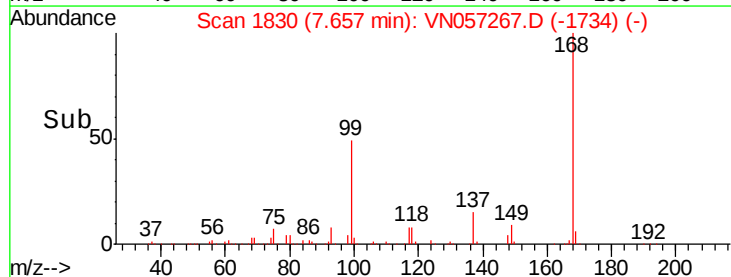
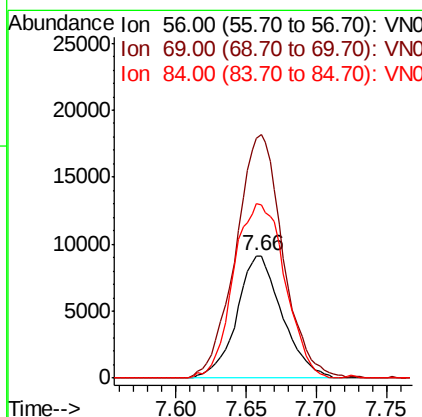
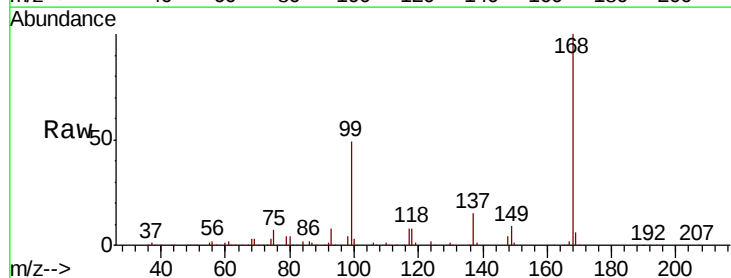
Instrument :
MSVOA_N
ClientSampled :
R1-R2-C4-(0)

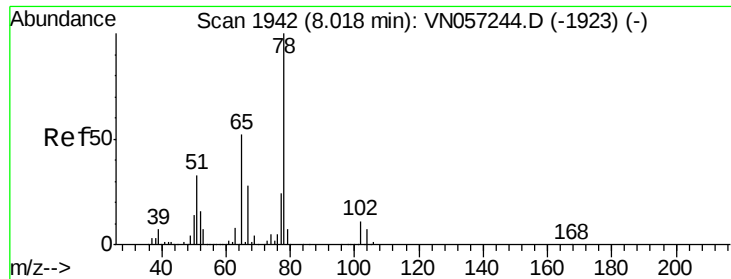
Tgt Ion: 43 Resp: 5261
Ion Ratio Lower Upper
43 100
72 14.5 23.1 34.7#



#31
Cyclohexane
Concen: 0.997 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

Tgt Ion: 56 Resp: 20533
Ion Ratio Lower Upper
56 100
69 195.8 27.8 41.8#
84 142.3 72.0 108.0#

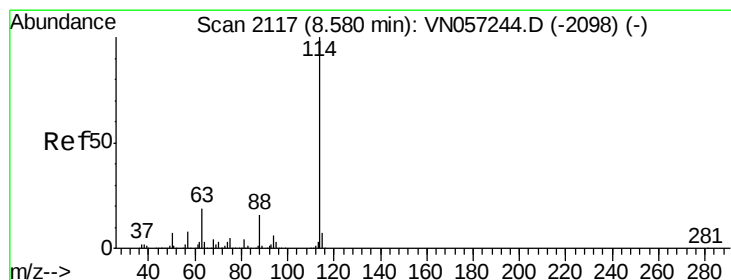
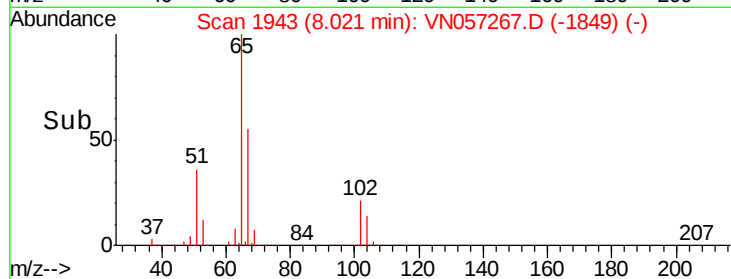
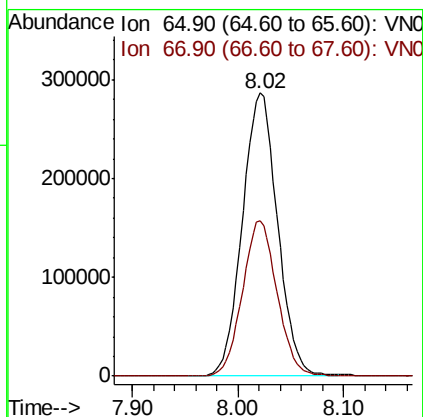
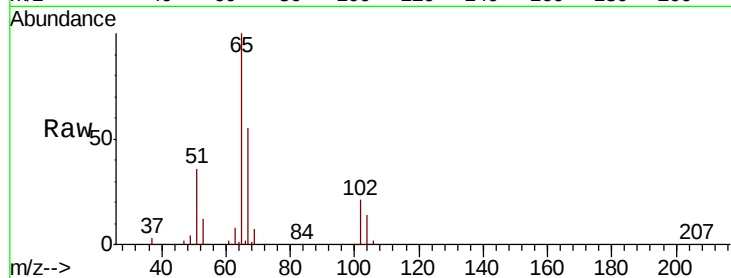




#33
 1,2-Dichloroethane-d4
 Concen: 45.849 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

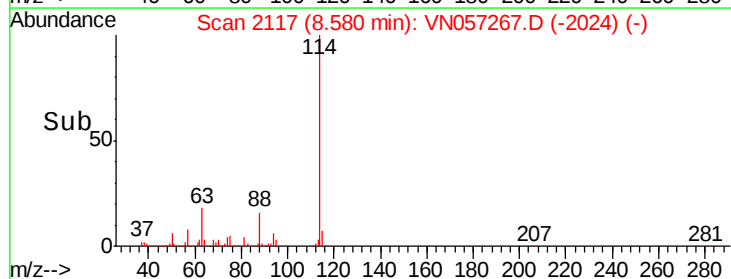
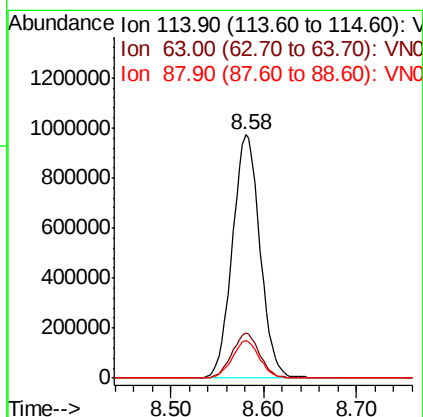
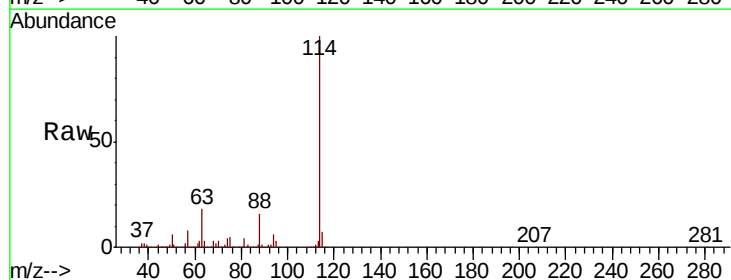
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

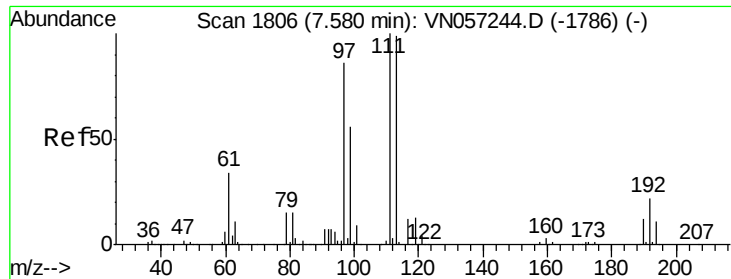
Tgt Ion: 65 Resp: 666496
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

Tgt Ion: 114 Resp: 2008156
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.0
 88 15.5 0.0 31.0

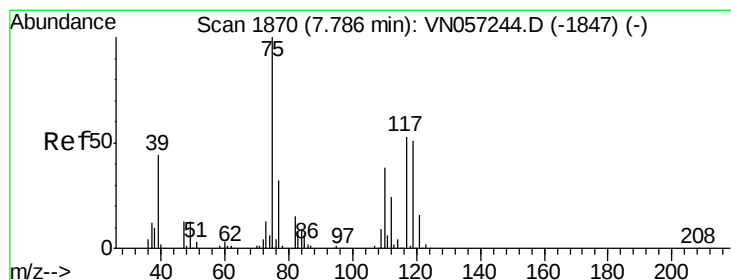
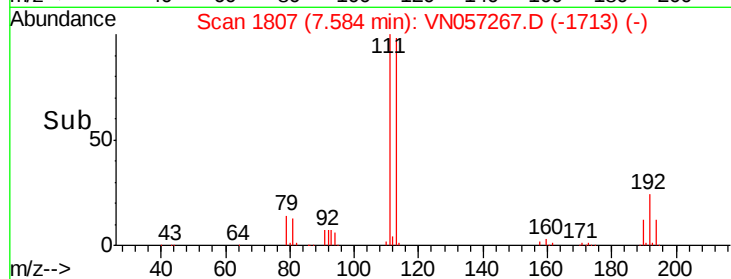
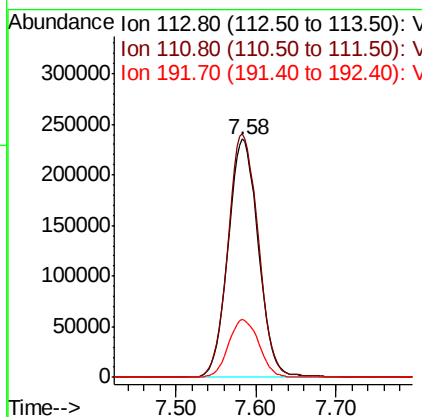
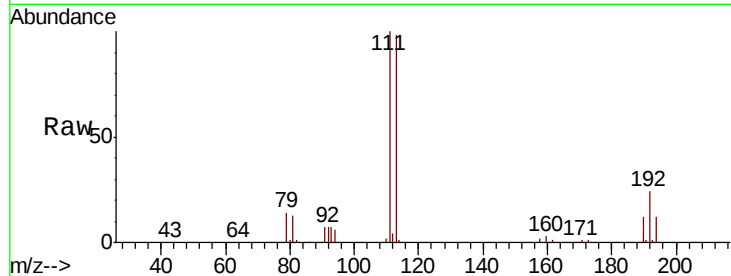




#35
 Dibromofluoromethane
 Concen: 47.075 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

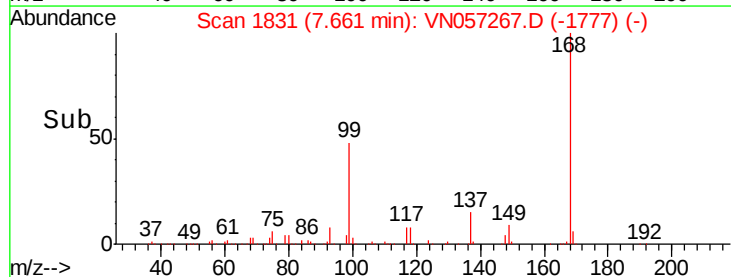
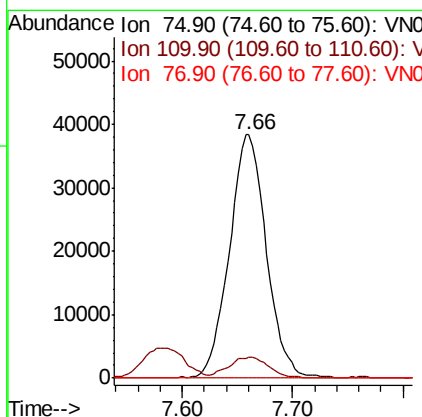
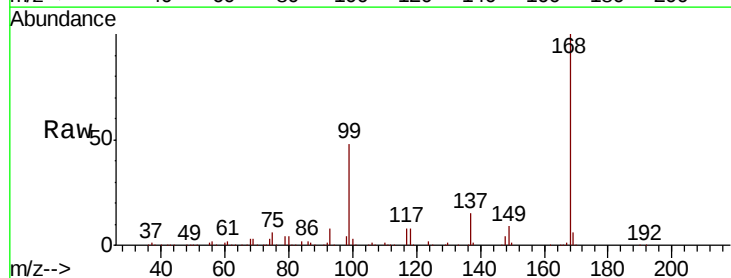
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

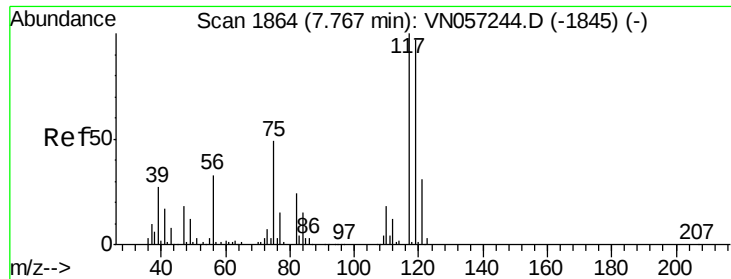
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	24.4	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.068 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.1	57.1#
77	0.0	25.2	37.8#

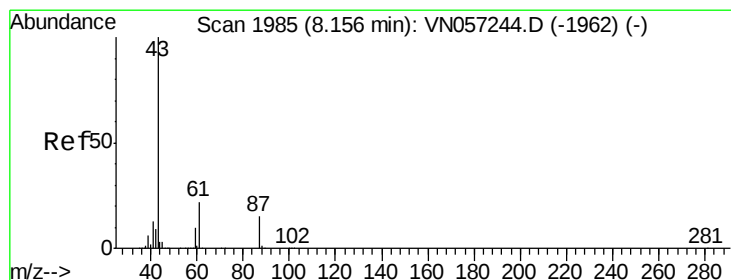
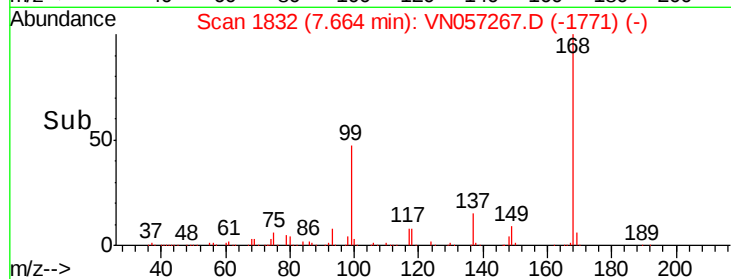
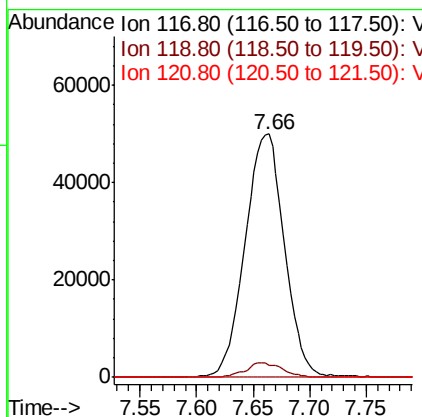
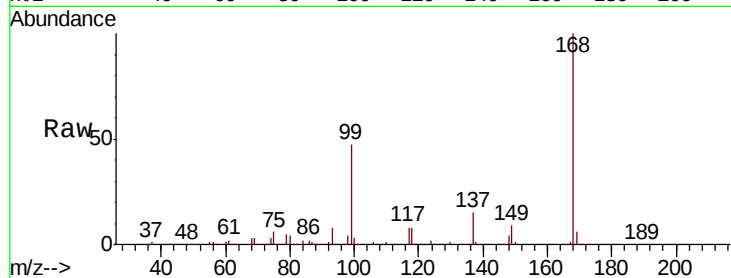




#38
Carbon Tetrachloride
Concen: 6.486 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

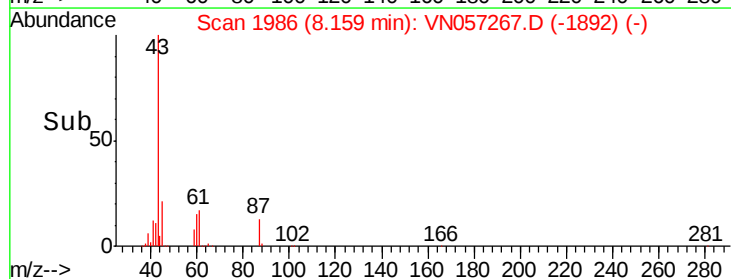
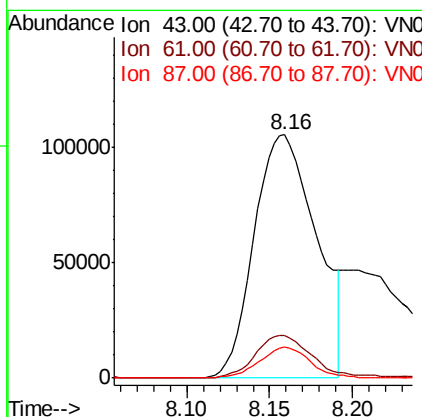
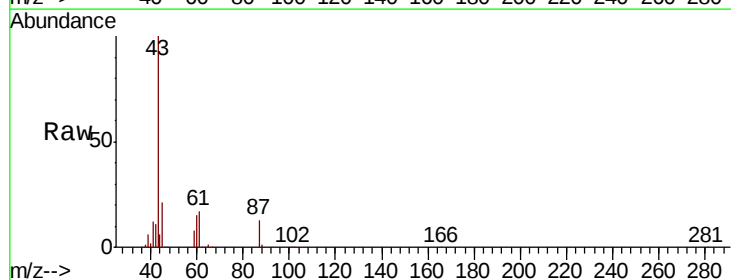
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(0)

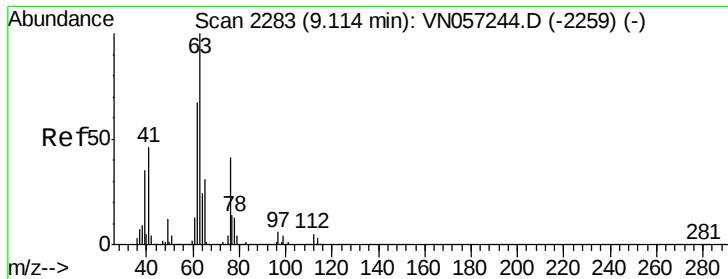
Tgt Ion: 117 Resp: 120958
Ion Ratio Lower Upper
117 100
119 5.0 77.8 116.6#
121 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 11.860 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

Tgt Ion: 43 Resp: 275619
Ion Ratio Lower Upper
43 100
61 16.4 23.5 35.3#
87 10.4 12.1 18.1#





#45

1,2-Dichloropropane

Concen: 0.319 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampled :

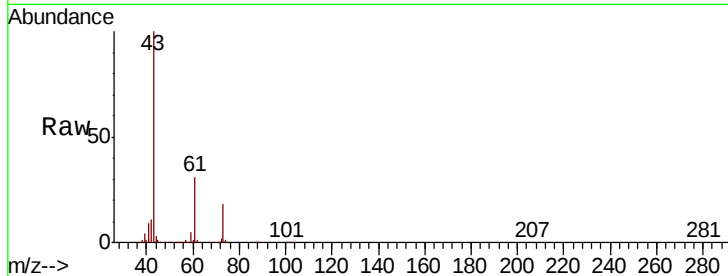
R1-R2-C4-(0)

Tgt Ion: 63 Resp: 4306

Ion Ratio Lower Upper

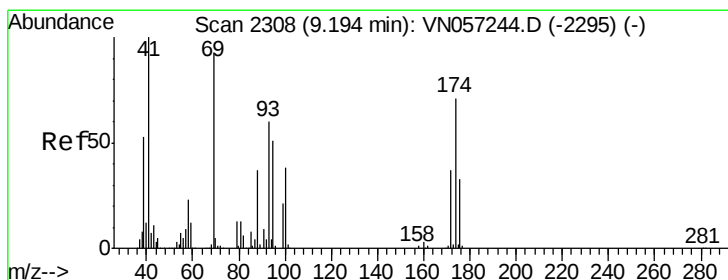
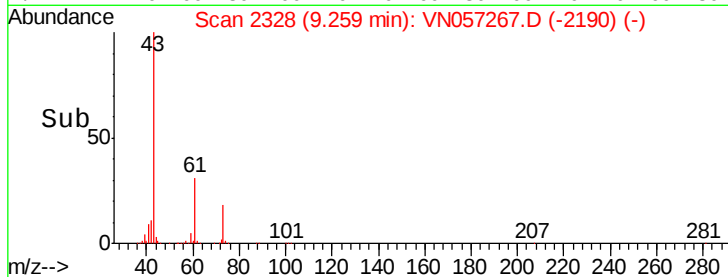
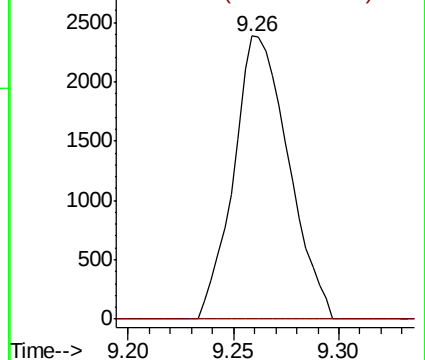
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.065 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

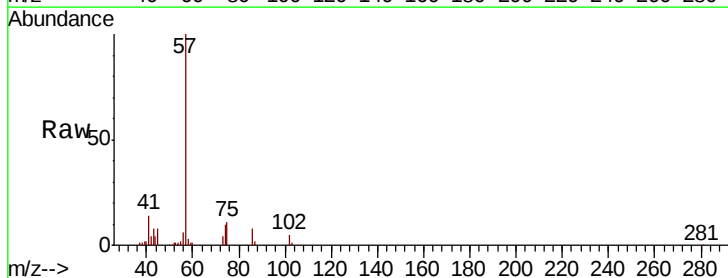
Tgt Ion: 41 Resp: 11451

Ion Ratio Lower Upper

41 100

69 0.0 75.7 113.5#

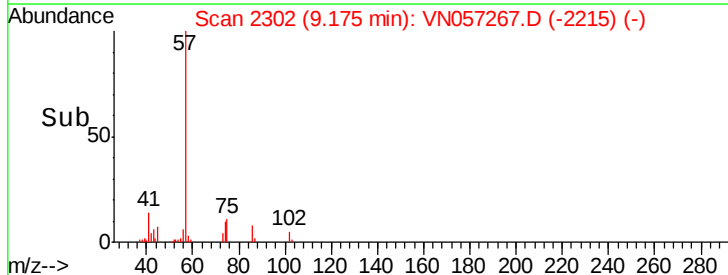
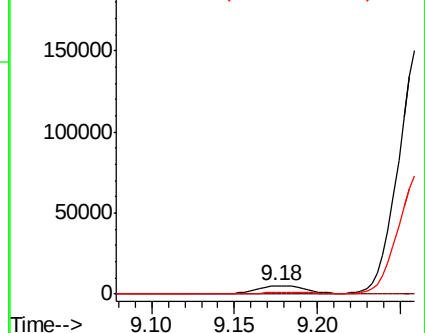
39 0.0 43.3 64.9#

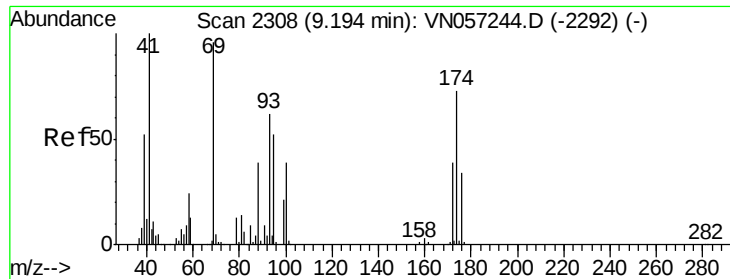


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

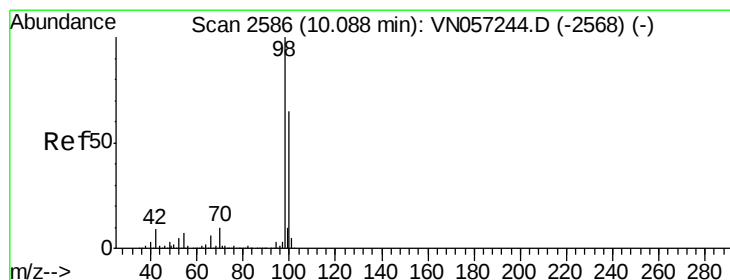
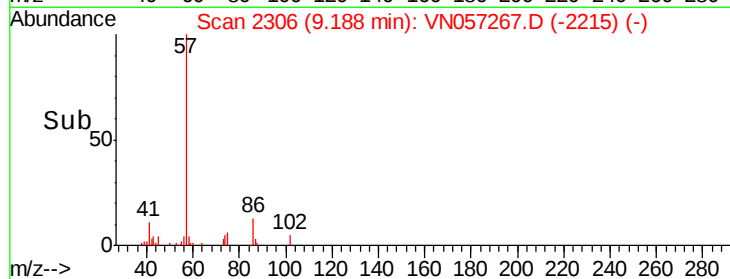
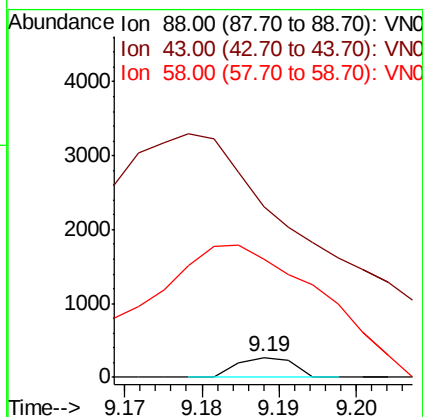
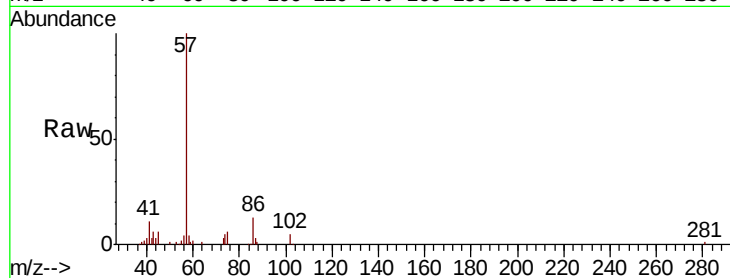




#49
 1,4-Dioxane
 Concen: 0.553 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

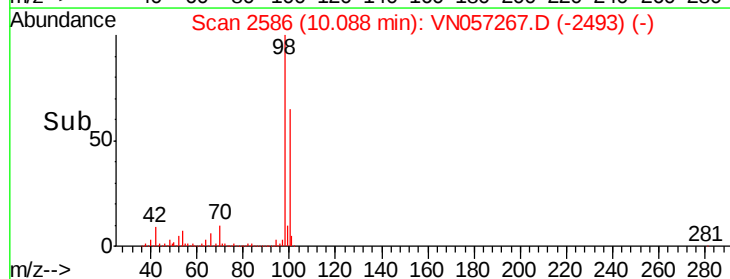
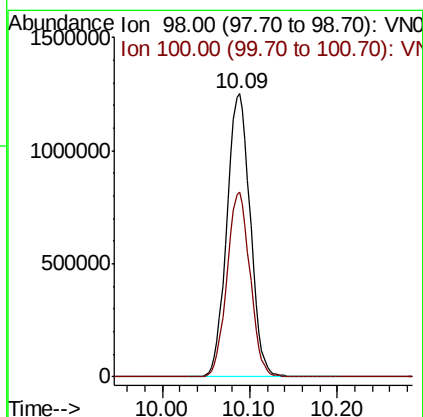
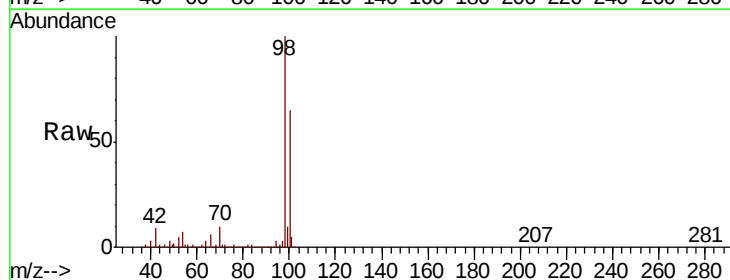
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

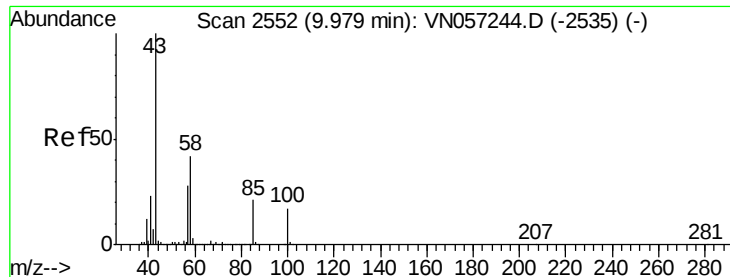
Tgt Ion: 88 Resp: 134
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.7 31.1#
 58 2450.0 52.0 78.0#



#50
 Toluene-d8
 Concen: 49.711 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

Tgt Ion: 98 Resp: 2324889
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.8 77.6

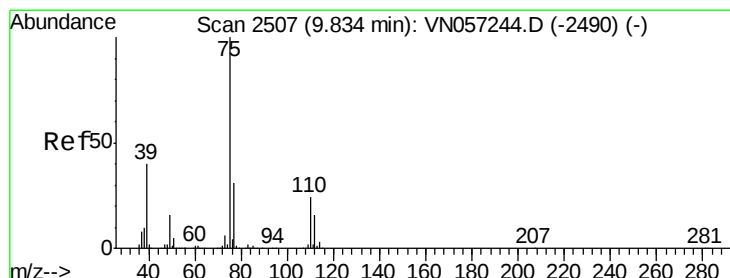
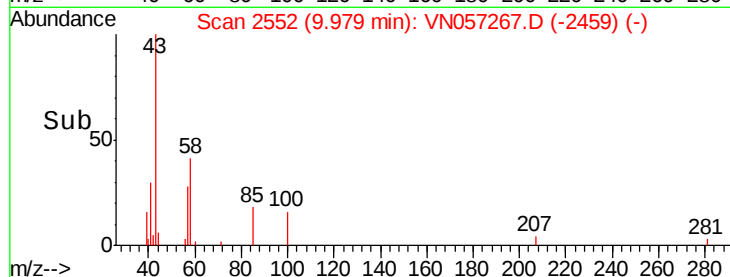
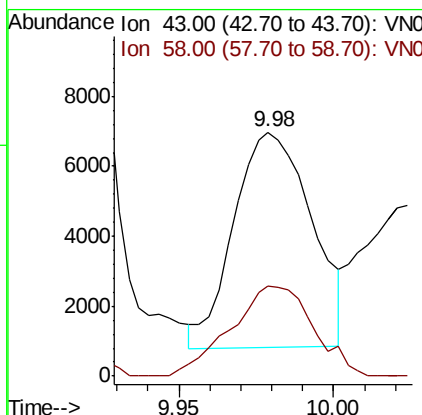
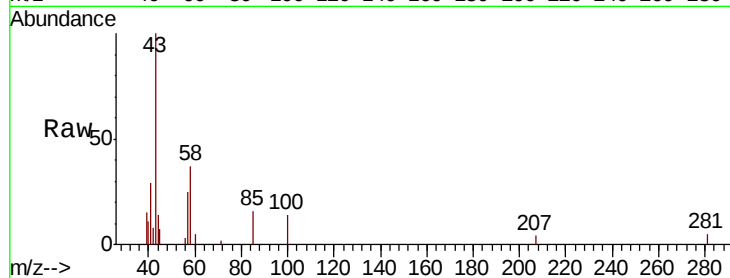




#51
 4-Methyl-2-Pentanone
 Concen: 0.791 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

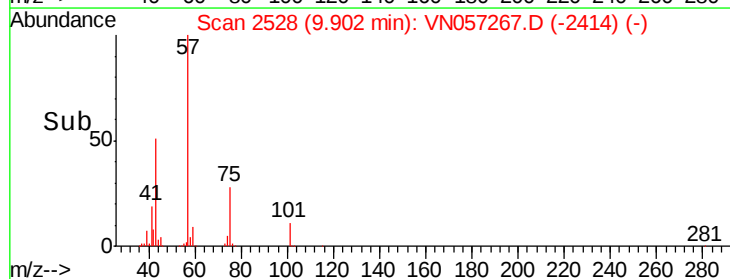
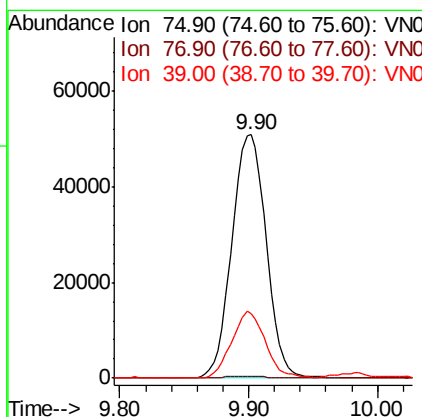
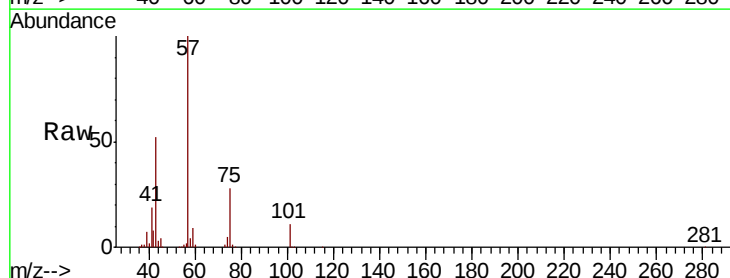
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

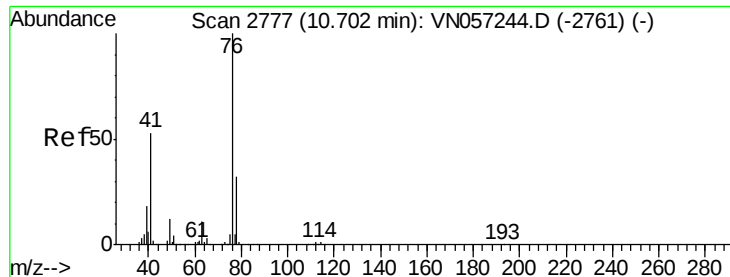
Tgt Ion: 43 Resp: 10788
 Ion Ratio Lower Upper
 43 100
 58 44.3 33.7 50.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.445 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

Tgt Ion: 75 Resp: 94131
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.6#
 39 26.7 32.3 48.5#





#57

1,3-Dichloropropane

Concen: 0.764 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampled :

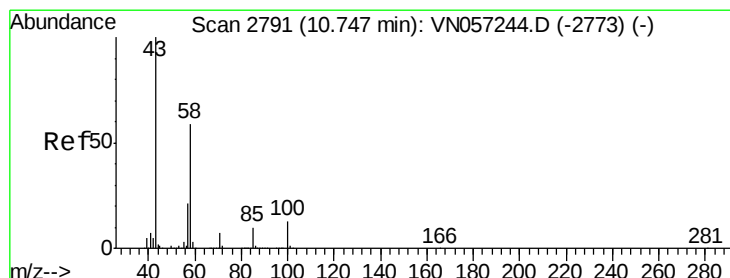
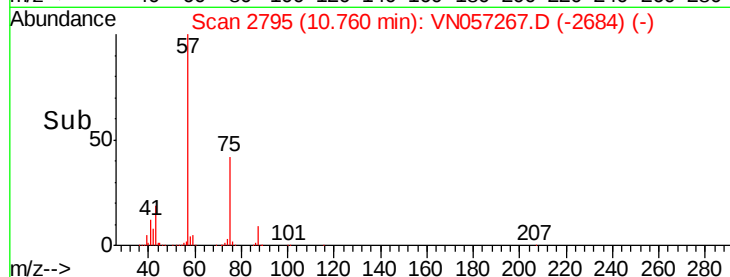
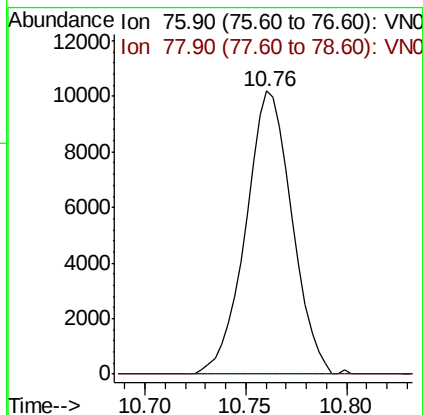
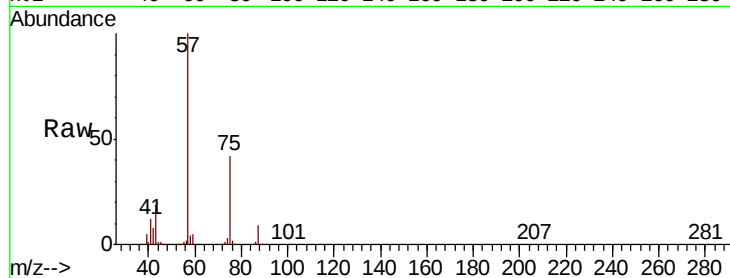
R1-R2-C4-(0)

Tgt Ion: 76 Resp: 16327

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 20.785 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057267.D

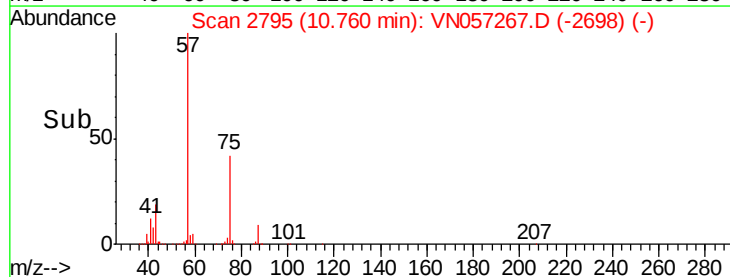
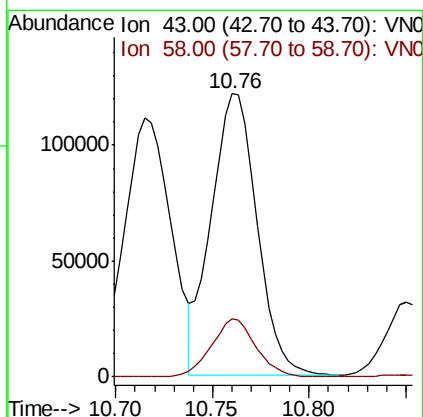
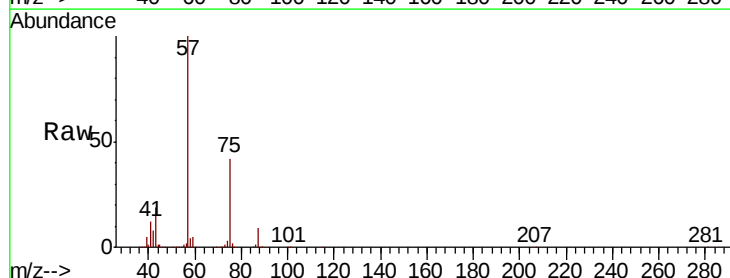
Acq: 13 Aug 2019 23:52

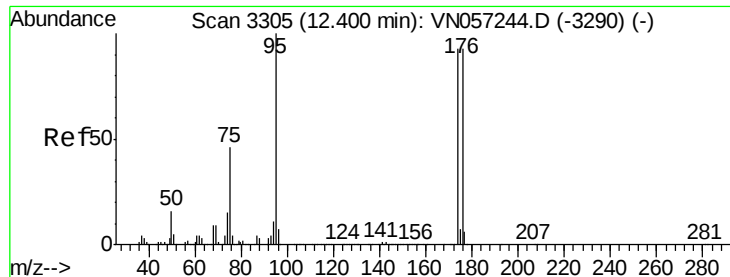
Tgt Ion: 43 Resp: 201252

Ion Ratio Lower Upper

43 100

58 20.0 29.1 87.4#

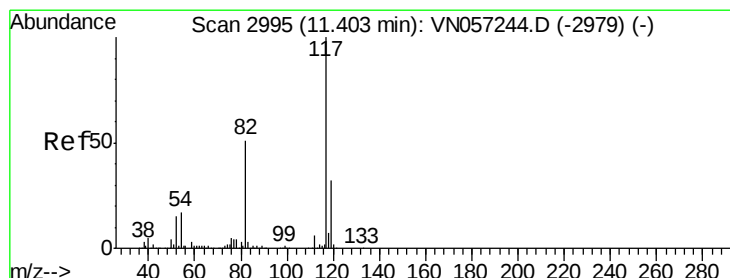
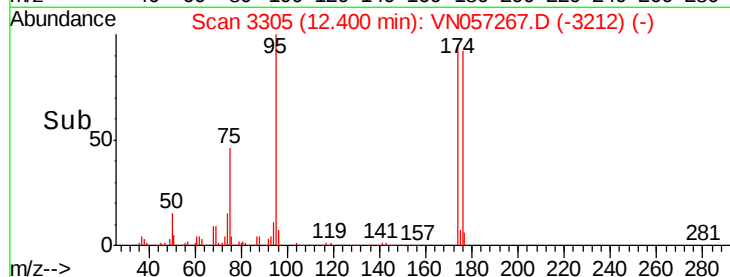
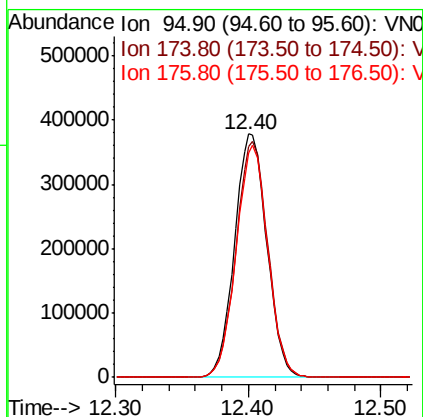
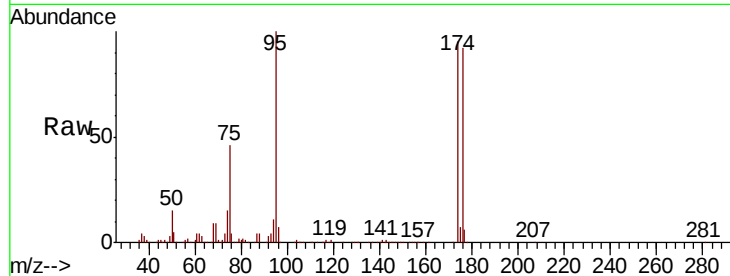




#62
4-Bromofluorobenzene
Concen: 39.728 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

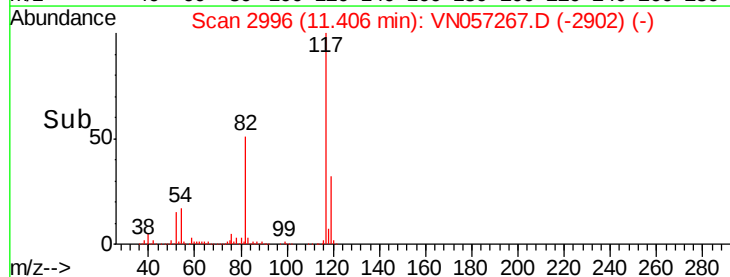
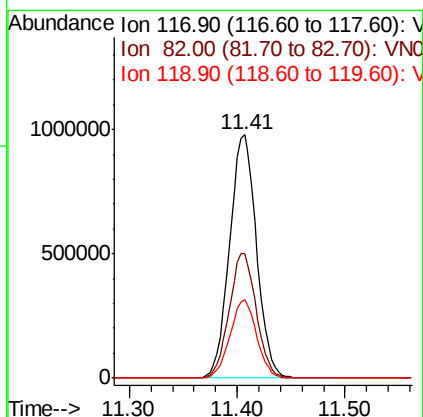
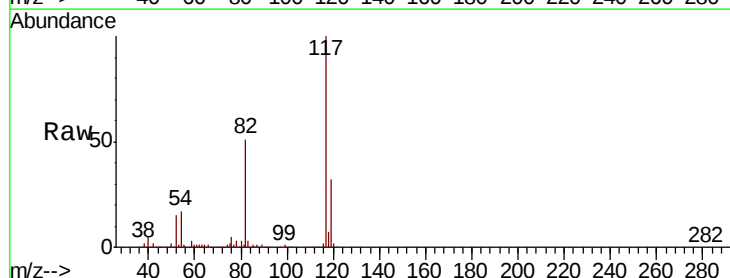
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(0)

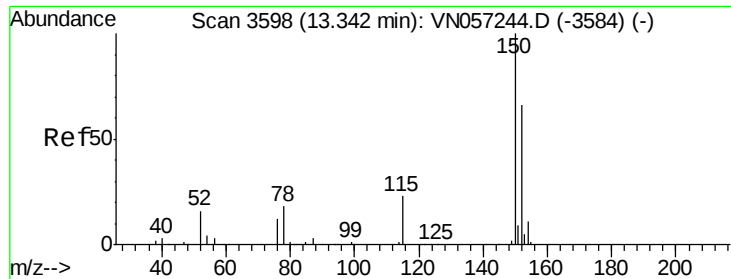
Tgt Ion: 95 Resp: 637187
Ion Ratio Lower Upper
95 100
174 95.9 0.0 187.6
176 93.7 0.0 185.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

Tgt Ion: 117 Resp: 1702891
Ion Ratio Lower Upper
117 100
82 51.2 40.9 61.3
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampled :

R1-R2-C4-(0)

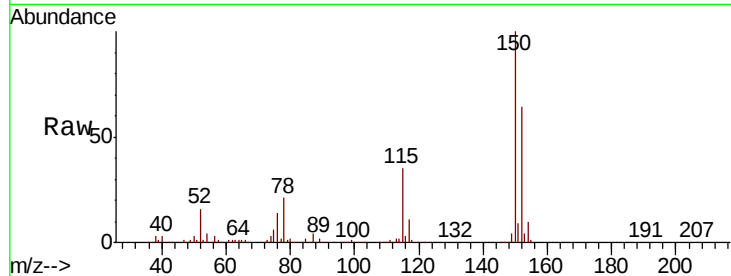
Tgt Ion:152 Resp: 456209

Ion Ratio Lower Upper

152 100

115 54.6 27.6 82.8

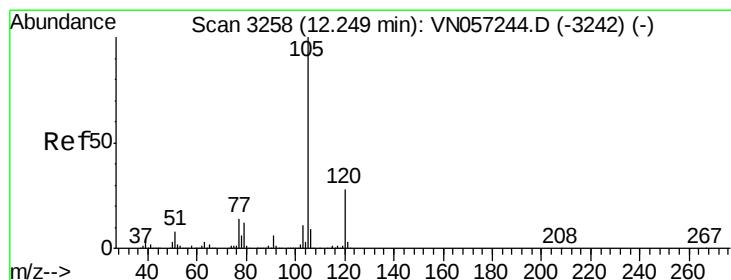
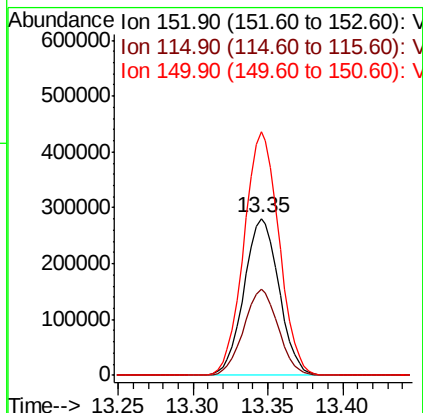
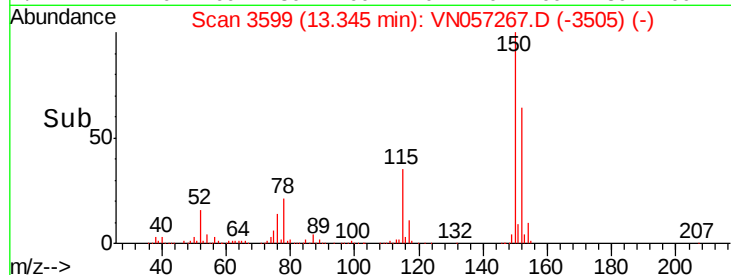
150 156.1 0.0 348.4



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057267.D

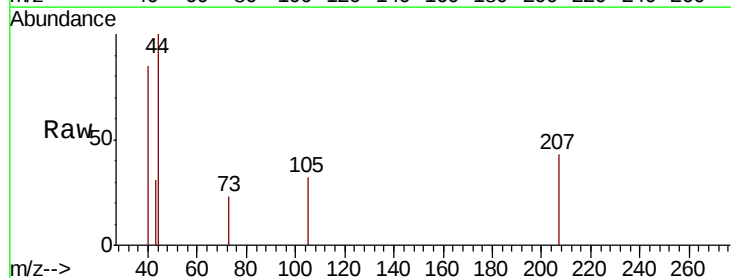
Acq: 13 Aug 2019 23:52

Tgt Ion:105 Resp: 261

Ion Ratio Lower Upper

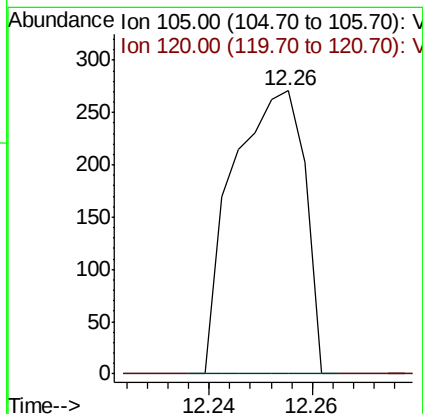
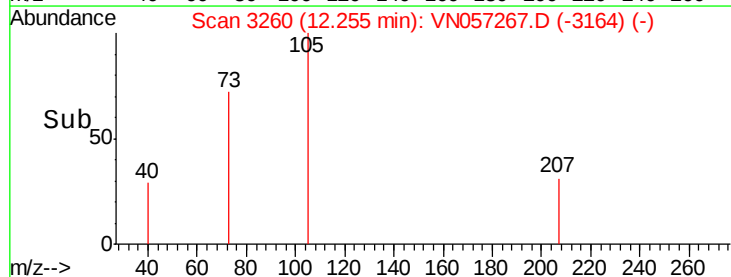
105 100

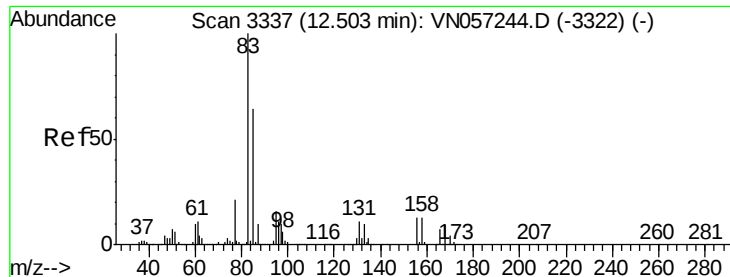
120 0.0 13.8 41.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. -0.11 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C4-(0)

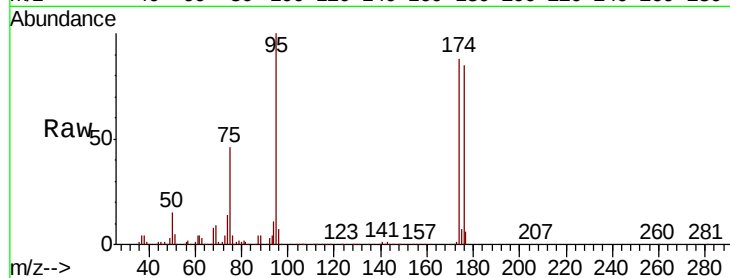
Tgt Ion: 83 Resp: 449

Ion Ratio Lower Upper

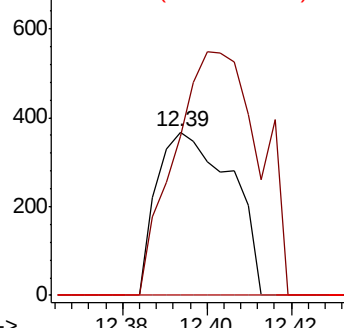
83 100

131 169.7 5.6 16.8#

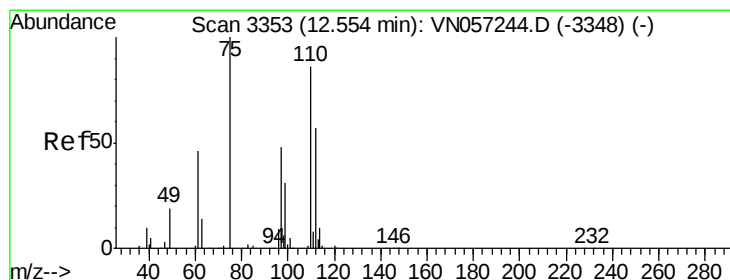
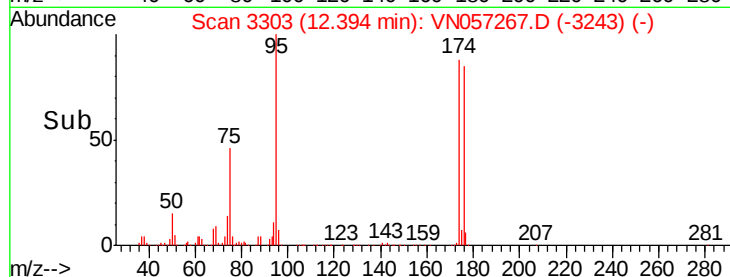
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



Time-->



#76

1,2,3-Trichloropropane

Concen: 35.425 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057267.D

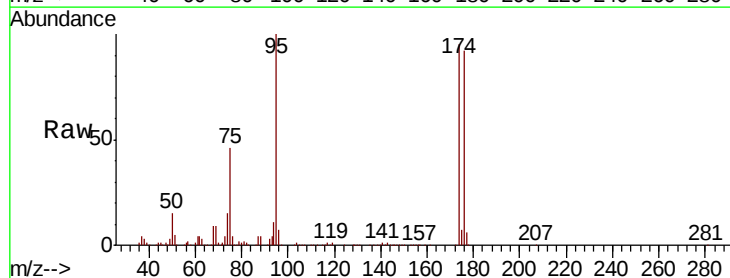
Acq: 13 Aug 2019 23:52

Tgt Ion: 75 Resp: 291038

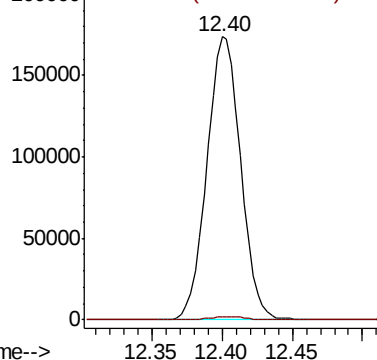
Ion Ratio Lower Upper

75 100

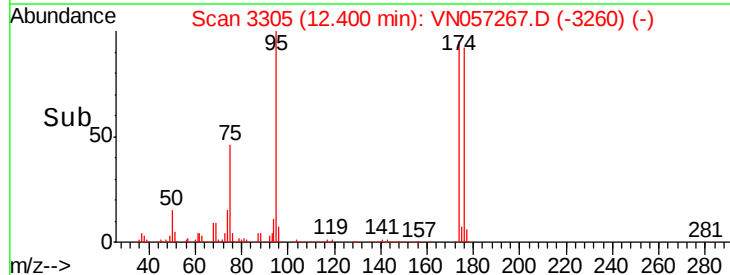
77 1.2 0.0 0.0#

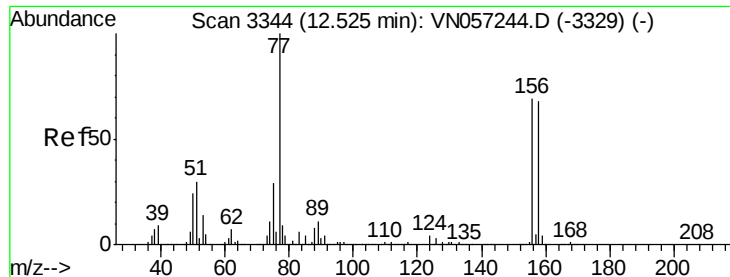


Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO



Time-->





#77

Bromobenzene

Concen: Below Cal

RT: 12.54 min Scan# 3349

Delta R.T. 0.02 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C4-(0)

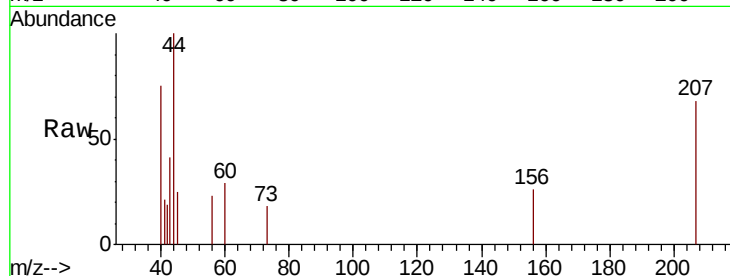
Tgt Ion:156 Resp: 93

Ion Ratio Lower Upper

156 100

77 0.0 88.0 264.1#

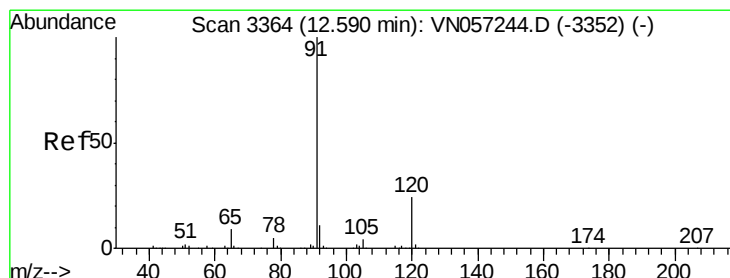
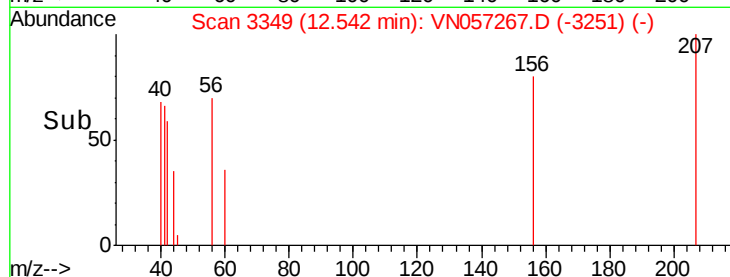
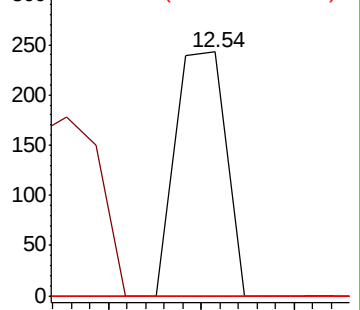
158 0.0 49.4 148.0#



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: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057267.D

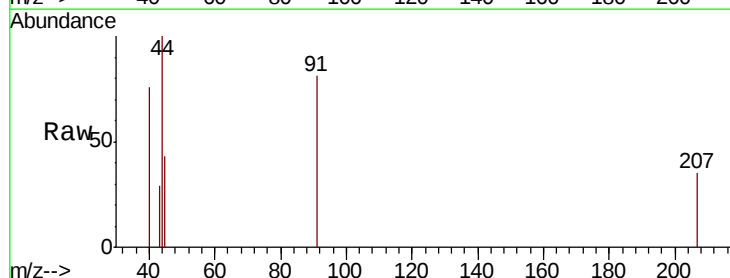
Acq: 13 Aug 2019 23:52

Tgt Ion: 91 Resp: 811

Ion Ratio Lower Upper

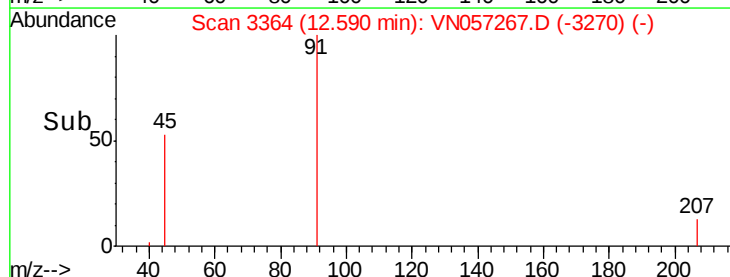
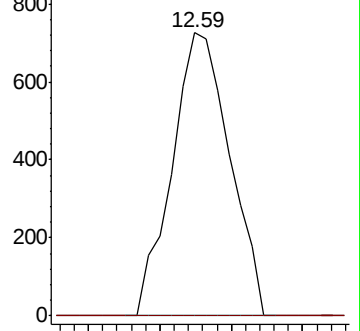
91 100

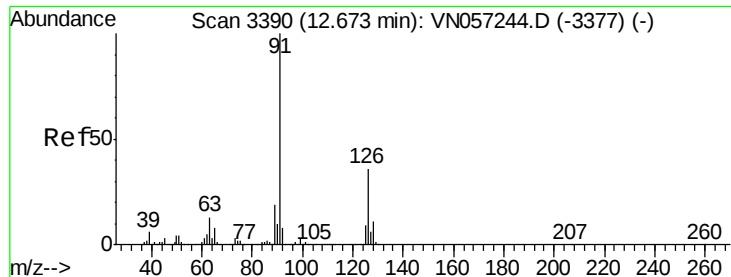
120 0.0 12.1 36.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

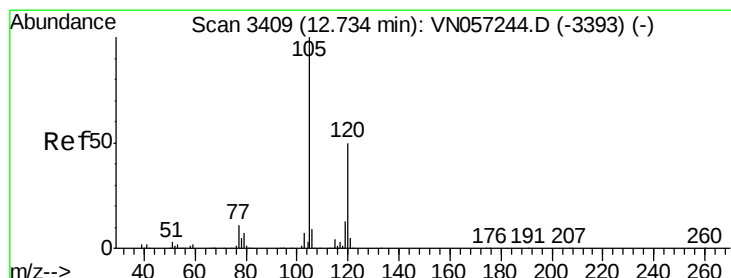
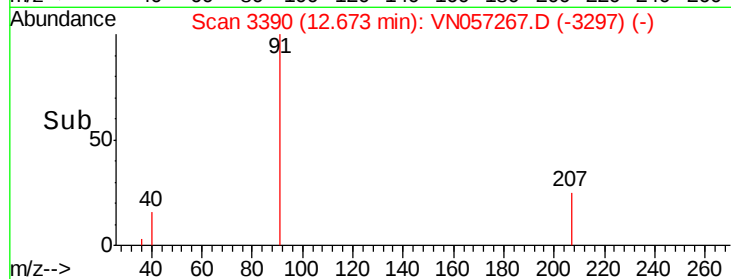
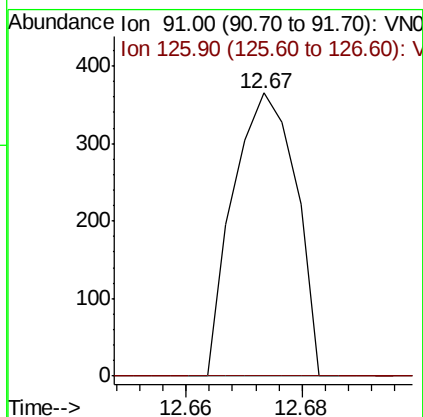
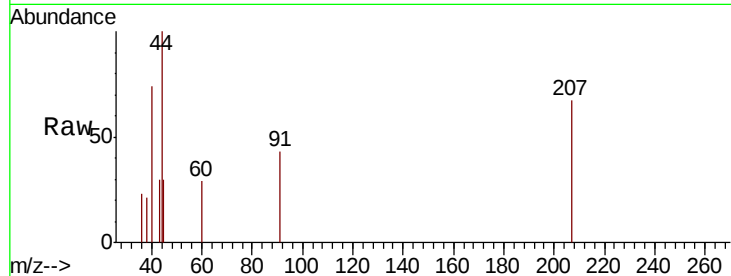




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

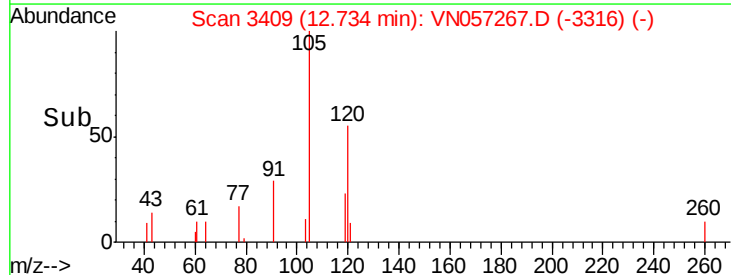
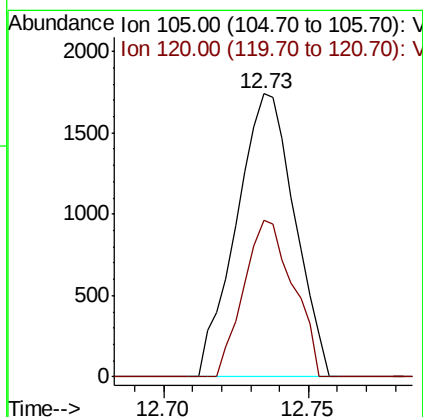
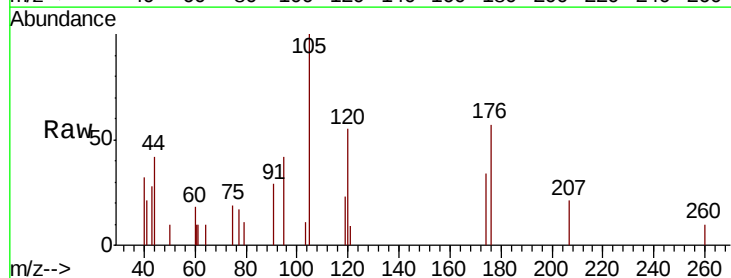
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

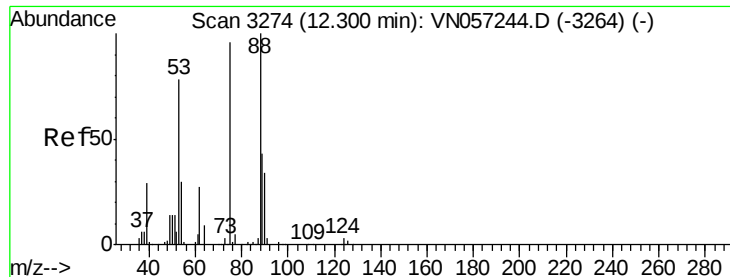
Tgt Ion: 91 Resp: 273
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.0 54.0#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

Tgt Ion: 105 Resp: 2429
 Ion Ratio Lower Upper
 105 100
 120 47.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 85.688 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C4-(0)

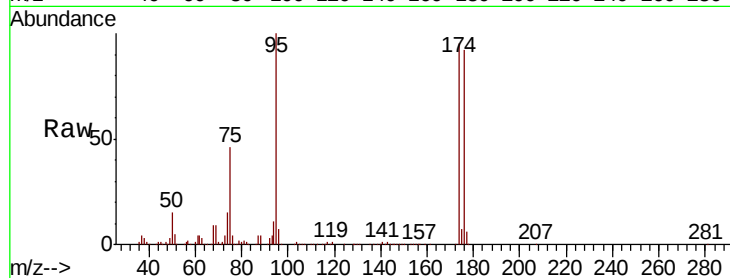
Tgt Ion: 75 Resp: 291038

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.6#

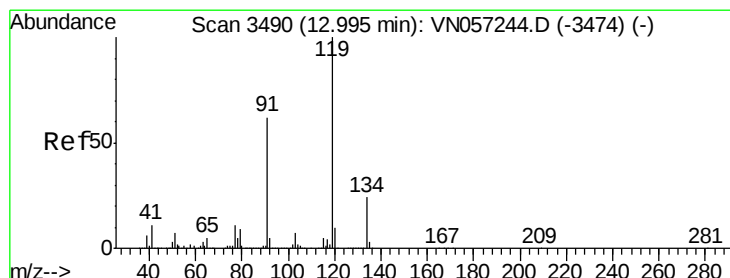
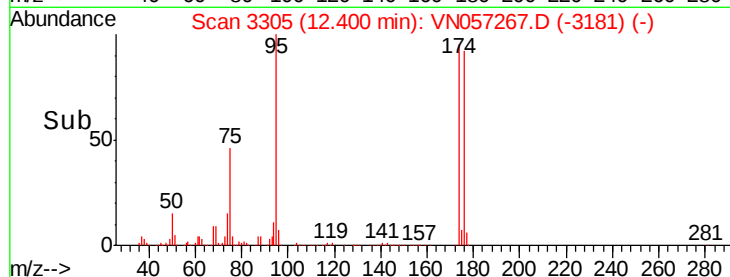
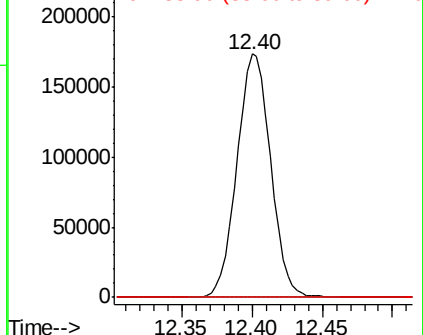
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN057267.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN057267.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN057267.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

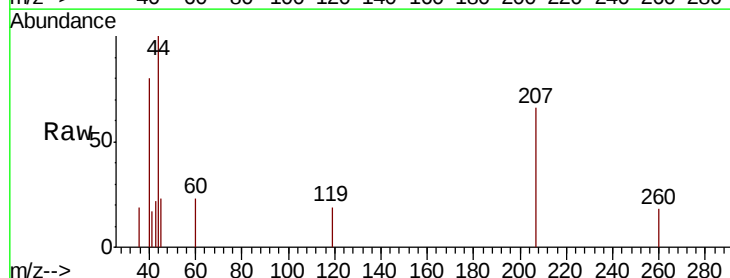
Tgt Ion: 119 Resp: 204

Ion Ratio Lower Upper

119 100

91 0.0 30.8 92.3#

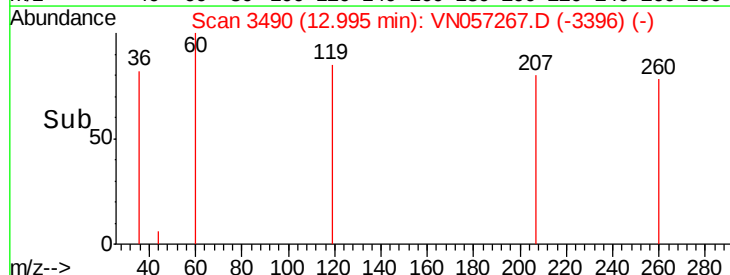
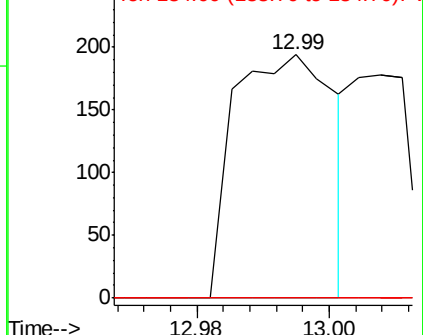
134 0.0 12.9 38.7#

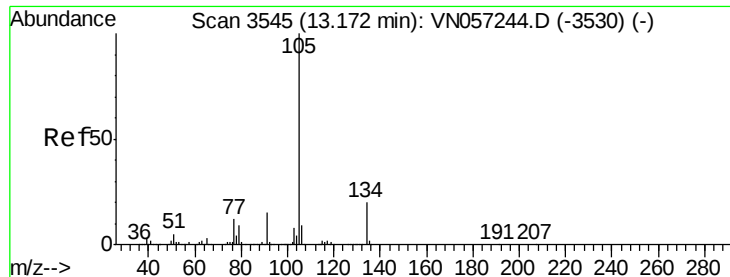


Abundance Ion 119.00 (118.70 to 119.70): VN057267.D (-3490) (-)

Ion 91.00 (90.70 to 91.70): VN057267.D (-3490) (-)

Ion 134.00 (133.70 to 134.70): VN057267.D (-3490) (-)





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

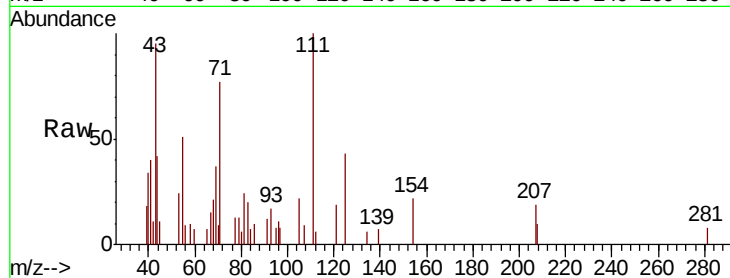
R1-R2-C4-(0)

Tgt Ion:105 Resp: 726

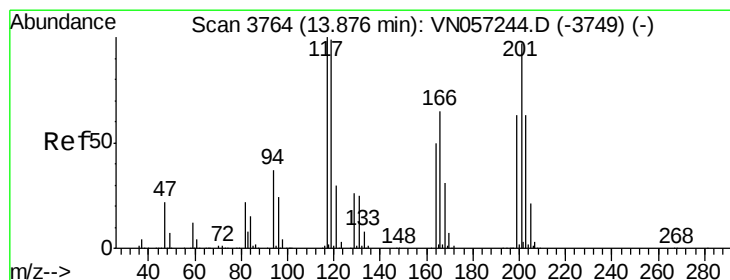
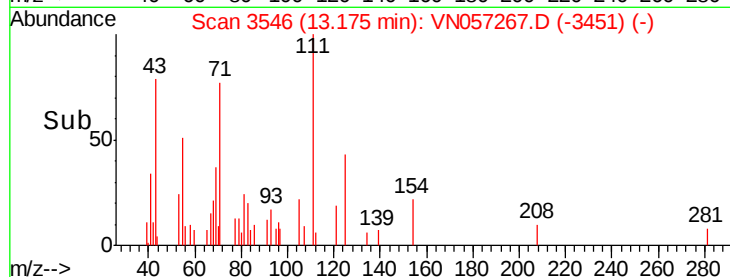
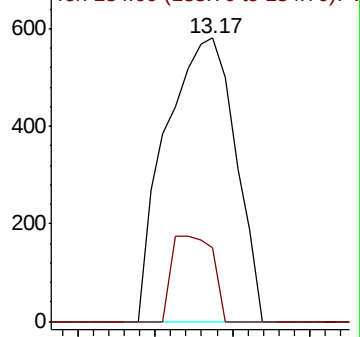
Ion Ratio Lower Upper

105 100

134 17.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.87 min Scan# 3762

Delta R.T. -0.01 min

Lab File: VN057267.D

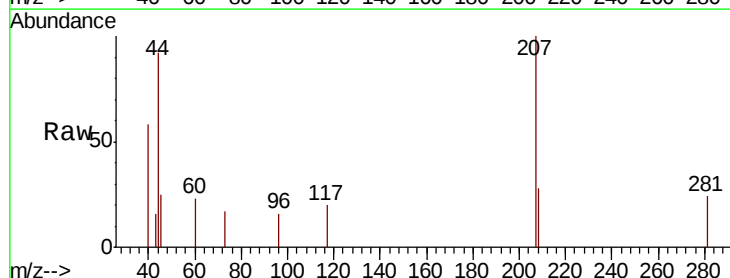
Acq: 13 Aug 2019 23:52

Tgt Ion:117 Resp: 74

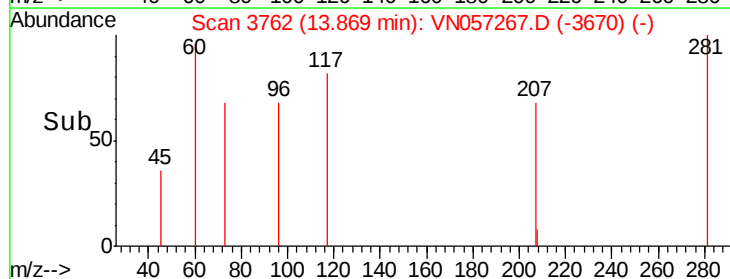
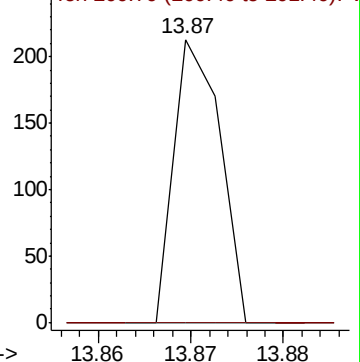
Ion Ratio Lower Upper

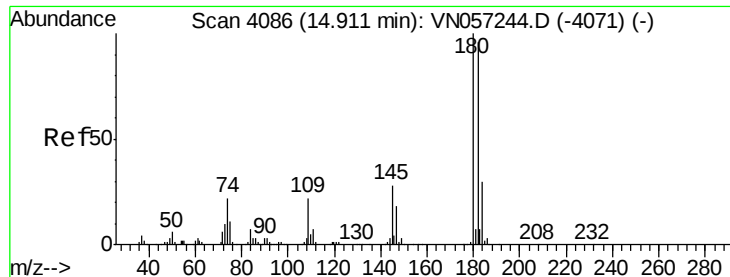
117 100

201 0.0 49.5 148.5#



Abundance Ion 116.80 (116.50 to 117.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.268 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

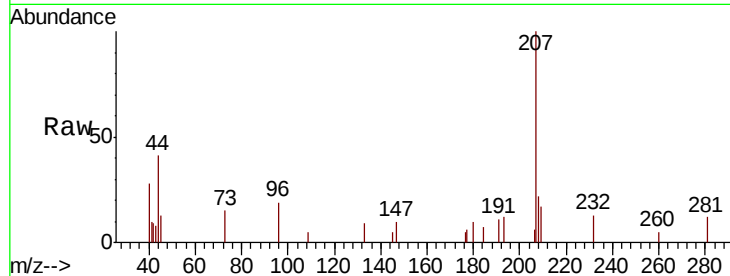
Instrument :

MSVOA_N

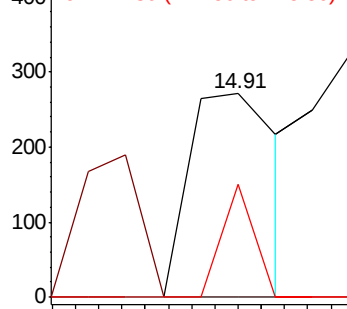
ClientSampleId :

R1-R2-C4-(0)

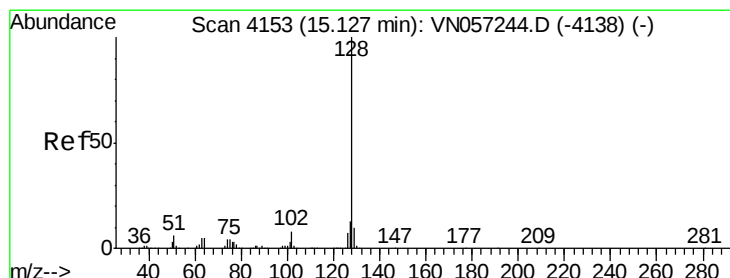
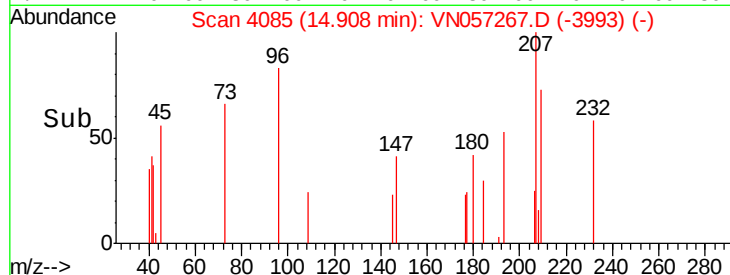
Tgt Ion:	180	Resp:	145
Ion	Ratio	Lower	Upper
180	100		
182	47.6	47.7	143.1#
145	20.0	14.2	42.6



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



Time-->



#95

Naphthalene

Concen: Below Cal

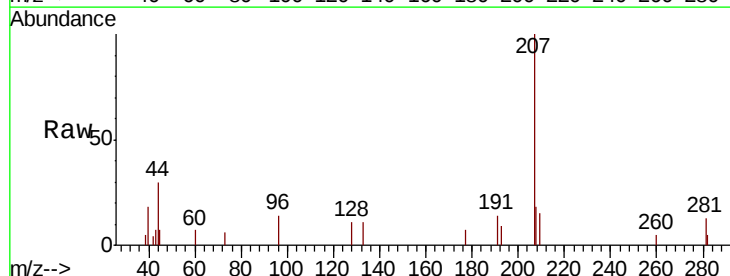
RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

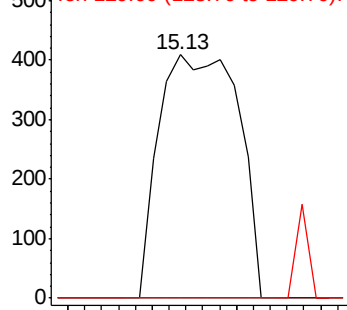
Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

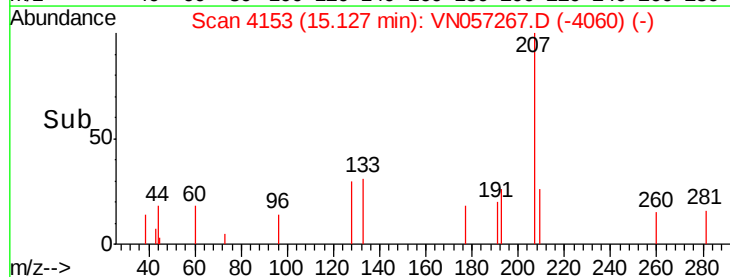
Tgt Ion:	128	Resp:	536
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.5	12.7#

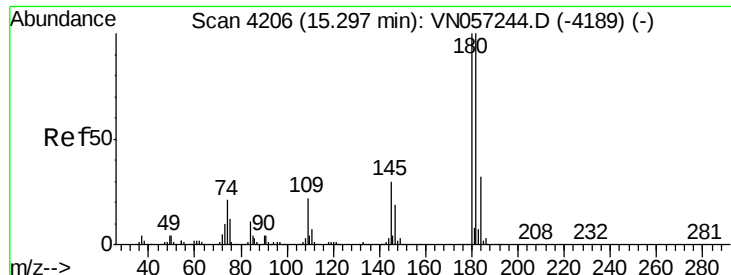


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->

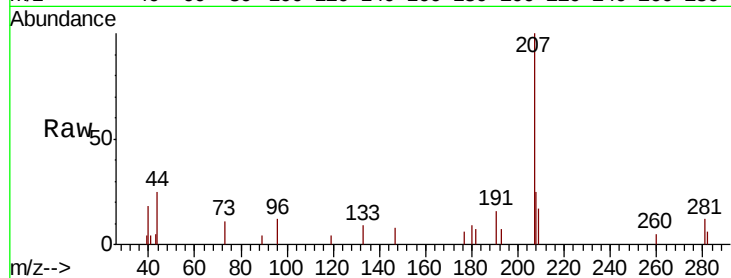




#96
 1,2,3-Trichlorobenzene
 Concen: 4.295 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	120.3	48.9	146.7
145	0.0	15.0	45.1#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

