

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057262.D
 Acq On : 13 Aug 2019 21:50
 Operator : JC/SP
 Sample : K4266-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A2-(0)

Quant Time: Aug 14 06:34:09 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	1482393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2050366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1700644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	421174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	687045	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
35) Dibromofluoromethane	7.58	113	620291	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	10.09	98	2377510	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	621120	37.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.86%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	1656	0.211	ug/l #	40
11) Tert butyl alcohol	4.73	59	1222	0.607	ug/l #	87
16) Acetone	3.81	43	31922	6.226	ug/l #	85
18) Methyl Acetate	4.32	43	22920	0.584	ug/l #	71
20) Methylene Chloride	4.55	84	47717	3.186	ug/l	96
25) 2-Butanone	6.83	43	4677	0.642	ug/l	97
31) Cyclohexane	7.66	56	20538	0.969	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	87432	4.877	ug/l #	48
38) Carbon Tetrachloride	7.66	117	124536	6.540	ug/l #	15
43) Isopropyl Acetate	8.16	43	190265	8.018	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	4038	0.293	ug/l #	43
48) Methyl methacrylate	9.18	41	9912	0.903	ug/l #	10
49) 1,4-Dioxane	9.26	88	705	2.849	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	12820	0.920	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	96219	4.450	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	16091	0.737	ug/l #	43
59) 2-Hexanone	10.76	43	200849	20.316	ug/l #	50
71) Bromoform	12.40	173	2364	0.230	ug/l #	1
73) Isopropylbenzene	12.26	105	186	Below Cal	#	47
74) N-amyl acetate	12.03	43	14712	0.444	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.40	83	127	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	287610	38.178	ug/l #	100
77) Bromobenzene	12.40	156	85	Below Cal	#	1
78) n-propylbenzene	12.59	91	906	Below Cal		90
79) 2-Chlorotoluene	12.68	91	276	Below Cal		95
80) 1,3,5-Trimethylbenzene	12.73	105	3232	Below Cal		86
81) trans-1,4-Dichloro-2-buten	12.40	75	287610	91.723	ug/l #	16
83) tert-Butylbenzene	12.99	119	479	Below Cal	#	51
85) sec-Butylbenzene	13.17	105	759	Below Cal		92
93) 1,2,4-Trichlorobenzene	14.91	180	481	3.327	ug/l #	56
94) Hexachlorobutadiene	15.00	225	69	Below Cal	#	1
95) Naphthalene	15.12	128	329	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.31	180	346	4.300	ug/l #	84

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

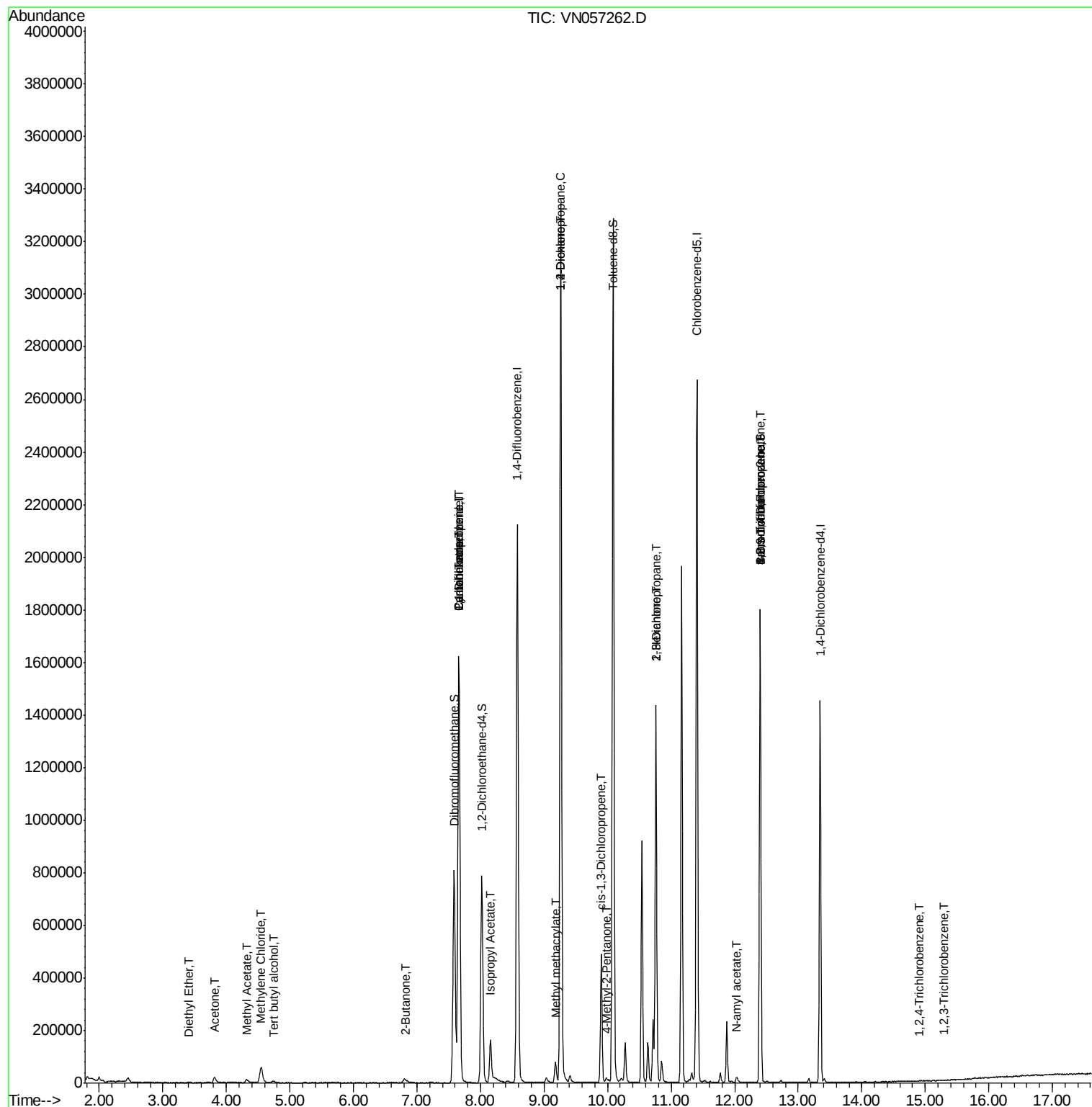
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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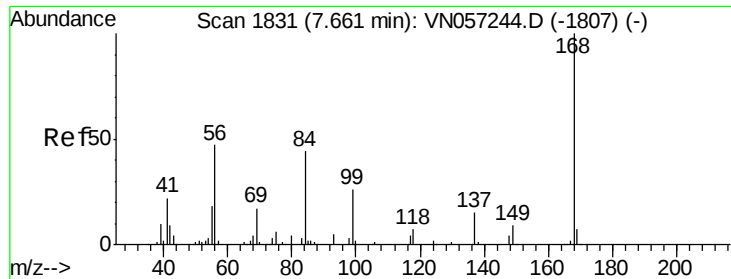
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
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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: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

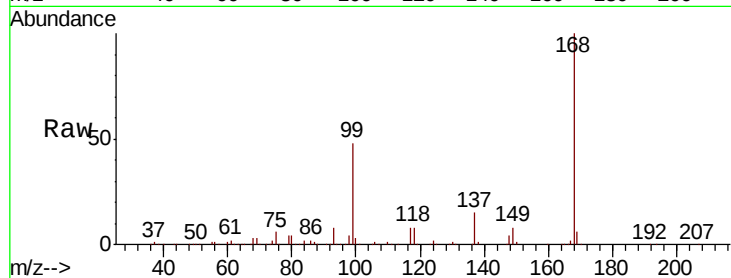
R1-R2-A2-(0)

Tgt Ion:168 Resp: 1482393

Ion Ratio Lower Upper

168 100

99 48.0 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

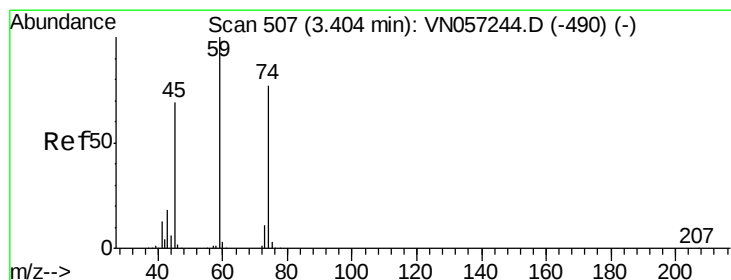
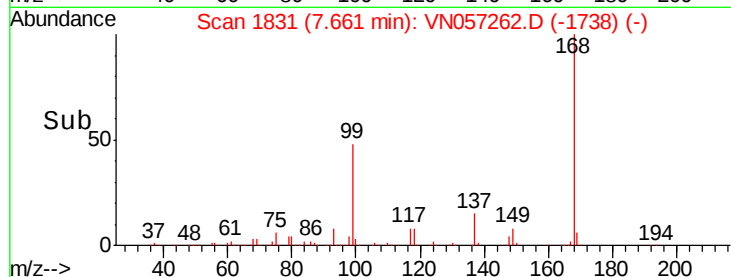
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.211 ug/l

RT: 3.41 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN057262.D

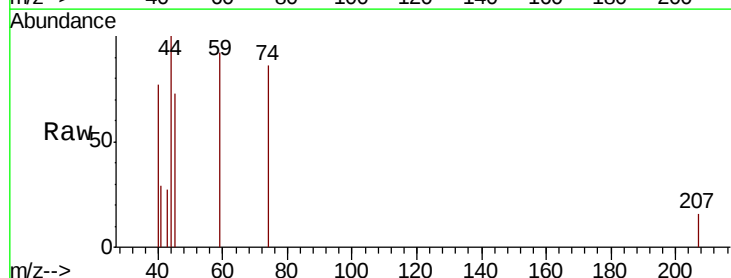
Acq: 13 Aug 2019 21:50

Tgt Ion: 74 Resp: 1656

Ion Ratio Lower Upper

74 100

45 33.2 45.1 135.2#



Abundance Ion 74.00 (73.70 to 74.70): VN057244.D (-490) (-)

Ion 45.00 (44.70 to 45.70): VN057244.D (-490) (-)

3.41

1000

800

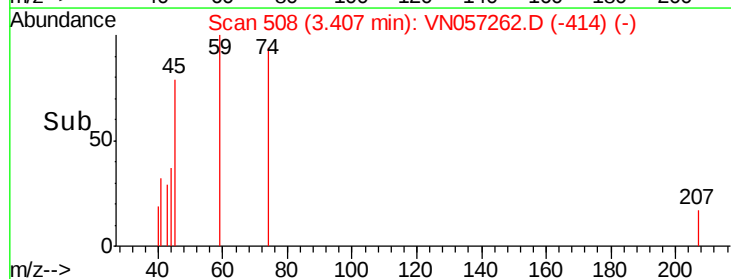
600

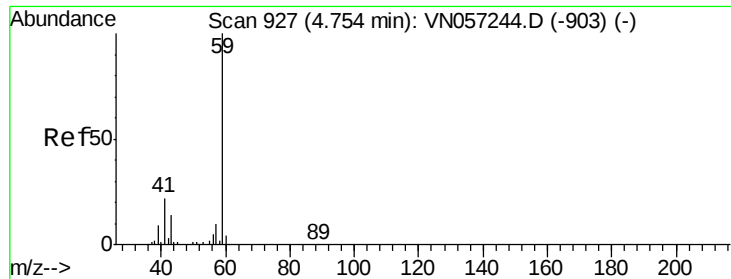
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200

0

Time-->

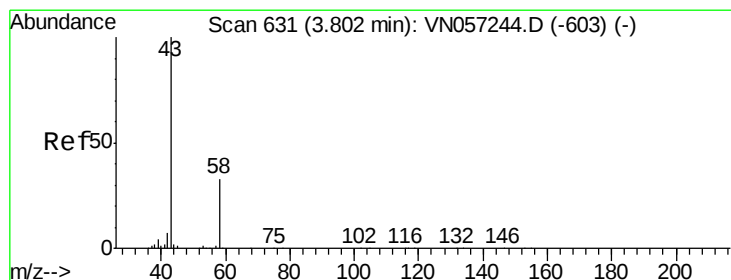
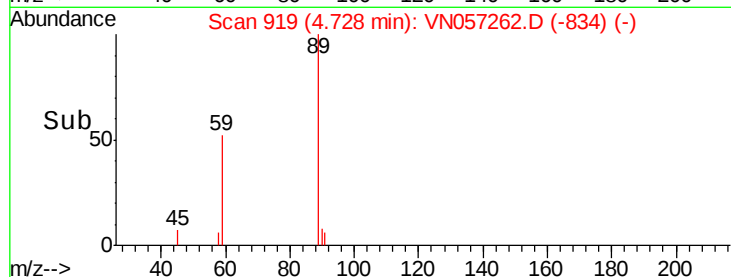
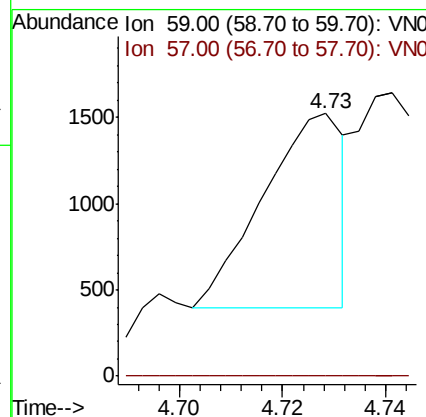
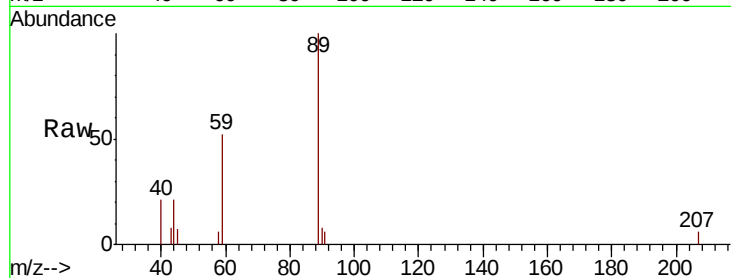




#11
Tert butyl alcohol
Concen: 0.607 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.03 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

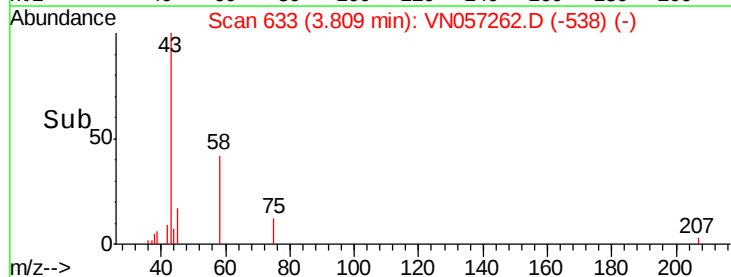
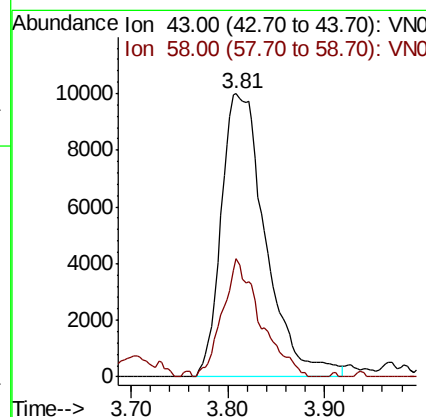
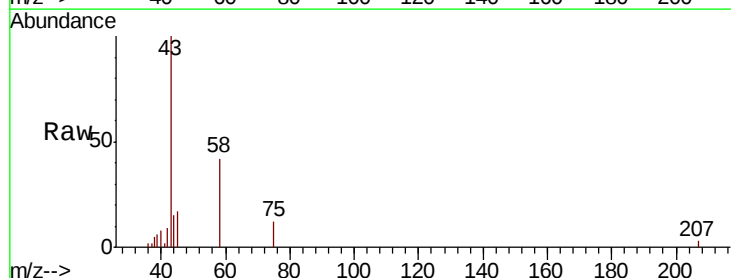
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A2-(0)

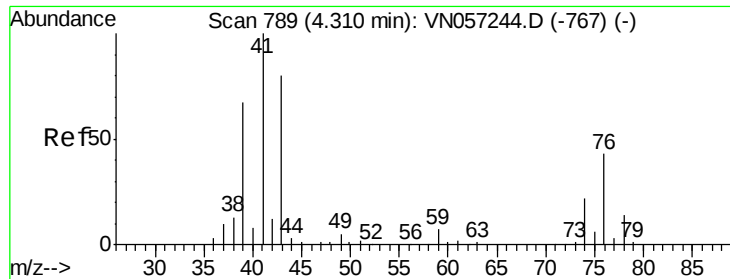
Tgt Ion: 59 Resp: 1222
Ion Ratio Lower Upper
59 100
57 0.0 3.4 5.2#



#16
Acetone
Concen: 6.226 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

Tgt Ion: 43 Resp: 31922
Ion Ratio Lower Upper
43 100
58 41.9 26.7 40.1#

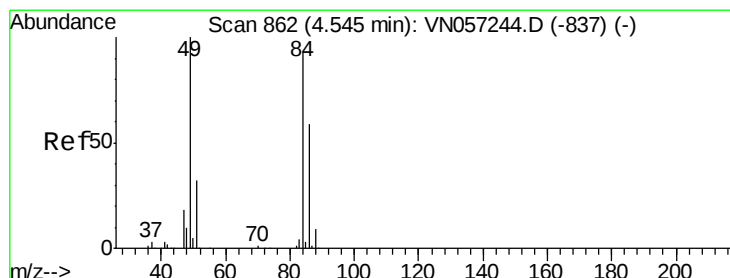
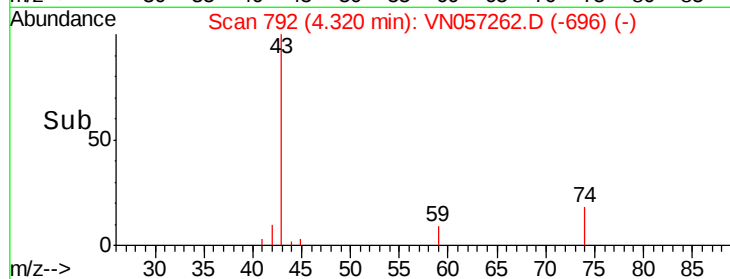
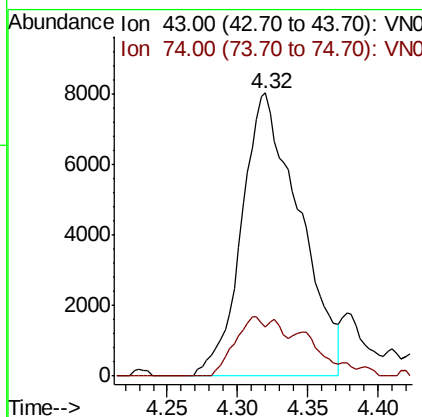
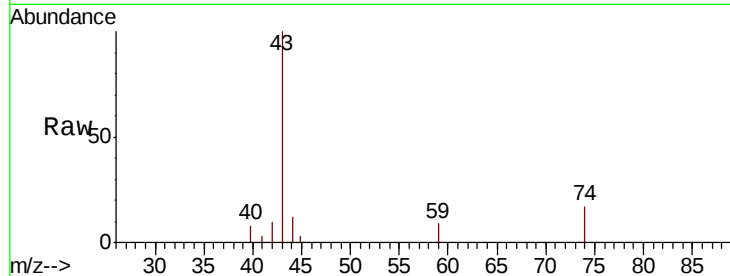




#18
Methyl Acetate
Concen: 0.584 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

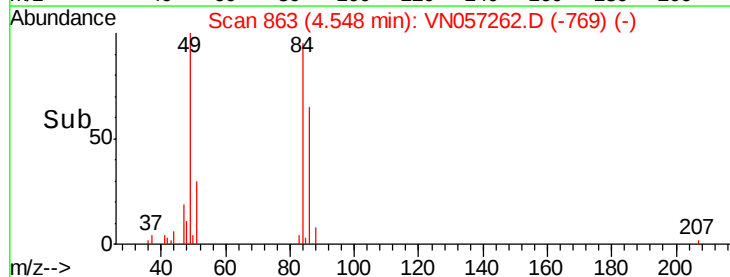
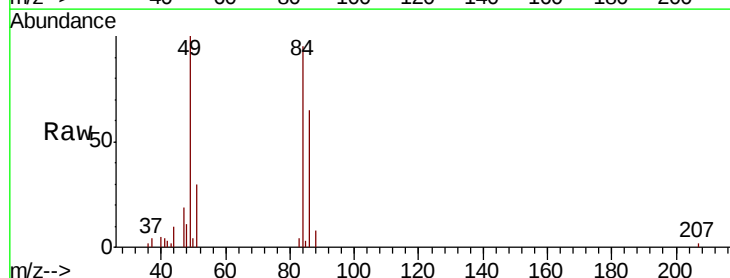
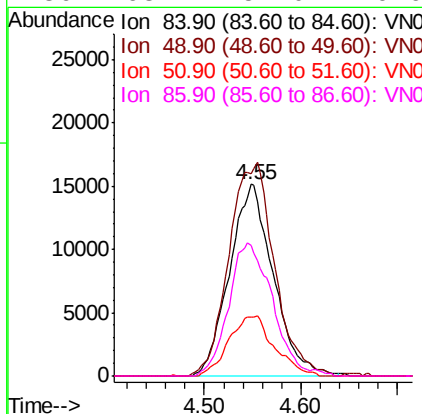
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A2-(0)

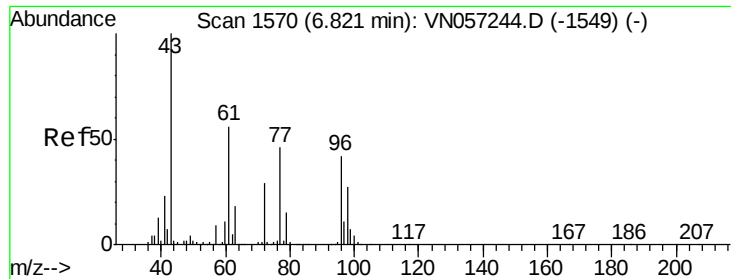
Tgt Ion: 43 Resp: 22920
Ion Ratio Lower Upper
43 100
74 10.9 20.6 31.0#



#20
Methylene Chloride
Concen: 3.186 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

Tgt Ion: 84 Resp: 47717
Ion Ratio Lower Upper
84 100
49 105.3 85.9 128.9
51 31.1 27.1 40.7
86 68.4 51.0 76.6

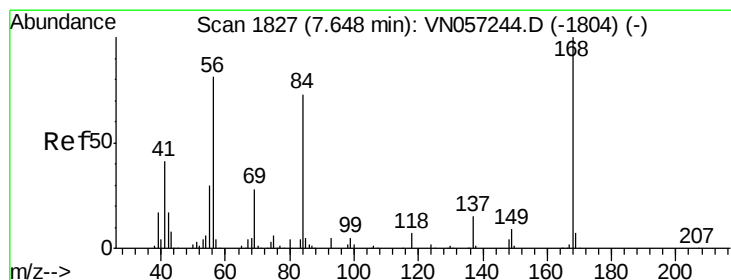
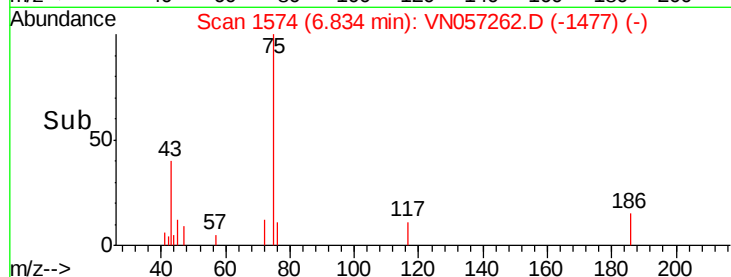
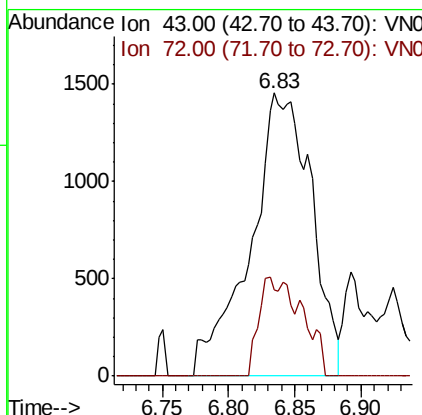
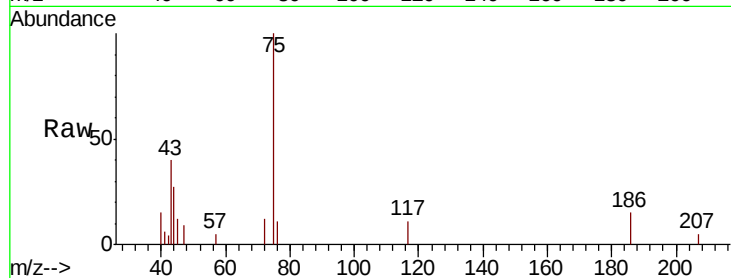




#25
2-Butanone
Concen: 0.642 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

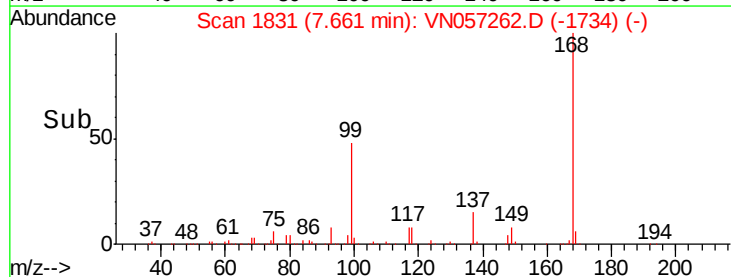
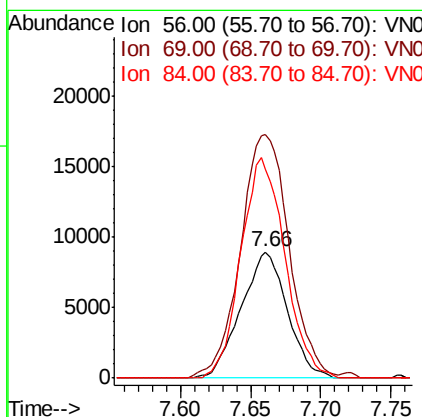
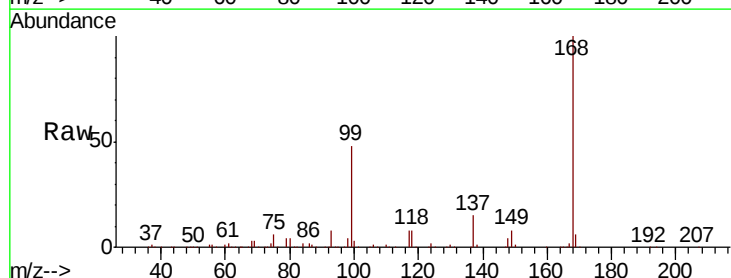
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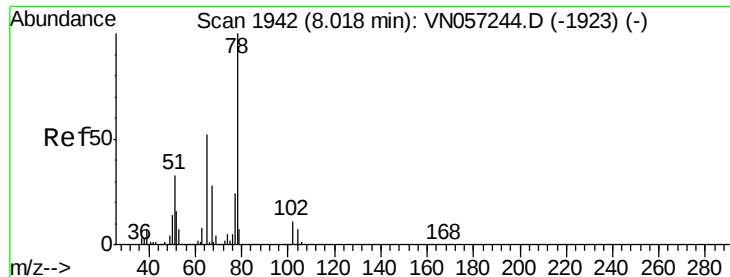
Tgt Ion: 43 Resp: 4677
Ion Ratio Lower Upper
43 100
72 30.6 23.1 34.7



#31
Cyclohexane
Concen: 0.969 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

Tgt Ion: 56 Resp: 20538
Ion Ratio Lower Upper
56 100
69 193.2 27.8 41.8#
84 165.9 72.0 108.0#

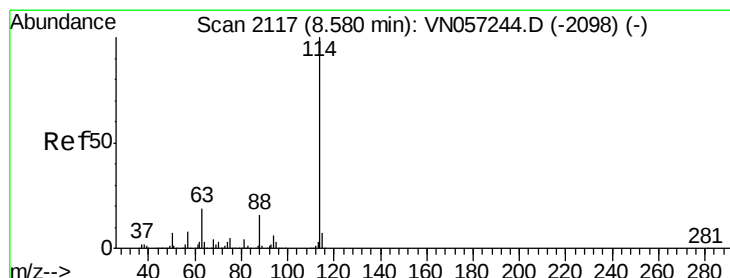
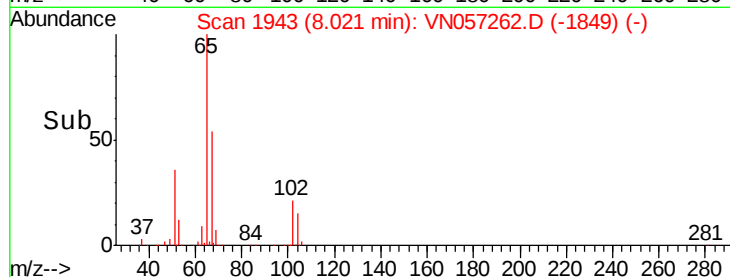
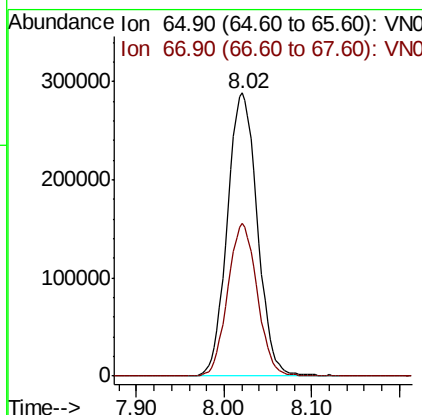
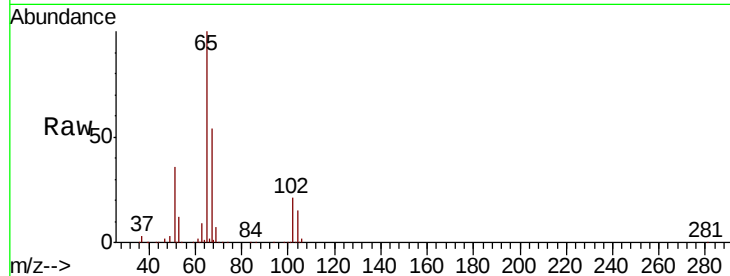




#33
 1,2-Dichloroethane-d4
 Concen: 45.944 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

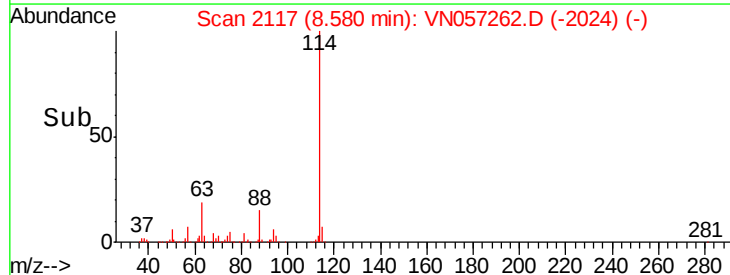
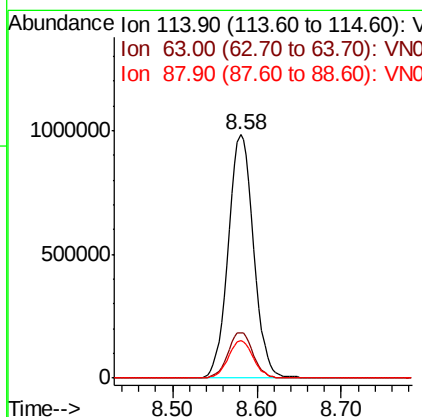
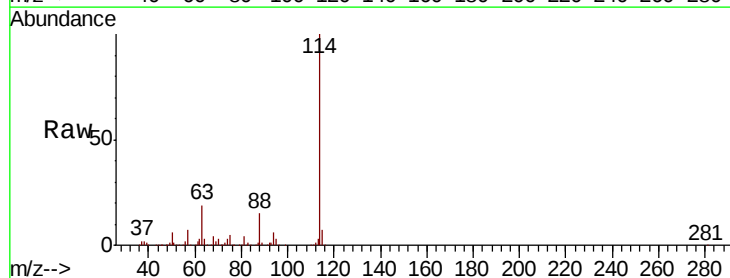
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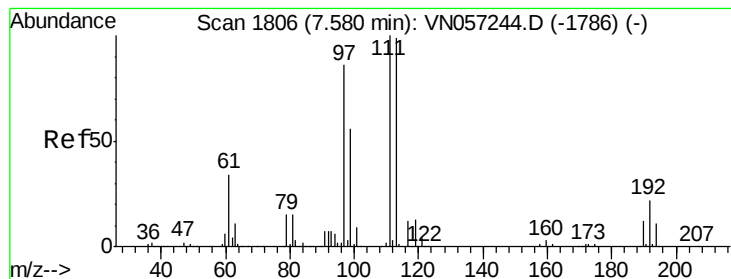
Tgt Ion: 65 Resp: 687045
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

Tgt Ion: 114 Resp: 2050366
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.379 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A2-(0)

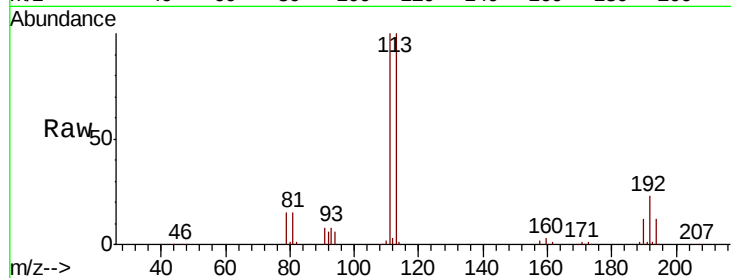
Tgt Ion:113 Resp: 620291

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.2

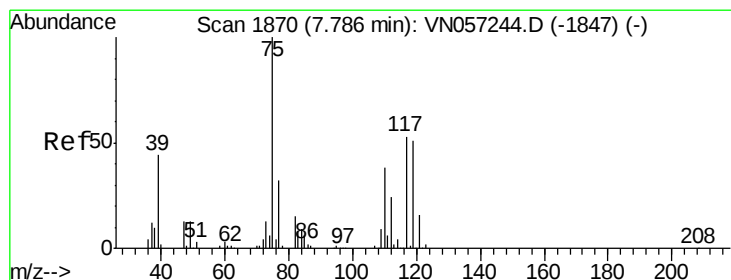
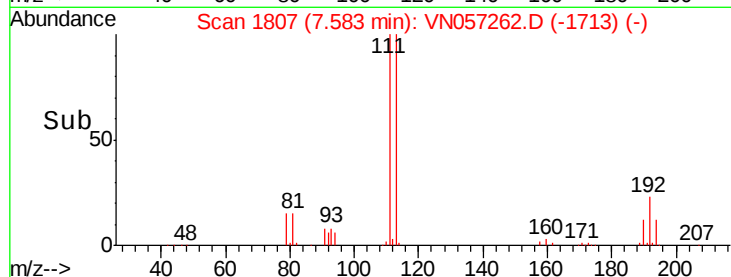
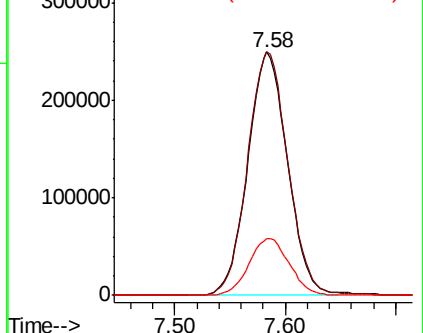
192 23.8 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.877 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

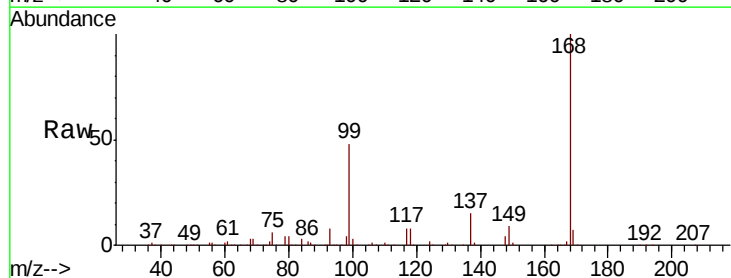
Tgt Ion: 75 Resp: 87432

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.1#

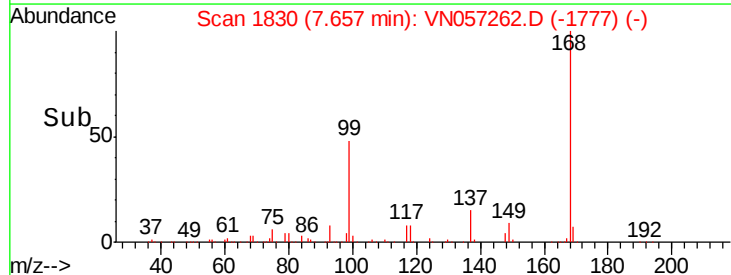
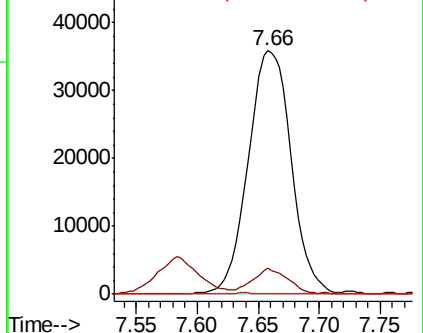
77 0.1 25.2 37.8#

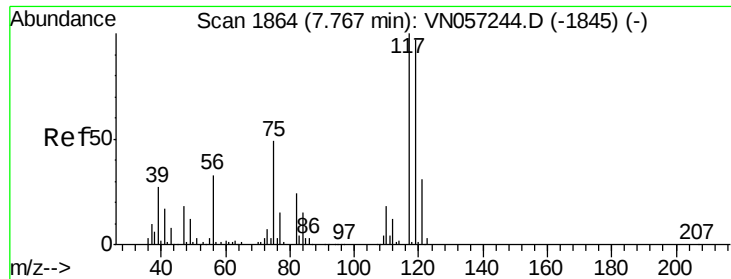


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

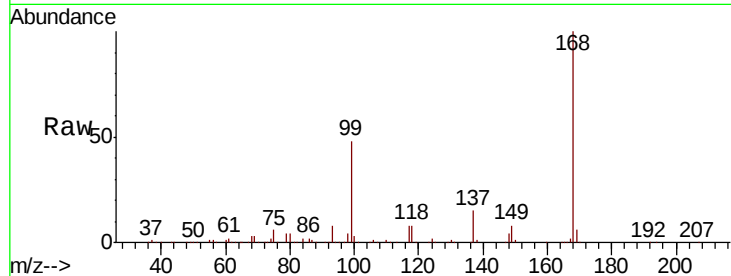




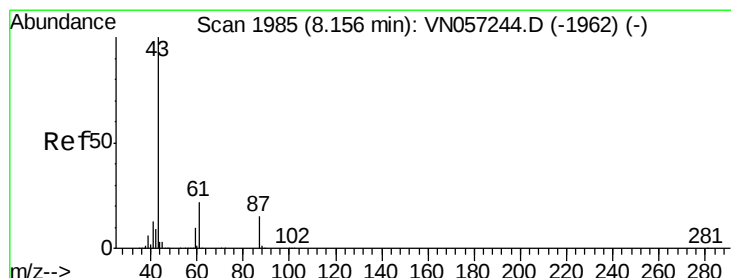
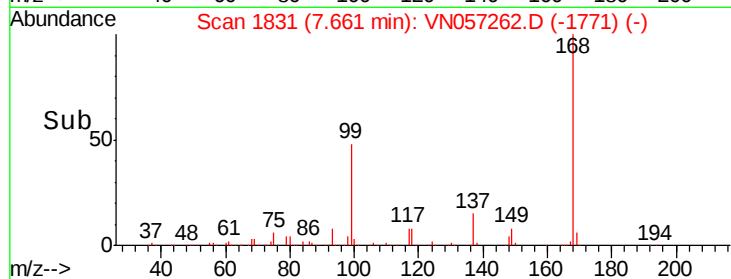
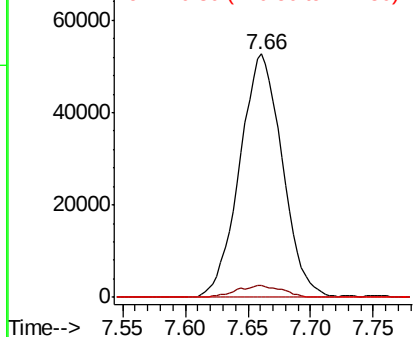
#38
Carbon Tetrachloride
Concen: 6.540 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A2-(0)

Tgt Ion:117 Resp: 124536
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 24.9 37.3#

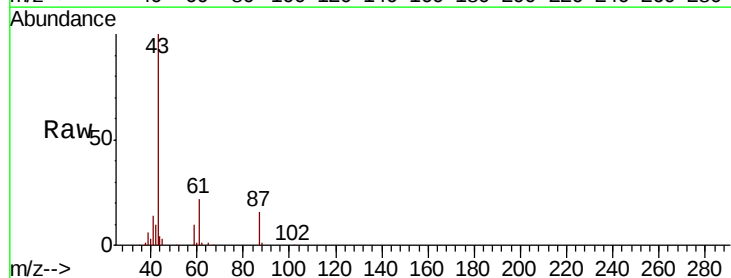


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

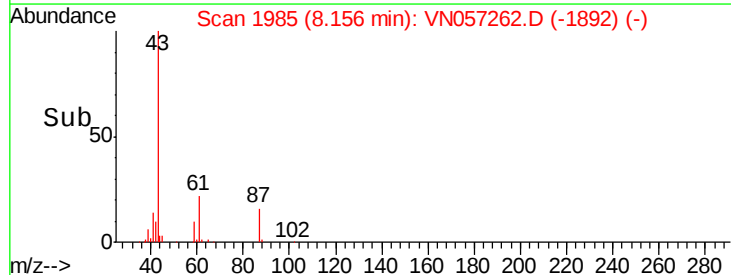
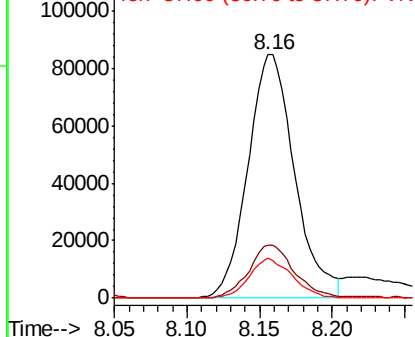


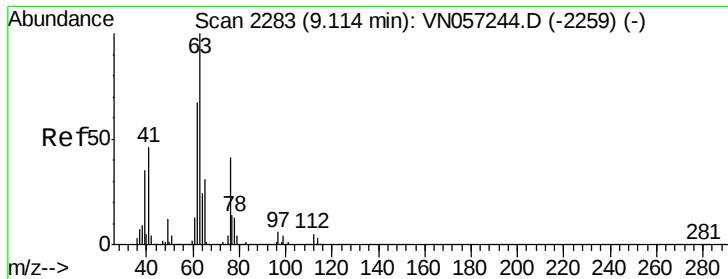
#43
Isopropyl Acetate
Concen: 8.018 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

Tgt Ion: 43 Resp: 190265
Ion Ratio Lower Upper
43 100
61 21.6 23.5 35.3#
87 15.3 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: 0.293 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

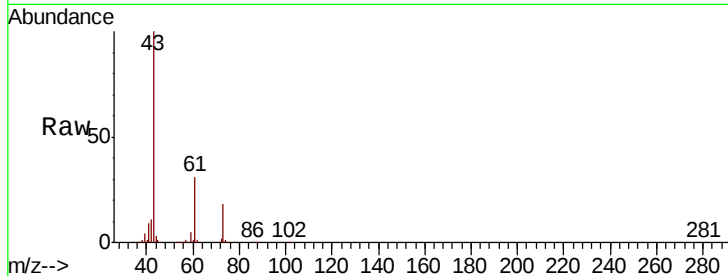
R1-R2-A2-(0)

Tgt Ion: 63 Resp: 4038

Ion Ratio Lower Upper

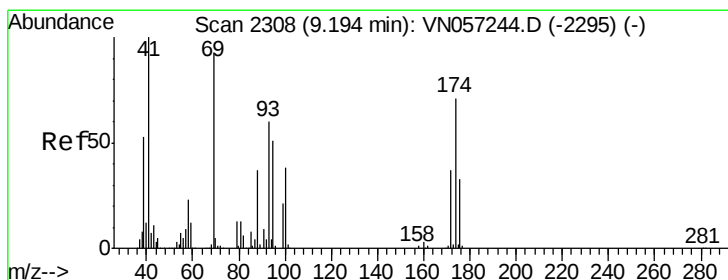
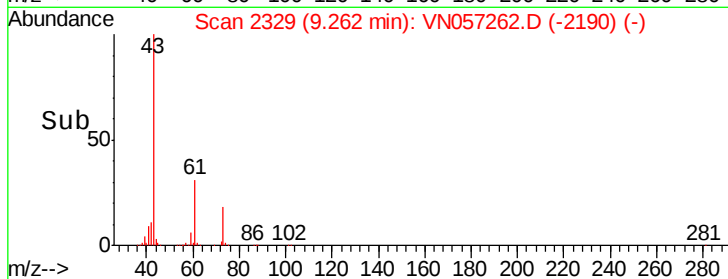
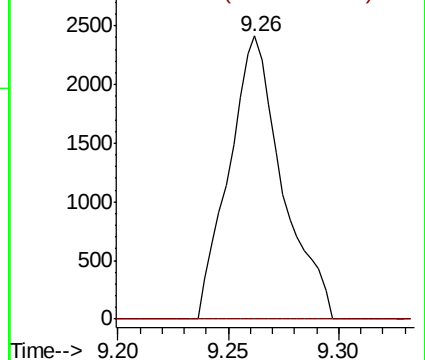
63 100

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: 0.903 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

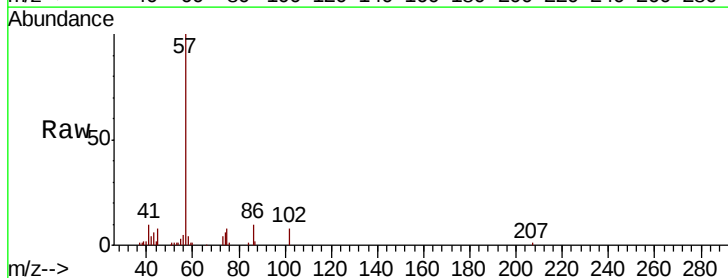
Tgt Ion: 41 Resp: 9912

Ion Ratio Lower Upper

41 100

69 0.0 75.7 113.5#

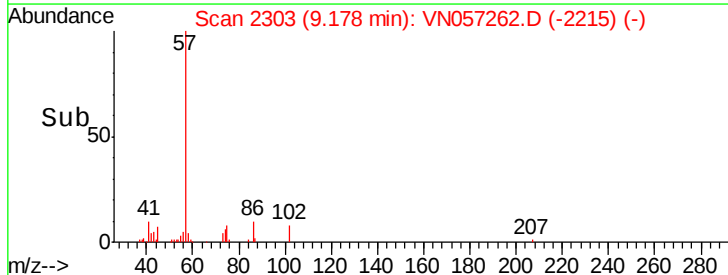
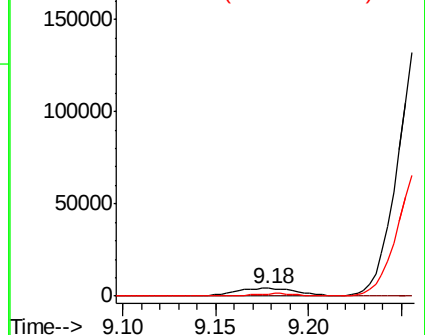
39 0.0 43.3 64.9#

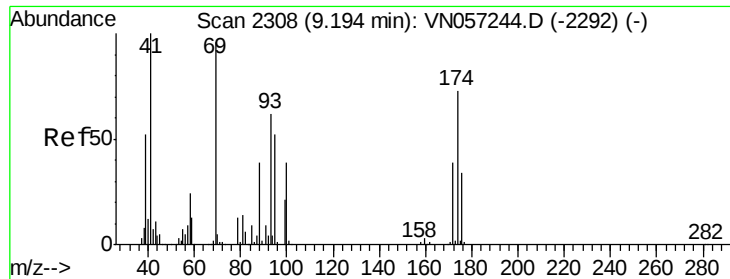


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 2.849 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A2-(0)

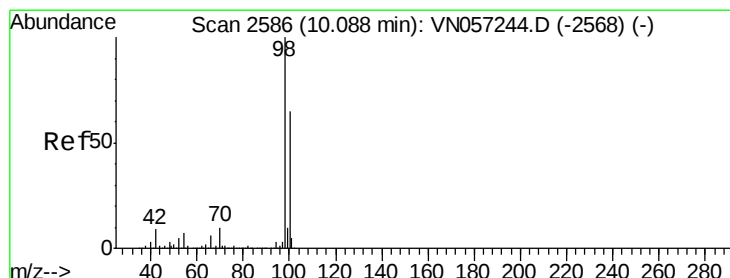
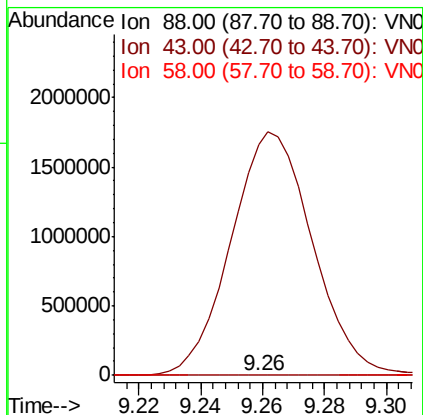
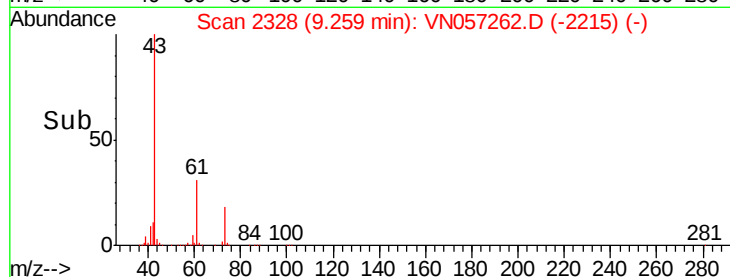
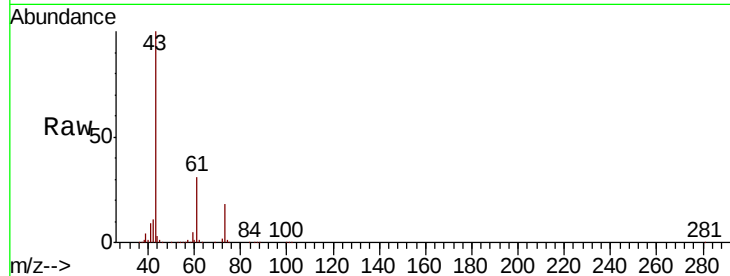
Tgt Ion: 88 Resp: 705

Ion Ratio Lower Upper

88 100

43 460766.4 20.7 31.1#

58 2004.1 52.0 78.0#



#50

Toluene-d8

Concen: 49.789 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057262.D

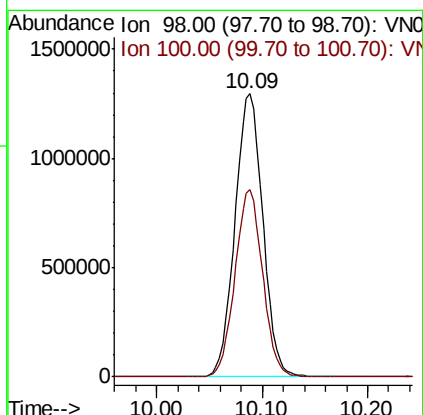
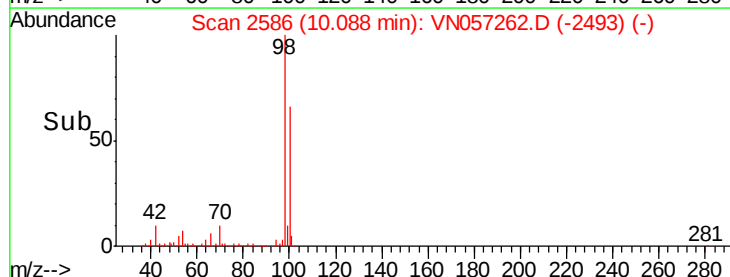
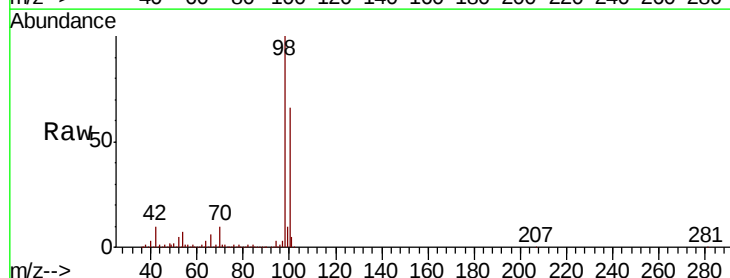
Acq: 13 Aug 2019 21:50

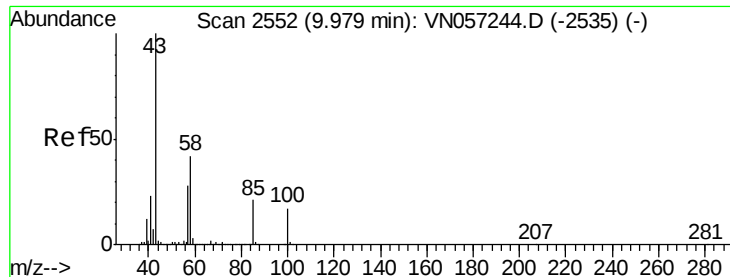
Tgt Ion: 98 Resp: 2377510

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.6

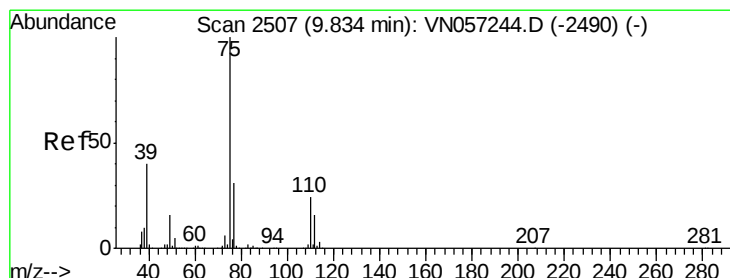
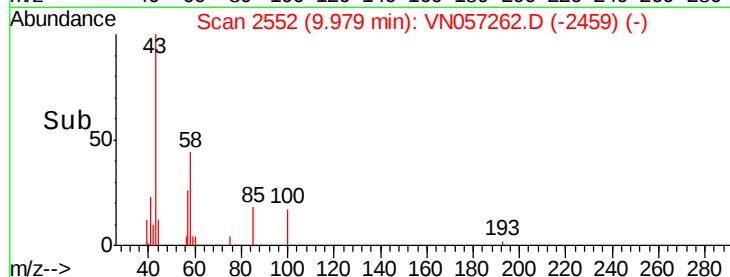
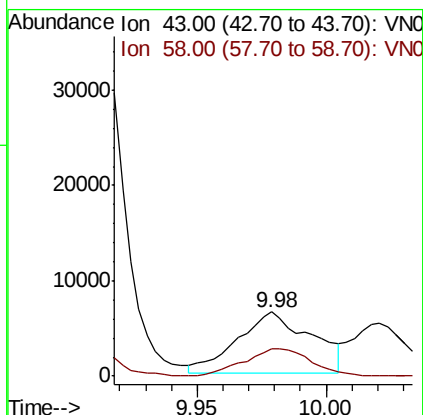
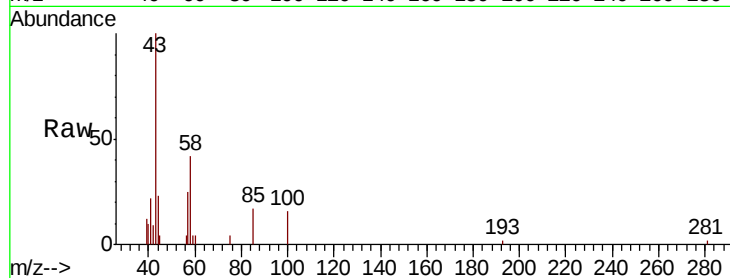




#51
 4-Methyl-2-Pentanone
 Concen: 0.920 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

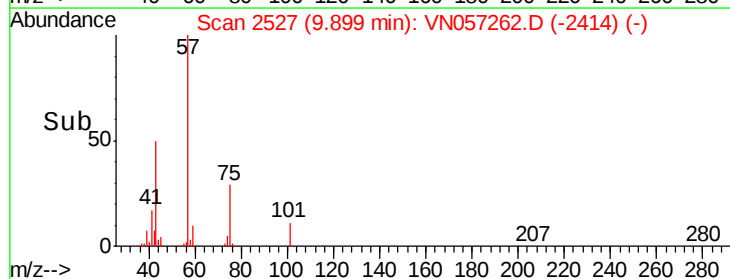
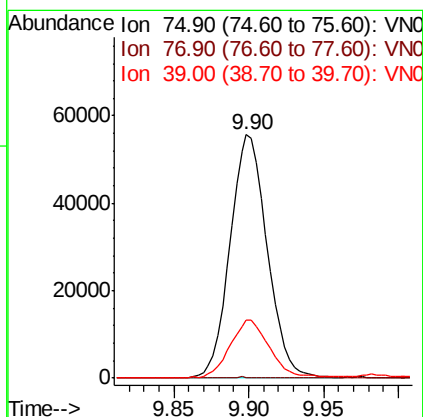
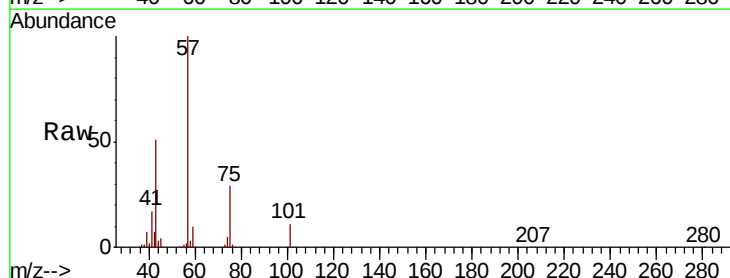
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A2-(0)

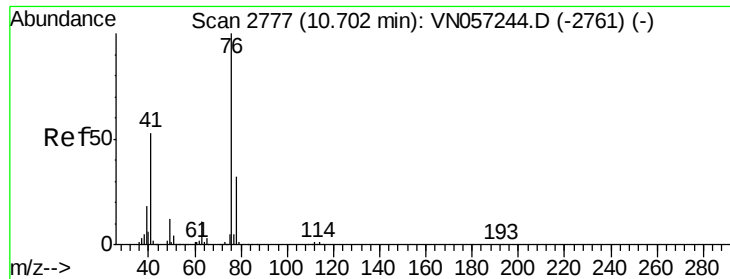
Tgt Ion: 43 Resp: 12820
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.7 50.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.450 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

Tgt Ion: 75 Resp: 96219
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.0 37.6#
 39 23.4 32.3 48.5#

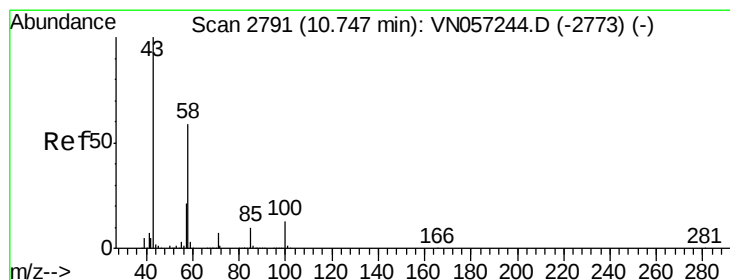
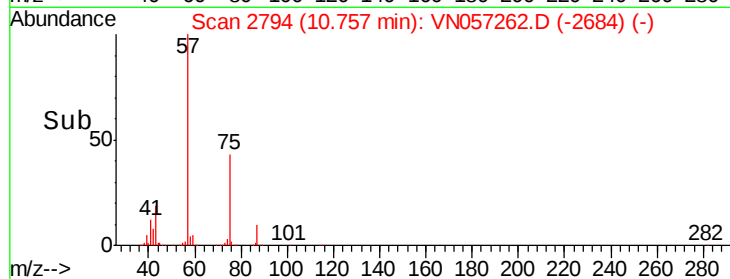
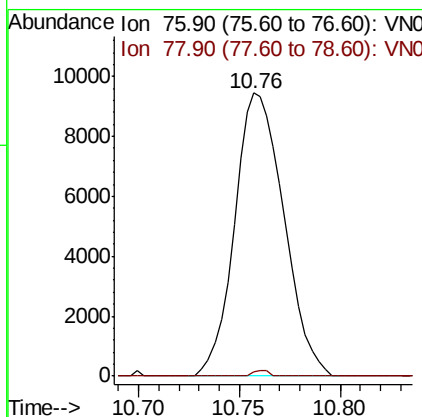
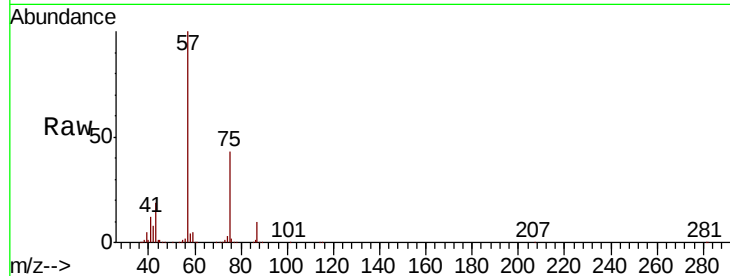




#57
 1,3-Dichloropropane
 Concen: 0.737 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.05 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

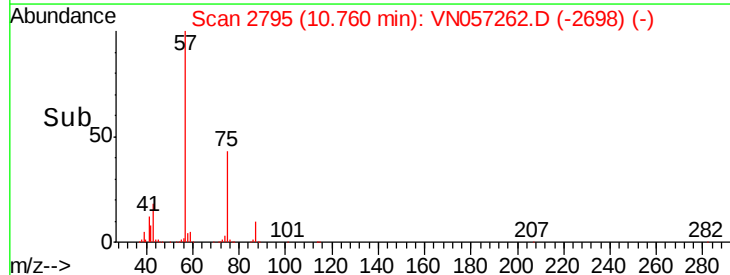
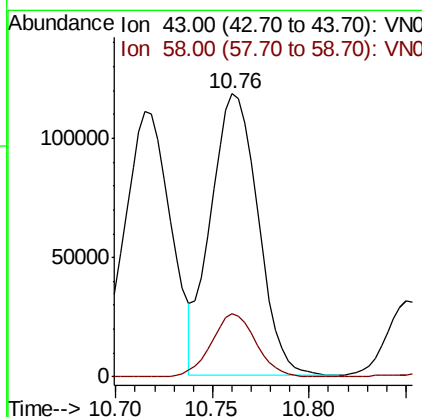
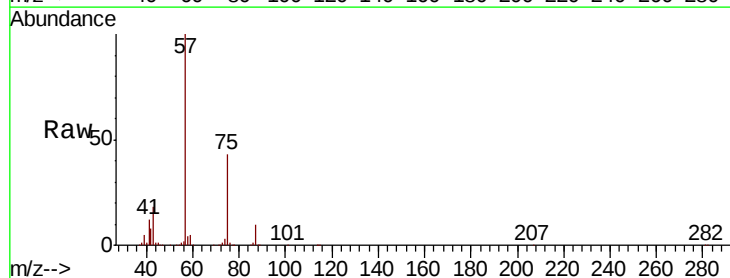
Instrument :
 MSVOA_N
 ClientSampled :
 R1-R2-A2-(0)

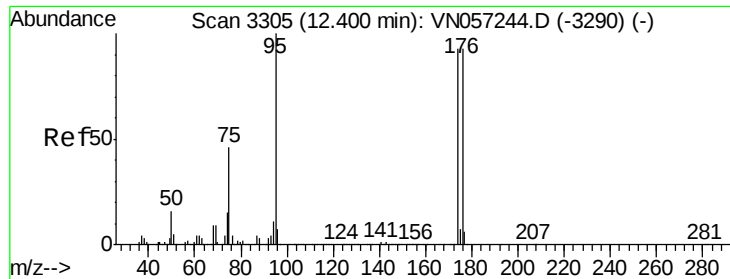
Tgt Ion: 76 Resp: 16091
 Ion Ratio Lower Upper
 76 100
 78 0.6 26.0 39.0#



#59
 2-Hexanone
 Concen: 20.316 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

Tgt Ion: 43 Resp: 200849
 Ion Ratio Lower Upper
 43 100
 58 21.3 29.1 87.4#

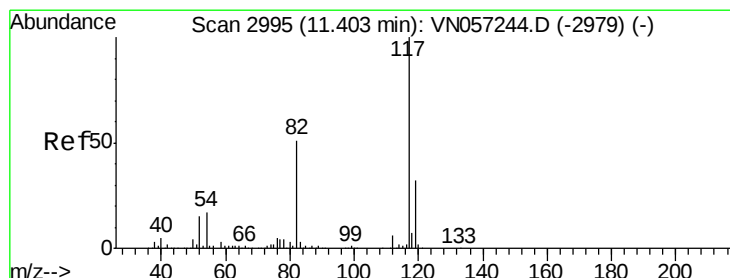
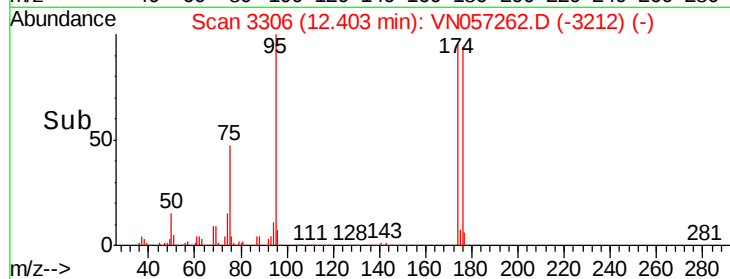
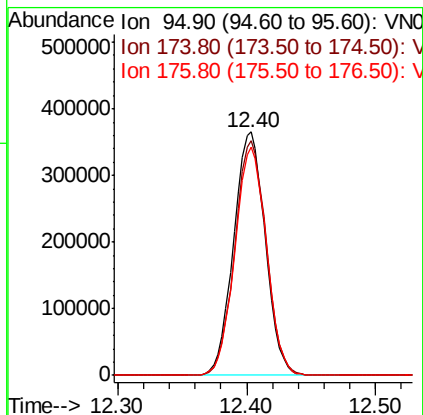
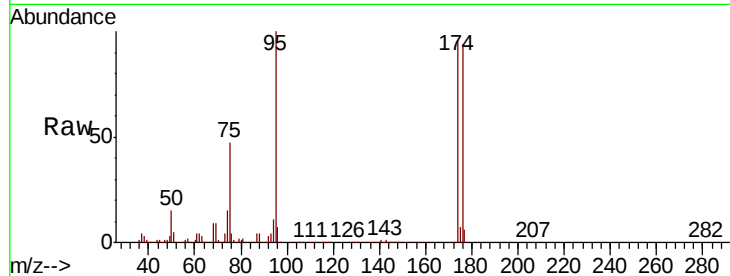




#62
4-Bromofluorobenzene
Concen: 37.929 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

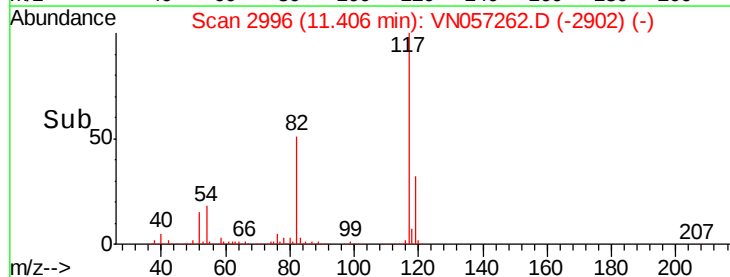
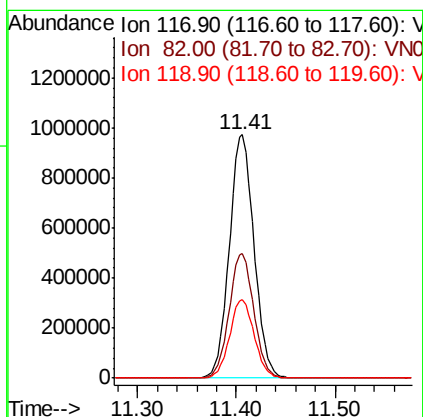
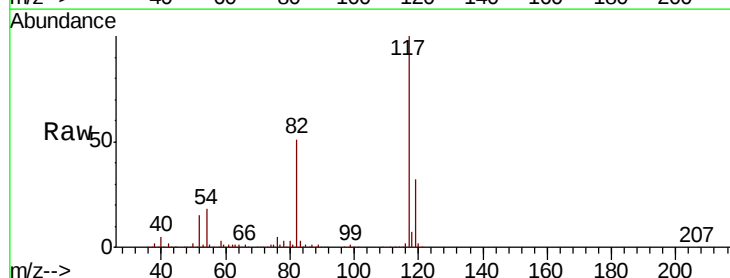
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-A2-(0)

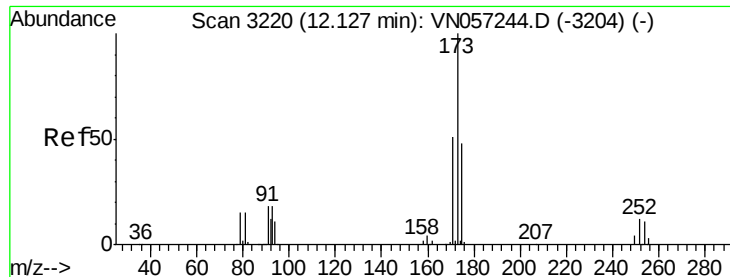
Tgt Ion: 95 Resp: 621120
Ion Ratio Lower Upper
95 100
174 96.3 0.0 187.6
176 93.5 0.0 185.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057262.D
Acq: 13 Aug 2019 21:50

Tgt Ion: 117 Resp: 1700644
Ion Ratio Lower Upper
117 100
82 51.2 40.9 61.3
119 32.2 25.4 38.2





#71

Bromoform

Concen: 0.230 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A2-(0)

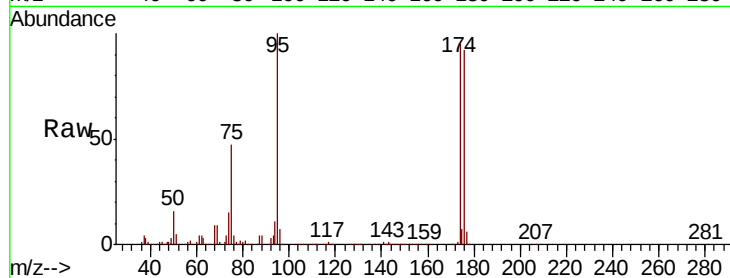
Tgt Ion:173 Resp: 2364

Ion Ratio Lower Upper

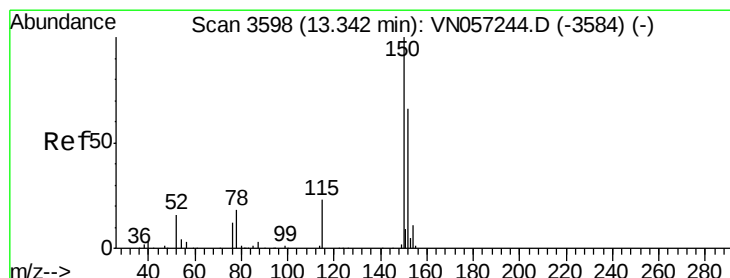
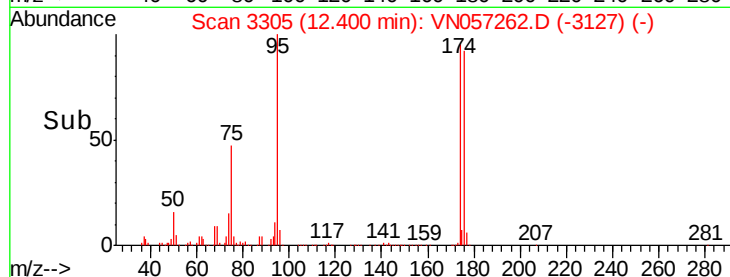
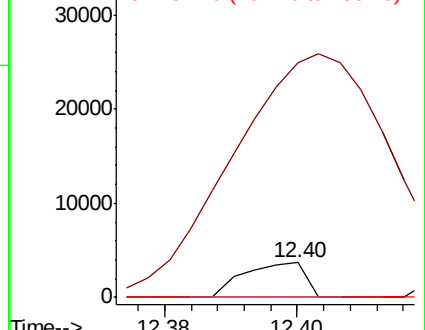
173 100

175 1621.7 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: VN057262.D

Acq: 13 Aug 2019 21:50

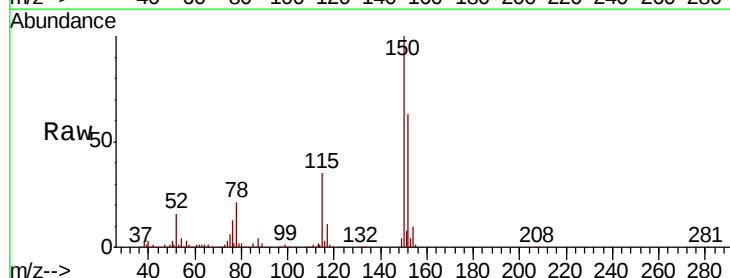
Tgt Ion:152 Resp: 421174

Ion Ratio Lower Upper

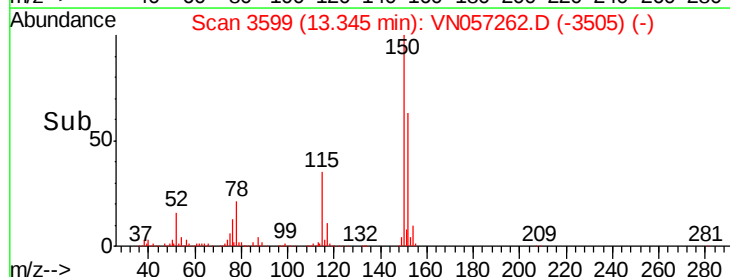
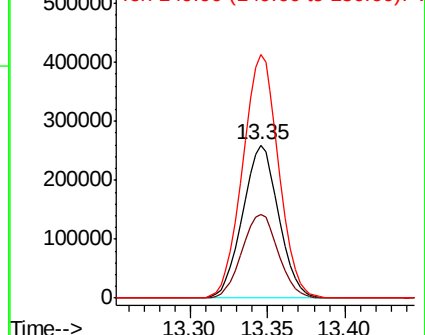
152 100

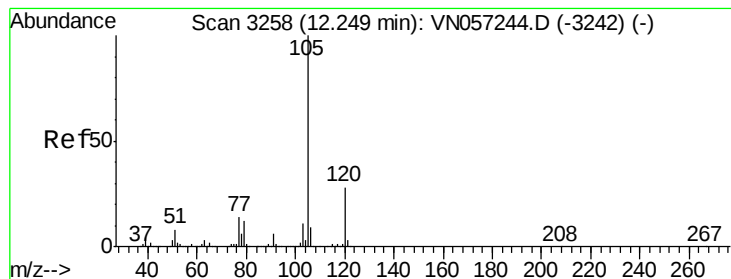
115 55.3 27.6 82.8

150 158.7 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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

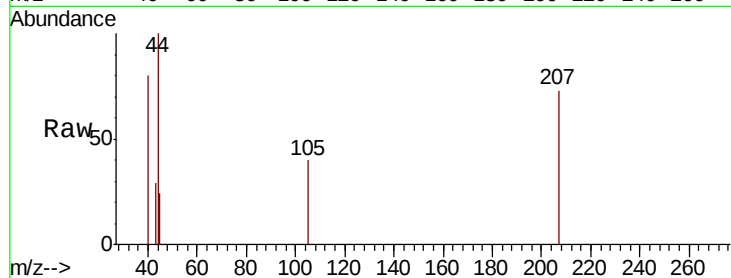
R1-R2-A2-(0)

Tgt Ion: 105 Resp: 186

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

12.26

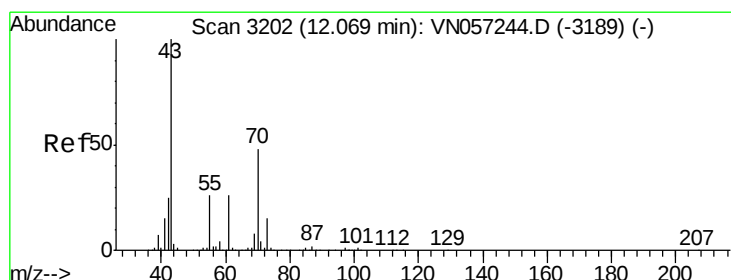
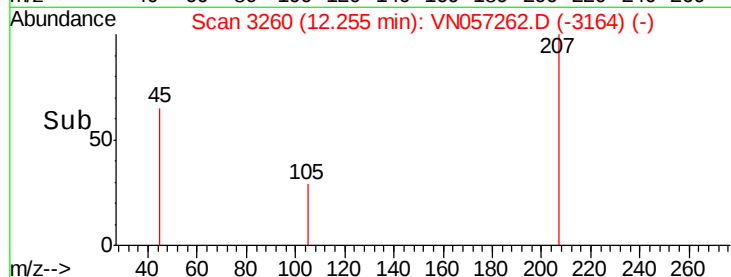
300

200

100

0

Time-->



#74

N-ethyl acetate

Concen: 0.444 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Tgt Ion: 43 Resp: 14712

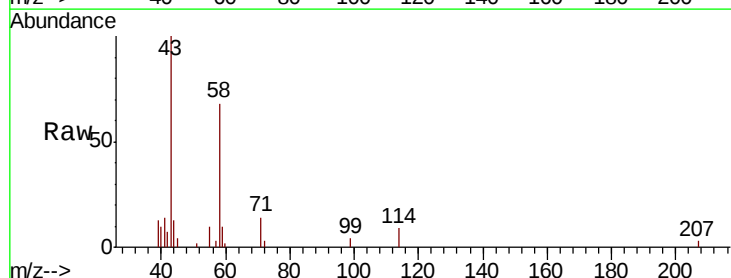
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.2#

55 8.8 21.0 31.4#

61 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12000

10000

8000

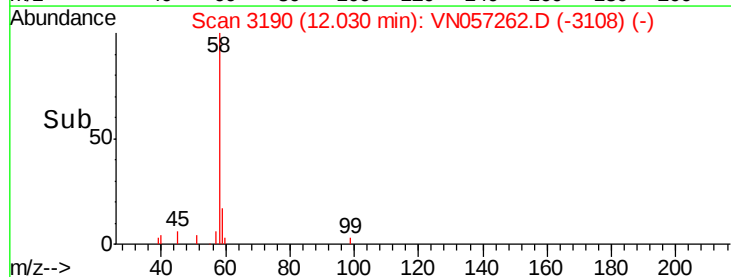
6000

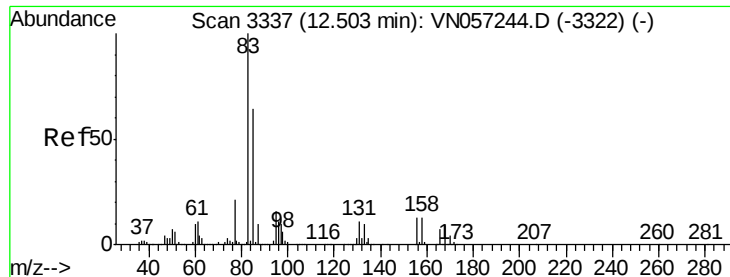
4000

2000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

R1-R2-A2-(0)

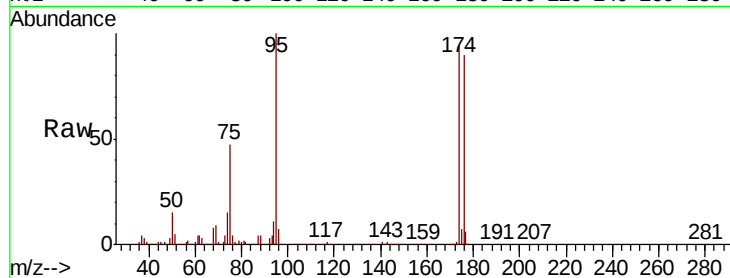
Tgt Ion: 83 Resp: 127

Ion Ratio Lower Upper

83 100

131 558.3 5.6 16.8#

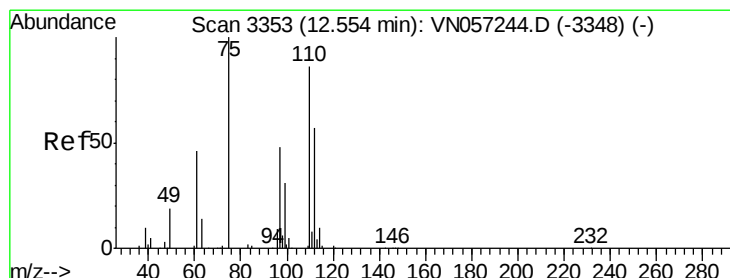
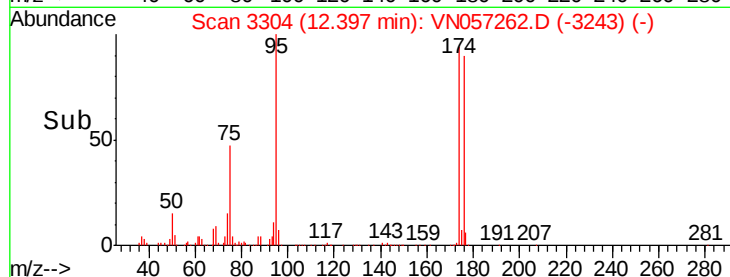
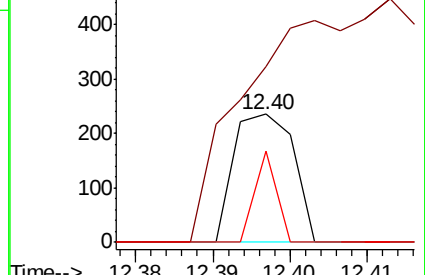
85 25.2 32.3 96.8#



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



#76

1,2,3-Trichloropropane

Concen: 38.178 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057262.D

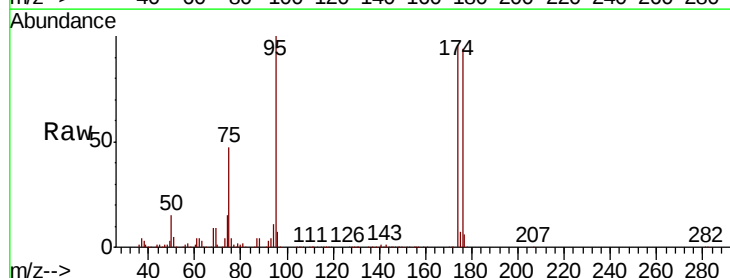
Acq: 13 Aug 2019 21:50

Tgt Ion: 75 Resp: 287610

Ion Ratio Lower Upper

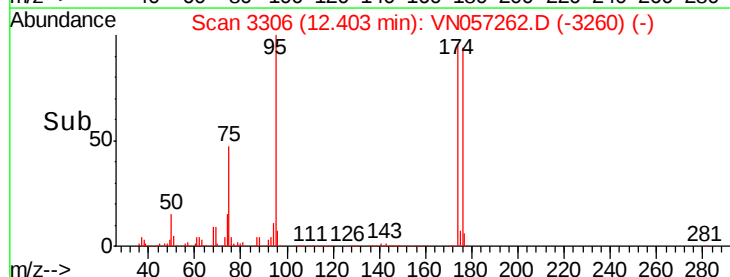
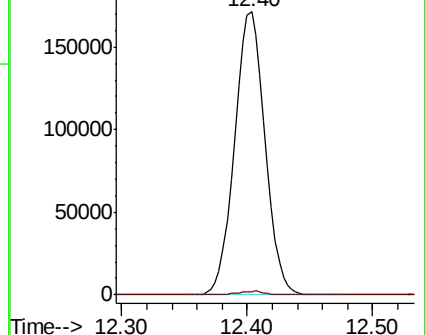
75 100

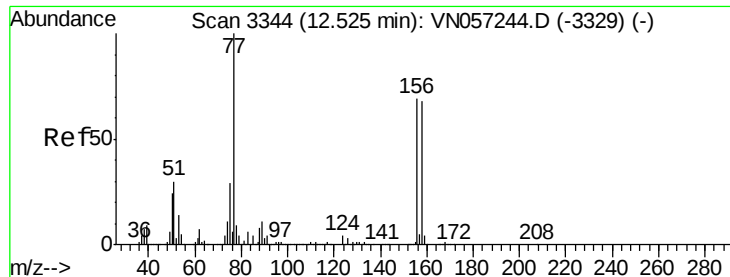
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.12 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

R1-R2-A2-(0)

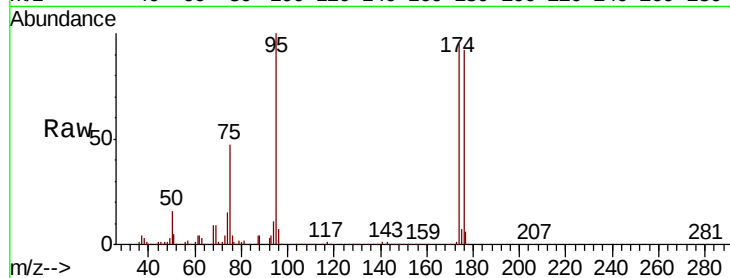
Tgt Ion:156 Resp: 85

Ion Ratio Lower Upper

156 100

77 3976.5 88.0 264.1#

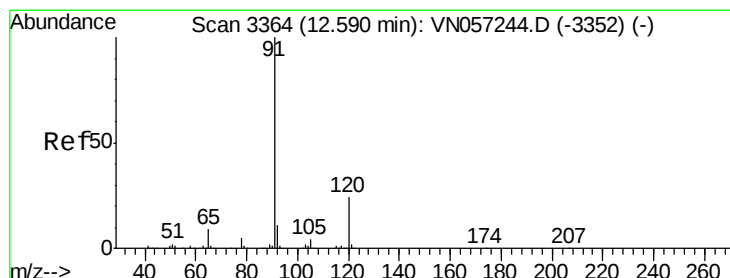
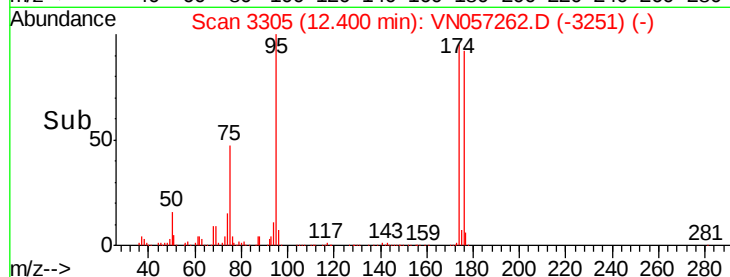
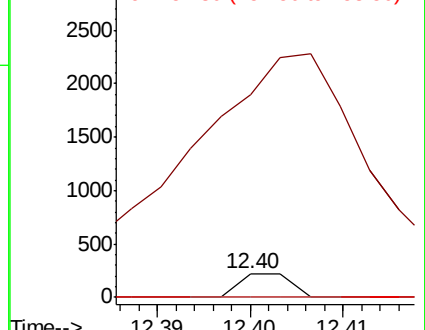
158 0.0 49.4 148.0#



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: VN057262.D

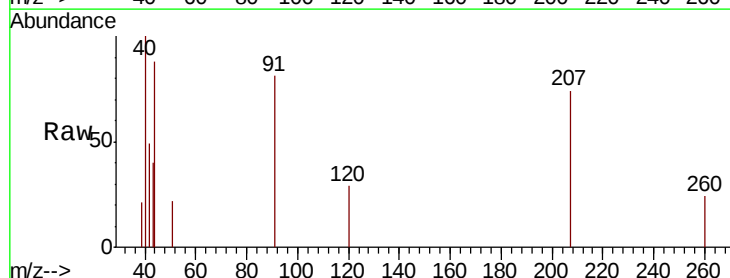
Acq: 13 Aug 2019 21:50

Tgt Ion: 91 Resp: 906

Ion Ratio Lower Upper

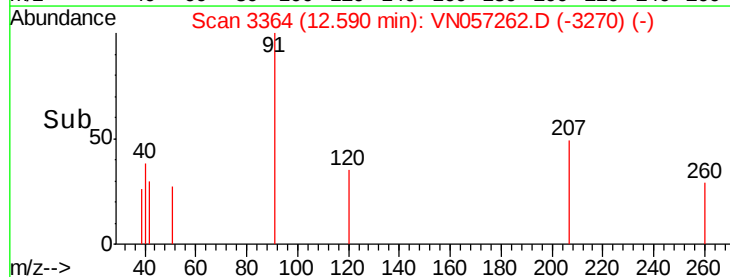
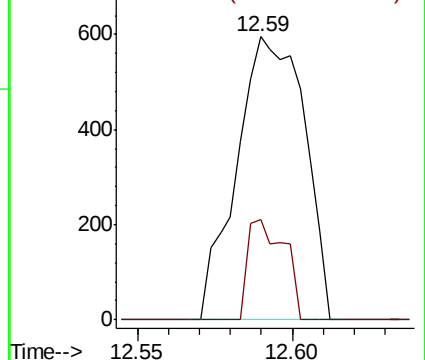
91 100

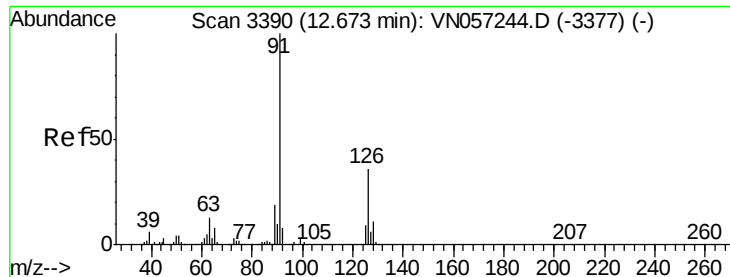
120 19.1 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

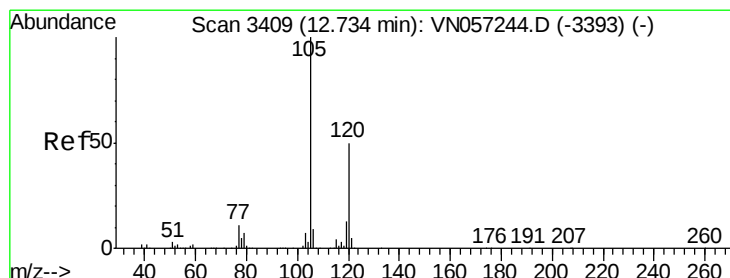
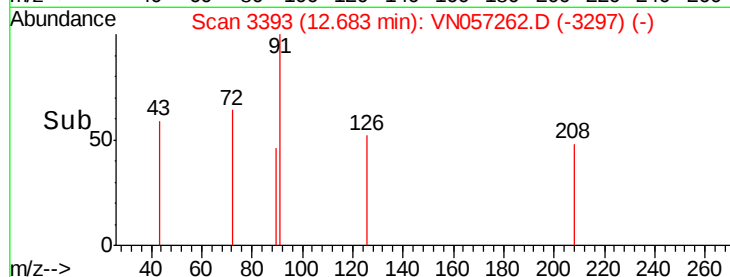
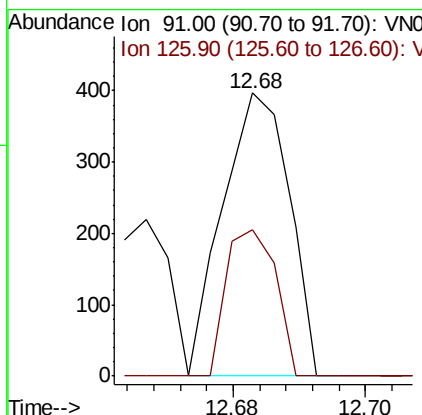
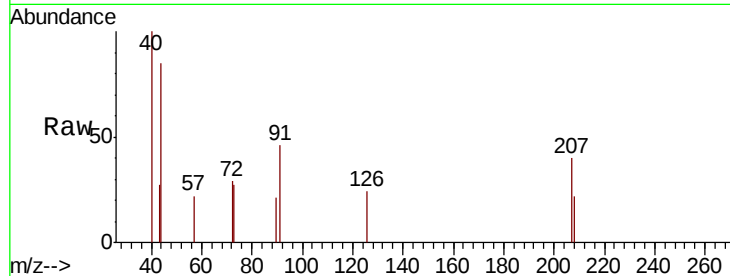




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3393
 Delta R.T. 0.01 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

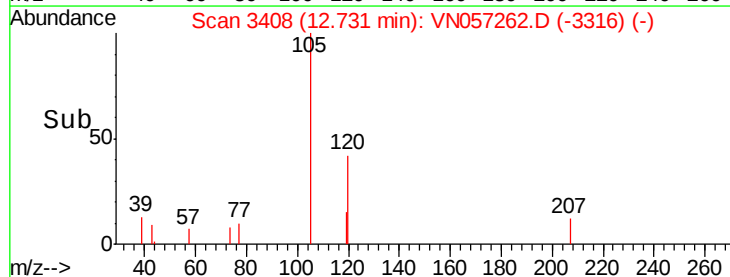
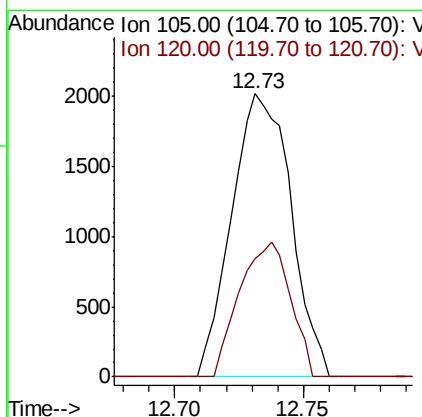
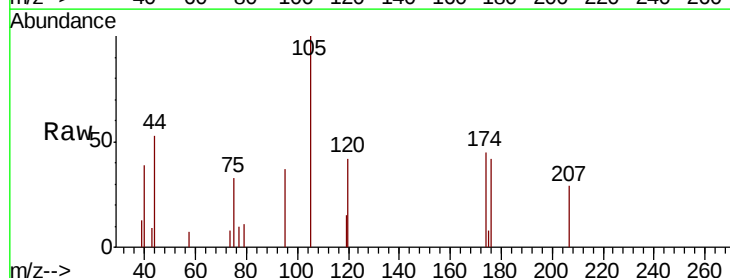
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A2-(0)

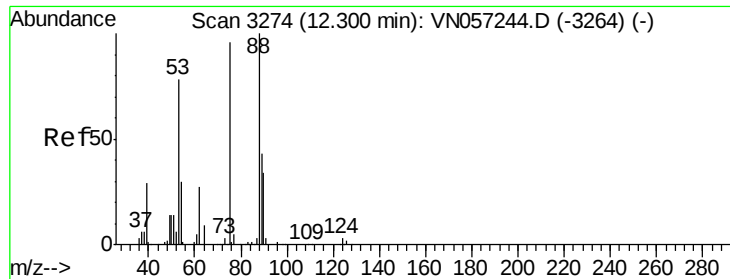
Tgt Ion: 91 Resp: 276
 Ion Ratio Lower Upper
 91 100
 126 38.8 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

Tgt Ion: 105 Resp: 3232
 Ion Ratio Lower Upper
 105 100
 120 40.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 91.723 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A2-(0)

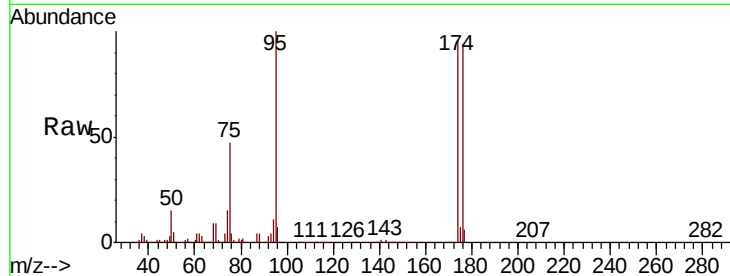
Tgt Ion: 75 Resp: 287610

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.6#

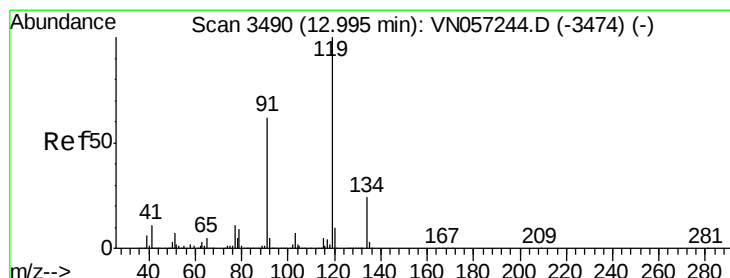
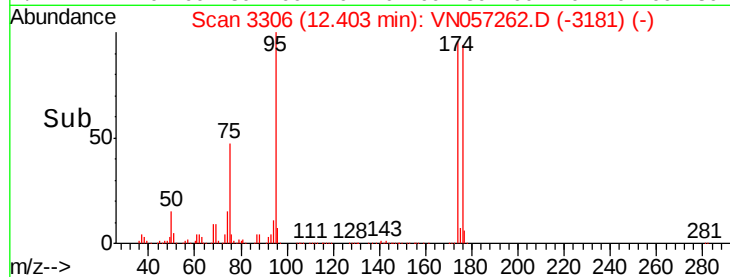
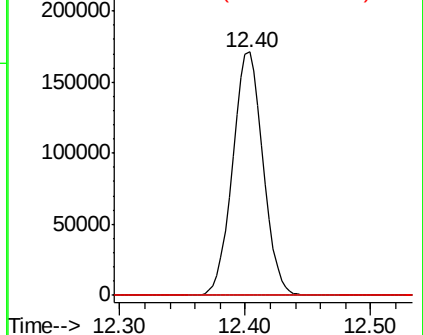
89 0.0 36.7 55.1#



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: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

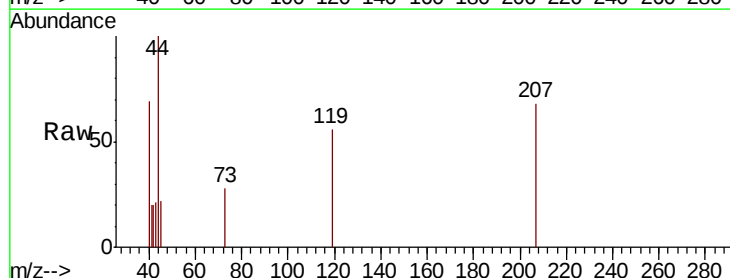
Tgt Ion: 119 Resp: 479

Ion Ratio Lower Upper

119 100

91 24.8 30.8 92.3#

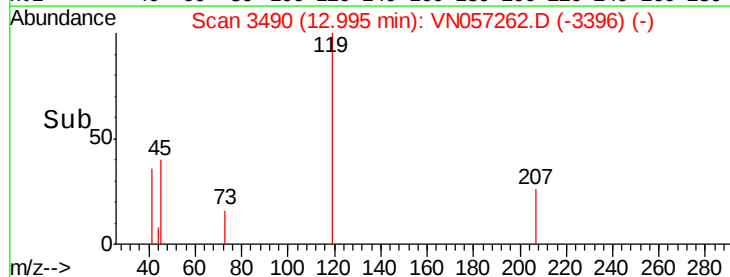
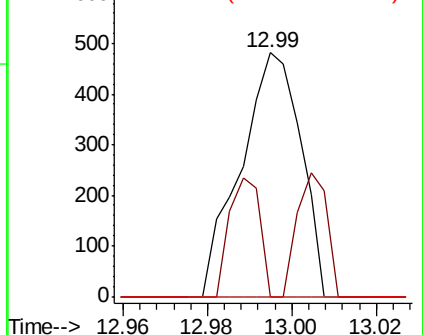
134 0.0 12.9 38.7#

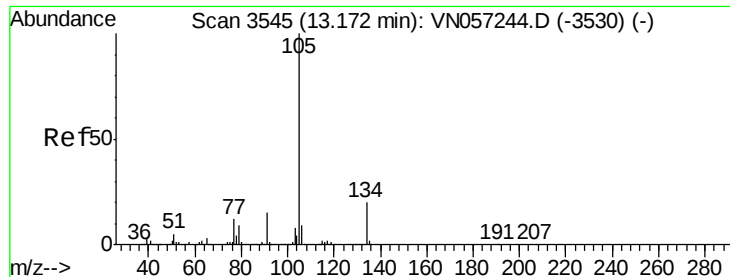


Abundance Ion 119.00 (118.70 to 119.70): V

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# 3544

Delta R.T. -0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

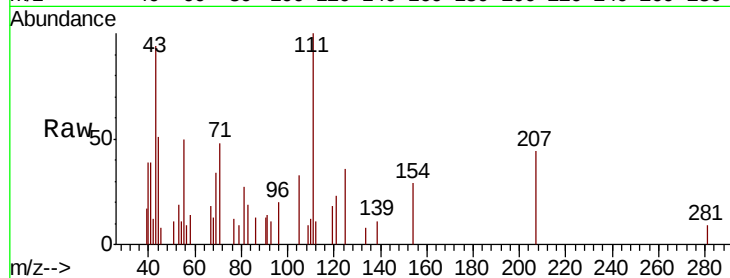
R1-R2-A2-(0)

Tgt Ion:105 Resp: 759

Ion Ratio Lower Upper

105 100

134 17.0 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

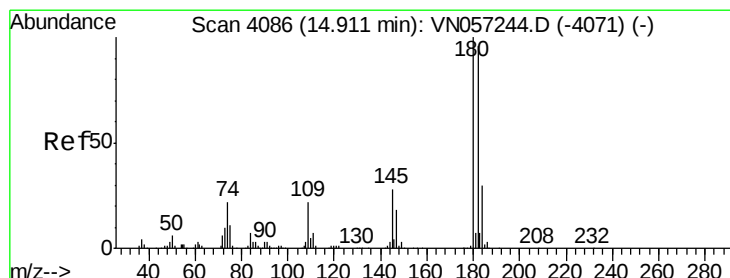
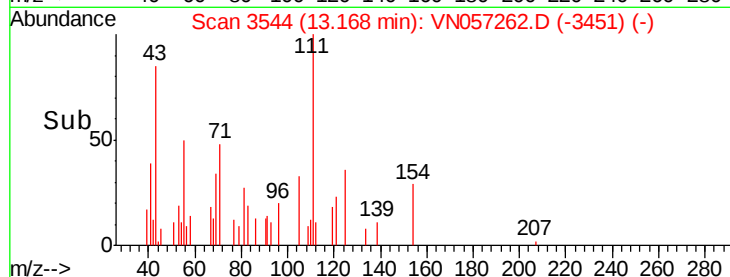
600

400

200

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.327 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

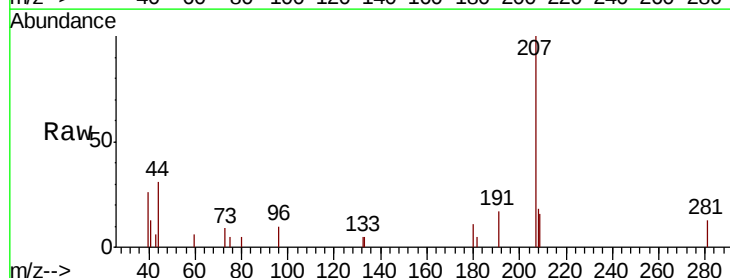
Tgt Ion:180 Resp: 481

Ion Ratio Lower Upper

180 100

182 55.1 47.7 143.1

145 0.0 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

500

400

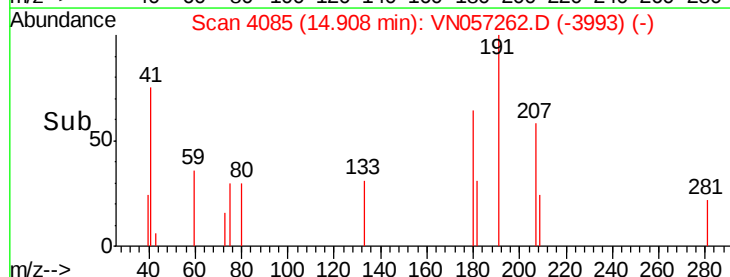
300

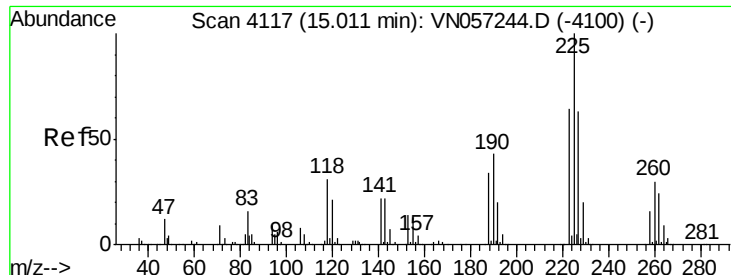
200

100

0

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.01 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-A2-(0)

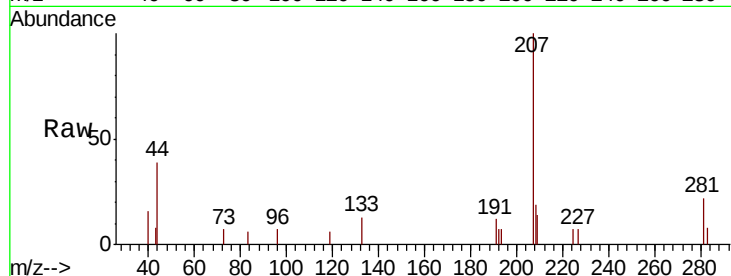
Tgt Ion: 225 Resp: 69

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.2#

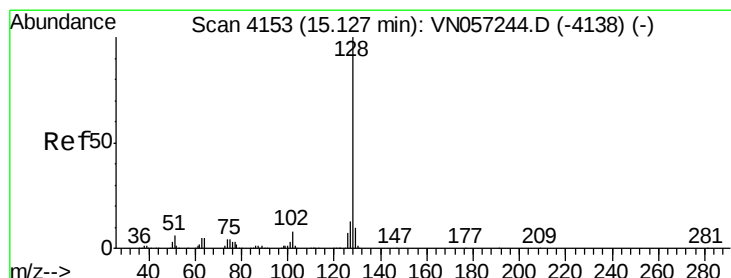
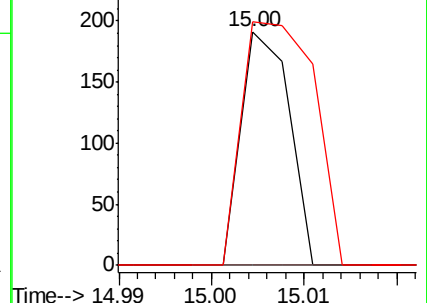
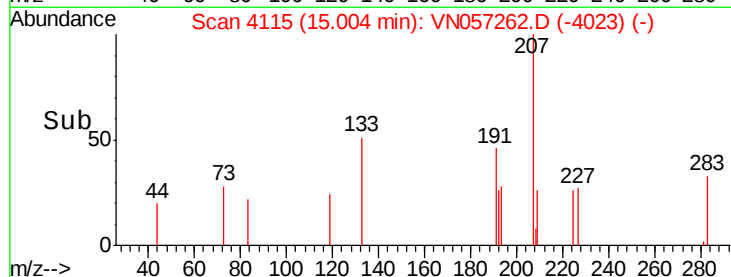
227 156.5 31.4 94.3#



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: 15.12 min Scan# 4151

Delta R.T. -0.01 min

Lab File: VN057262.D

Acq: 13 Aug 2019 21:50

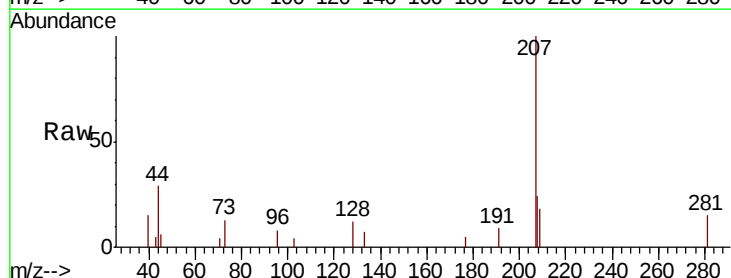
Tgt Ion: 128 Resp: 329

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

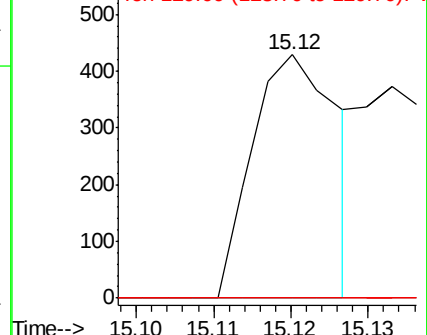
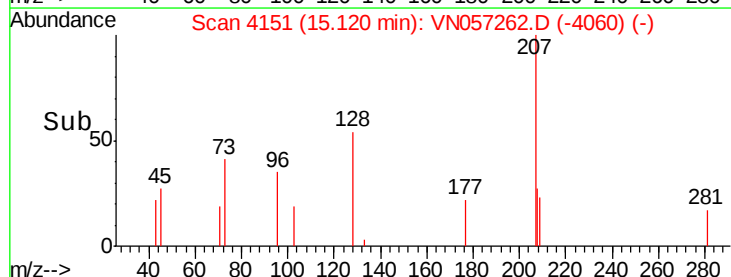
129 0.0 8.5 12.7#

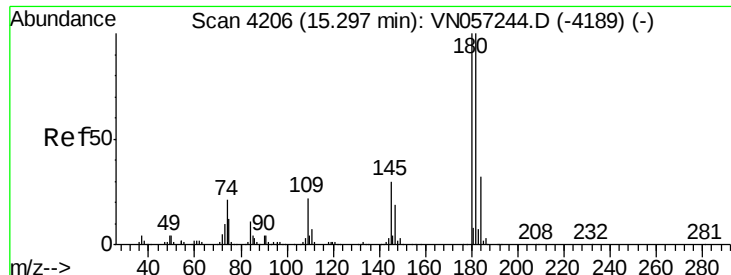


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.300 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.01 min
 Lab File: VN057262.D
 Acq: 13 Aug 2019 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-A2-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	48.9	146.7
145	0.0	15.0	45.1#

