

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
 Data File : VN057339.D
 Acq On : 15 Aug 2019 18:18
 Operator : JC/SP
 Sample : K4264-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G3-(3)

Quant Time: Aug 16 02:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

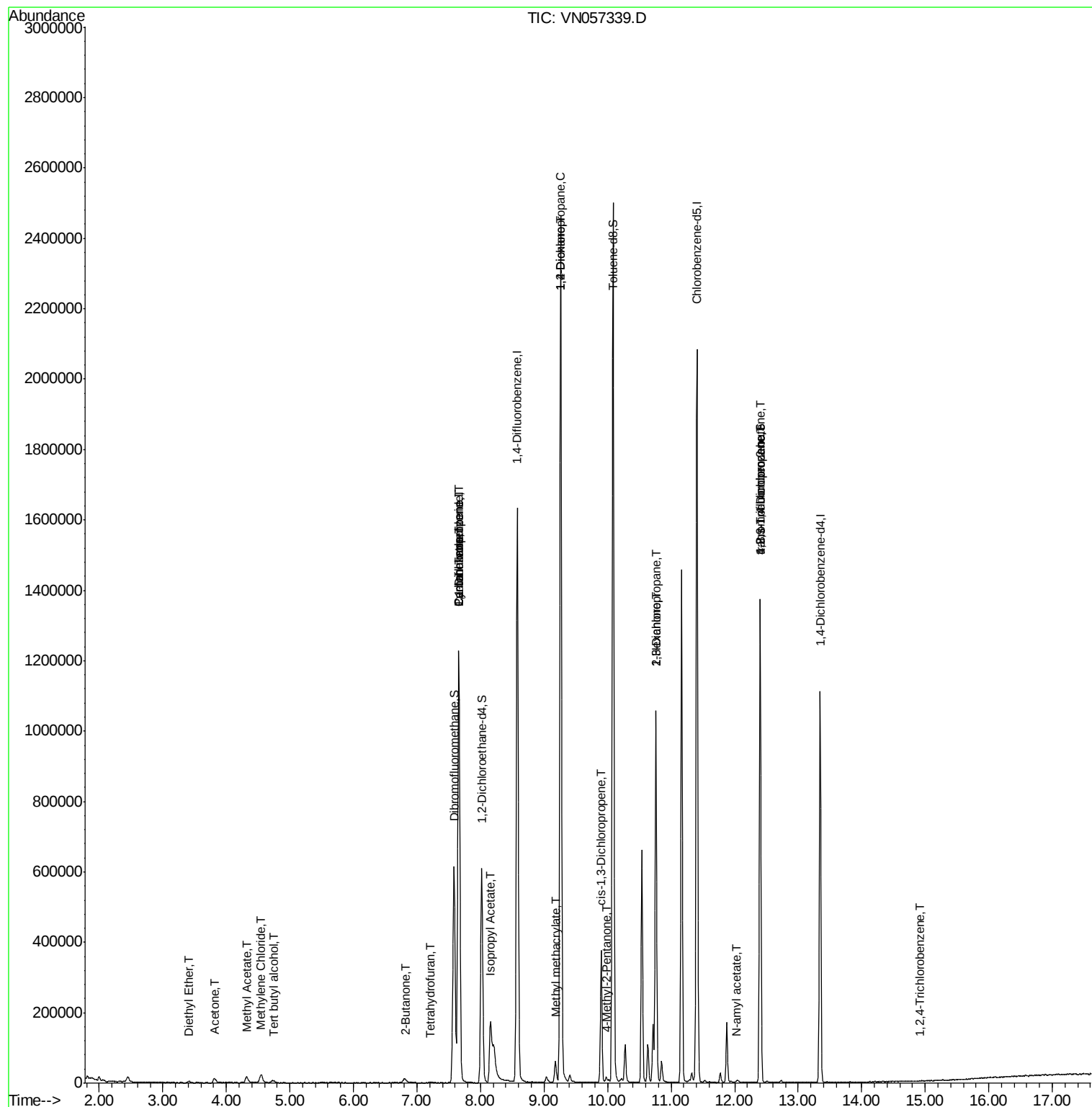
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1118847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1570578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1307597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	331139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	525852	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
35) Dibromofluoromethane	7.58	113	470066	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
50) Toluene-d8	10.08	98	1836055	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	473894	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.22%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	2941	0.466	ug/l #	51
11) Tert butyl alcohol	4.74	59	3889	2.249	ug/l #	73
16) Acetone	3.81	43	19983	4.736	ug/l	99
18) Methyl Acetate	4.32	43	33869	0.614	ug/l	96
20) Methylene Chloride	4.55	84	19519	1.653	ug/l	91
25) 2-Butanone	6.83	43	3931	0.643	ug/l	94
29) Tetrahydrofuran	7.21	42	1189	0.307	ug/l #	85
31) Cyclohexane	7.66	56	16959	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	67318	4.854	ug/l #	48
38) Carbon Tetrachloride	7.66	117	95761	6.646	ug/l #	16
43) Isopropyl Acetate	8.16	43	217586	9.563	ug/l #	82
45) 1,2-Dichloropropane	9.26	63	3431	0.314	ug/l #	44
48) Methyl methacrylate	9.18	41	8233	0.880	ug/l #	11
49) 1,4-Dioxane	9.26	88	379	1.927	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7301	0.623	ug/l #	83
54) cis-1,3-Dichloropropene	9.90	75	73393	4.258	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	11905	0.686	ug/l #	44
59) 2-Hexanone	10.76	43	150159	17.825	ug/l #	51
73) Isopropylbenzene	12.25	105	236	Below Cal	#	49
74) N-amyl acetate	12.03	43	4510	0.469	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.40	83	210	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	222172	33.457	ug/l #	100
77) Bromobenzene	12.42	156	60	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	114	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2285	Below Cal		93
81) trans-1,4-Dichloro-2-buten	12.40	75	222172	81.812	ug/l #	15
83) tert-Butylbenzene	12.99	119	63	Below Cal	#	28
85) sec-Butylbenzene	13.18	105	217	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	70	5.370	ug/l #	87
95) Naphthalene	15.13	128	244	Below Cal	#	69

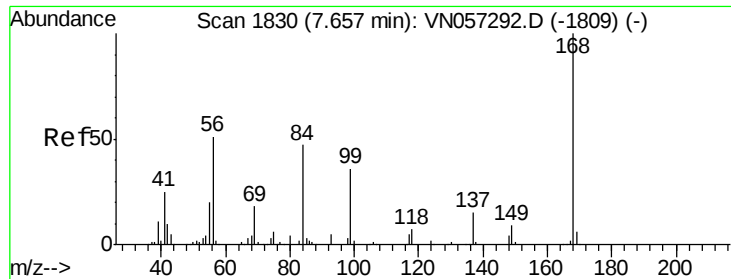
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057339.D

Acq: 15 Aug 2019 18:18

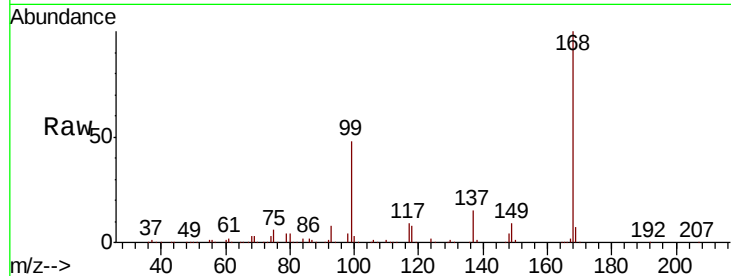
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

Tgt Ion:168 Resp: 1118847

Ion Ratio Lower Upper

168 100

99 48.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

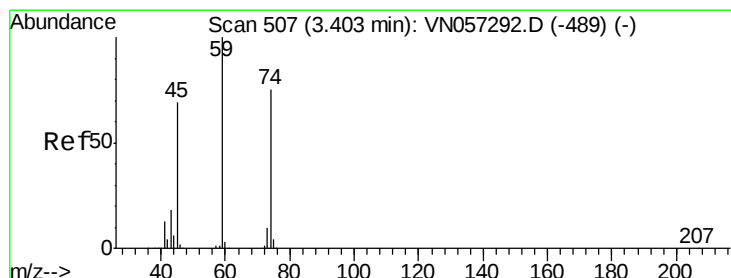
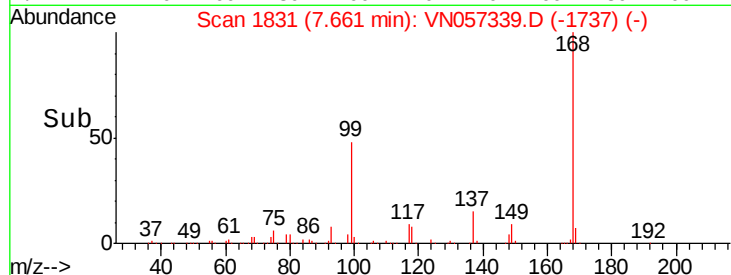
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.466 ug/l

RT: 3.41 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN057339.D

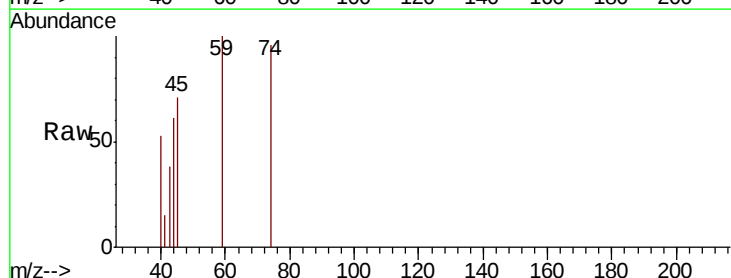
Acq: 15 Aug 2019 18:18

Tgt Ion: 74 Resp: 2941

Ion Ratio Lower Upper

74 100

45 45.0 45.9 137.6#



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

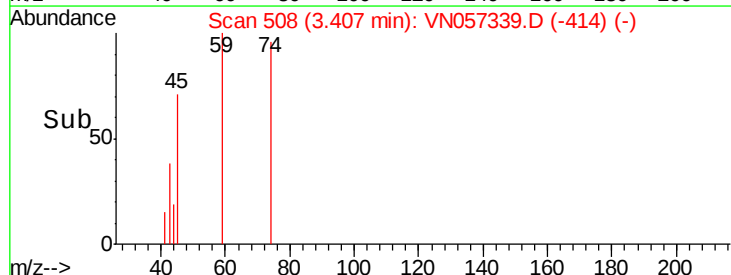
1500

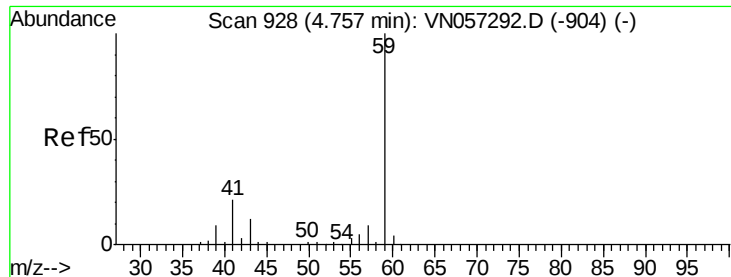
1000

500

0

Time-->

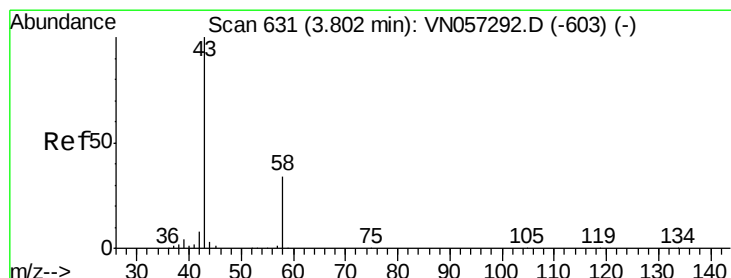
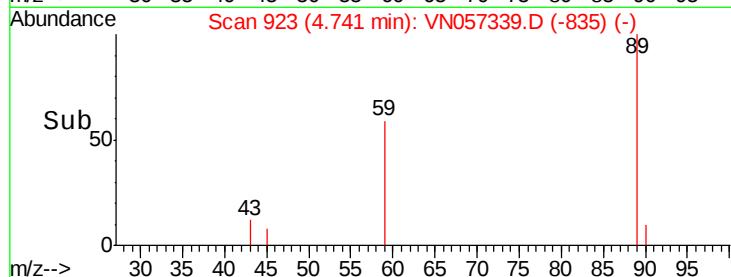
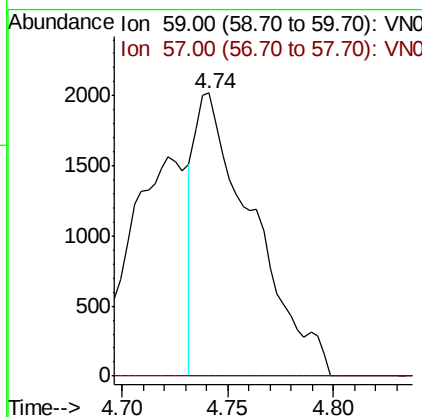
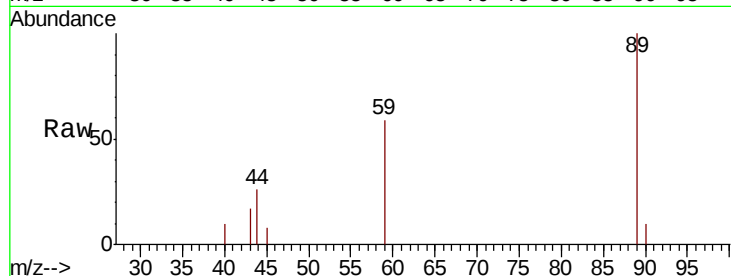




#11
Tert butyl alcohol
Concen: 2.249 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.02 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

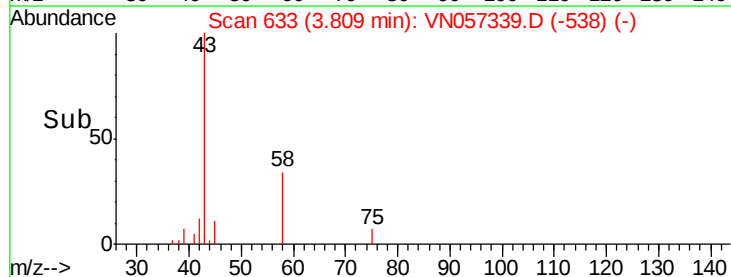
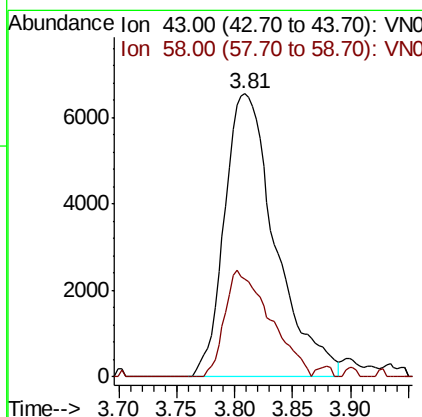
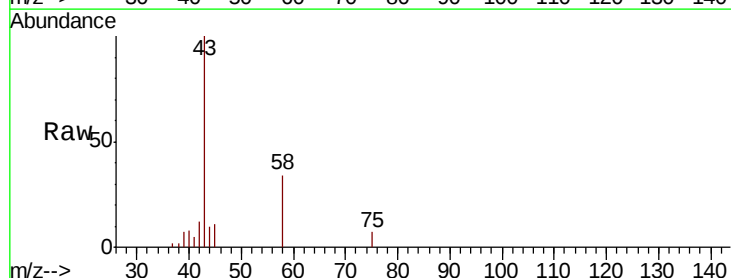
Instrument :
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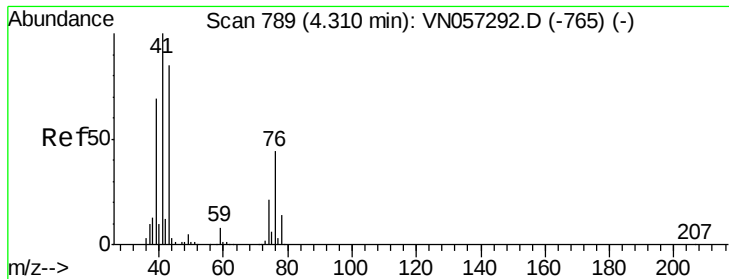
Tgt Ion: 59 Resp: 3889
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 4.736 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Tgt Ion: 43 Resp: 19983
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.6

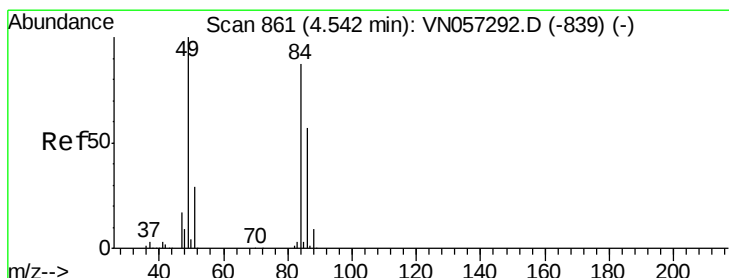
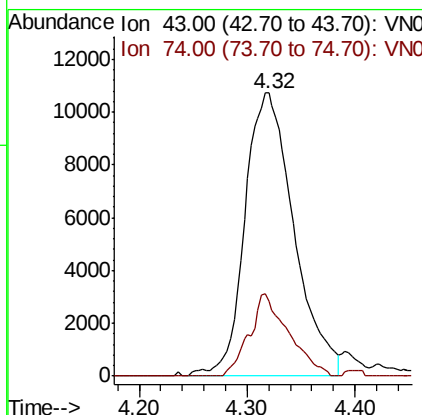
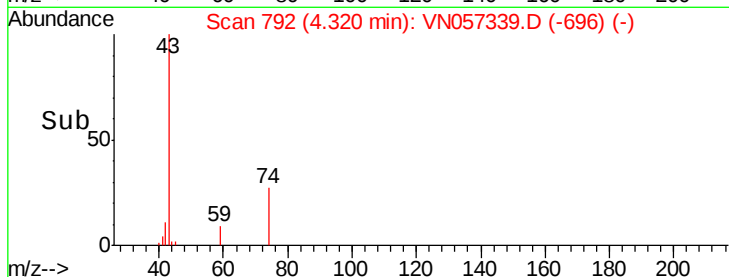
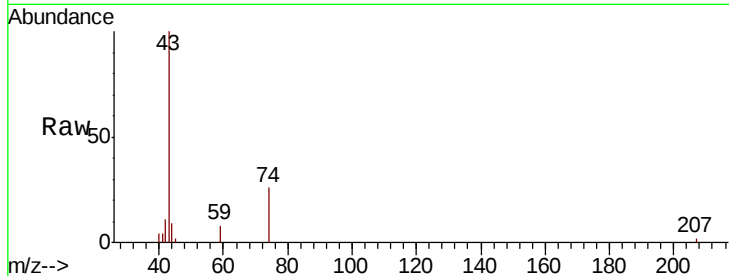




#18
Methyl Acetate
Concen: 0.614 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

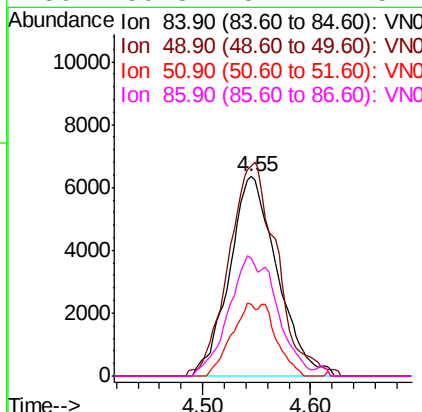
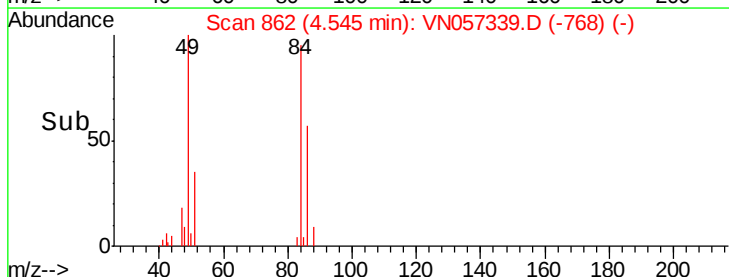
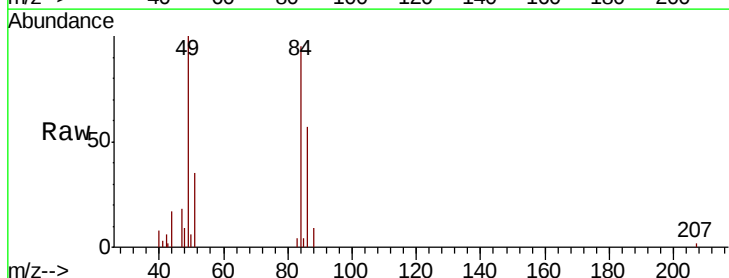
Instrument :
MSVOA_N
ClientSampleId :
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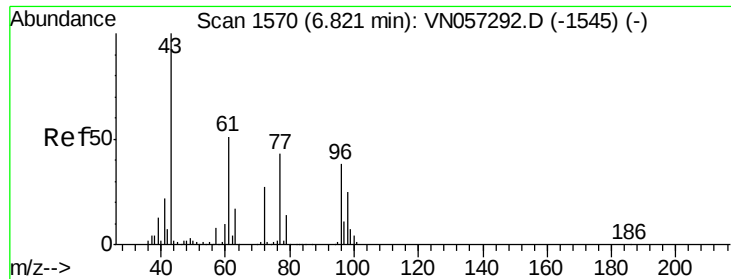
Tgt Ion: 43 Resp: 33869
Ion Ratio Lower Upper
43 100
74 23.3 20.2 30.2



#20
Methylene Chloride
Concen: 1.653 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Tgt Ion: 84 Resp: 19519
Ion Ratio Lower Upper
84 100
49 102.2 92.0 138.0
51 36.2 27.1 40.7
86 59.3 52.2 78.2

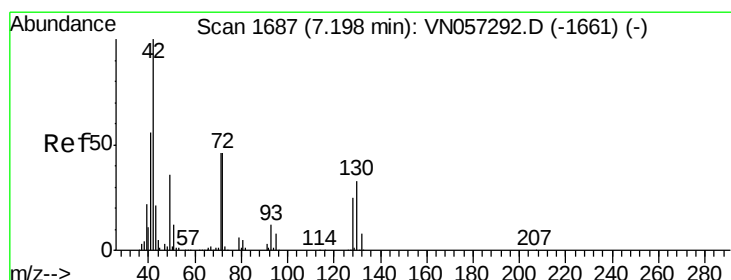
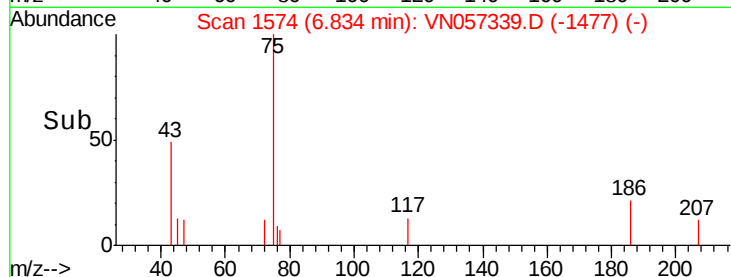
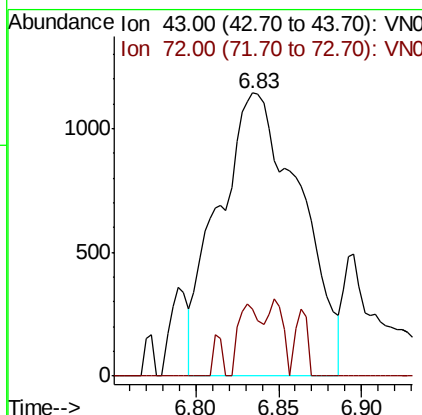
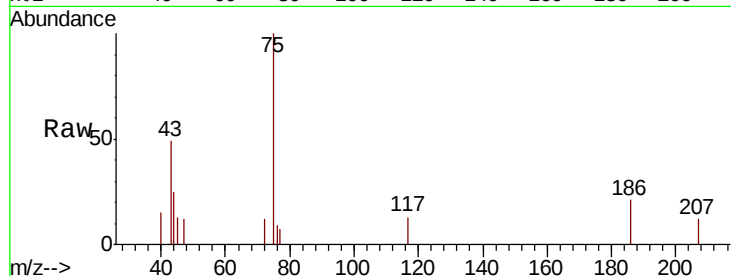




#25
2-Butanone
Concen: 0.643 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

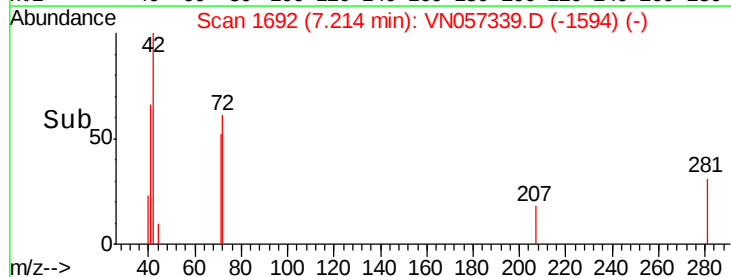
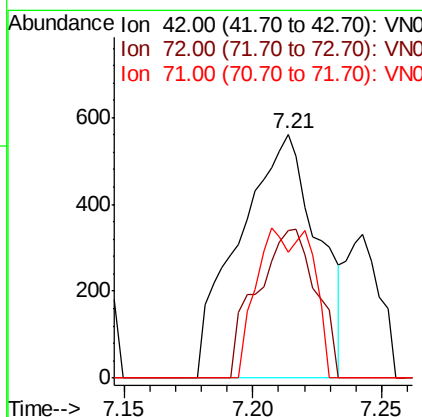
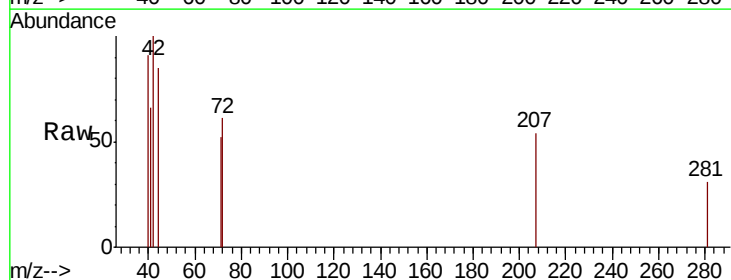
Instrument :
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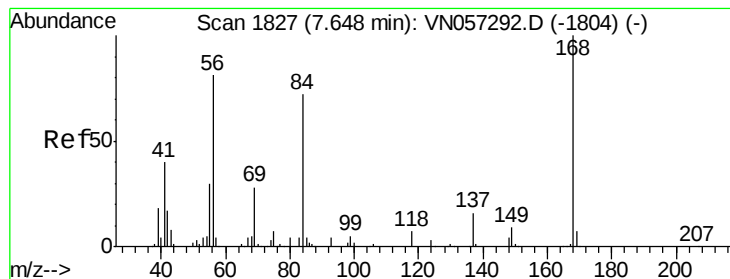
Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
72 30.0 21.5 32.3



#29
Tetrahydrofuran
Concen: 0.307 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Tgt Ion: 42 Resp: 1189
Ion Ratio Lower Upper
42 100
72 46.1 37.8 56.6
71 26.1 35.7 53.5#





#31

Cyclohexane

Concen: 1.023 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

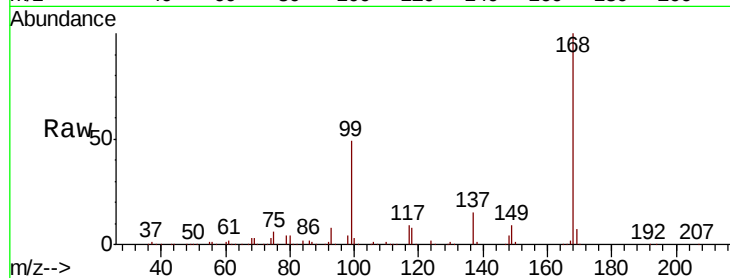
Tgt Ion: 56 Resp: 16959

Ion Ratio Lower Upper

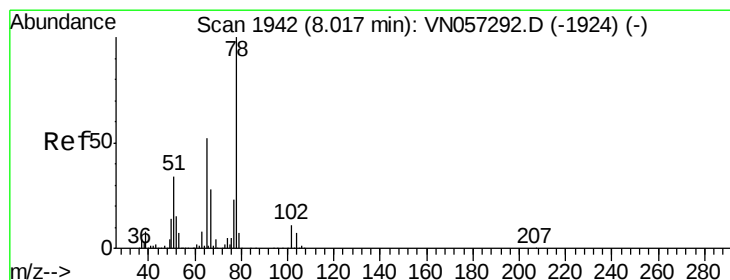
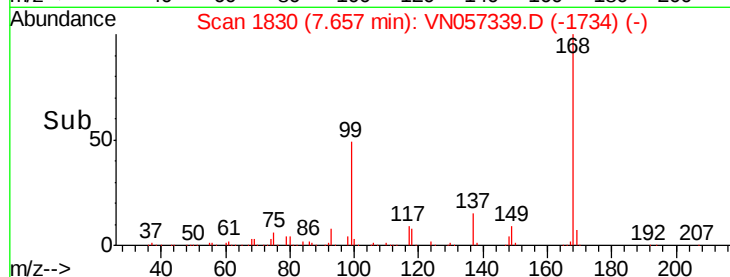
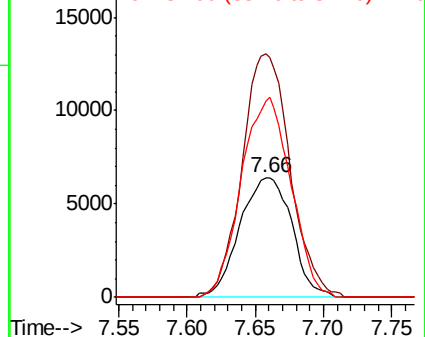
56 100

69 203.1 27.3 40.9#

84 164.0 71.0 106.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 43.233 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057339.D

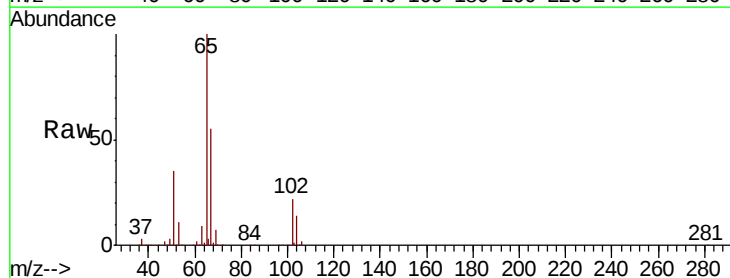
Acq: 15 Aug 2019 18:18

Tgt Ion: 65 Resp: 525852

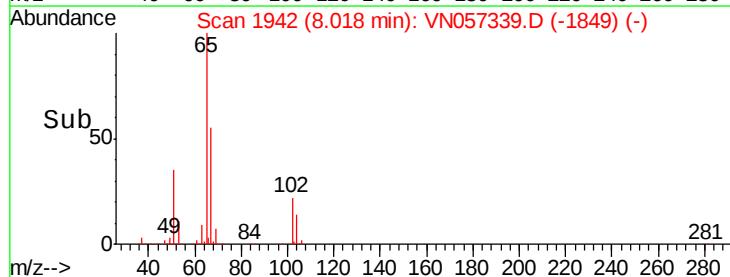
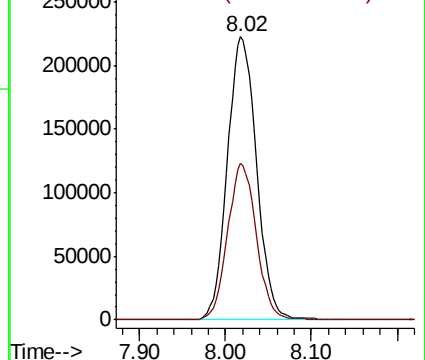
Ion Ratio Lower Upper

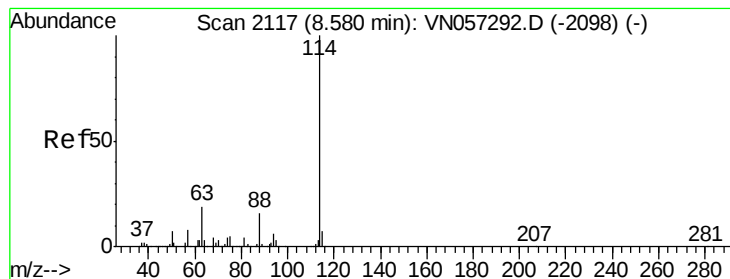
65 100

67 54.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057339.D

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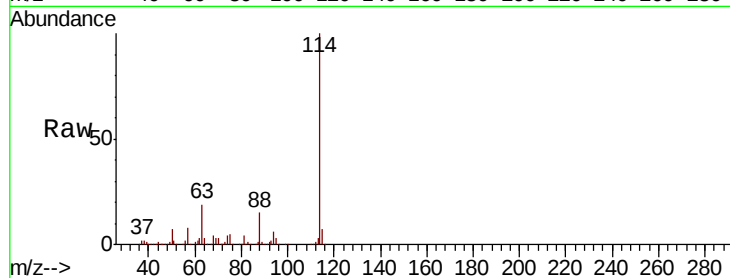
Tgt Ion:114 Resp: 1570578

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

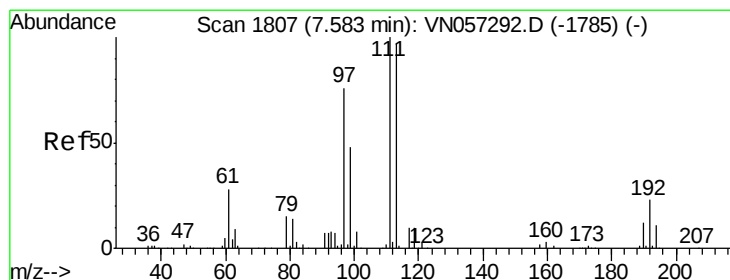
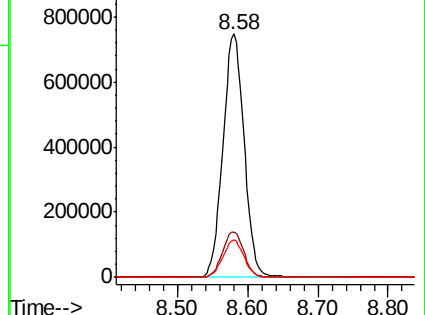
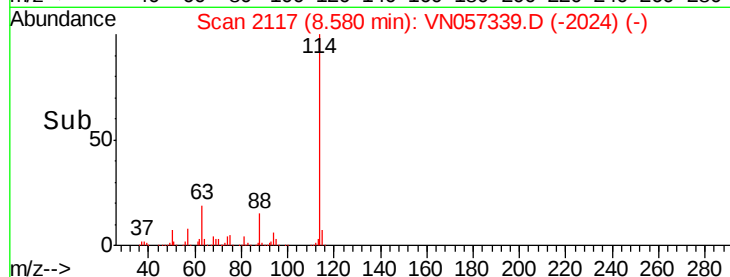
88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.658 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

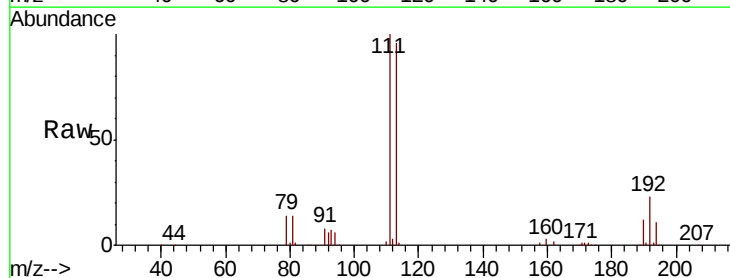
Tgt Ion:113 Resp: 470066

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

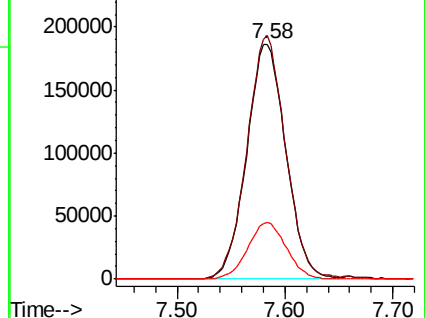
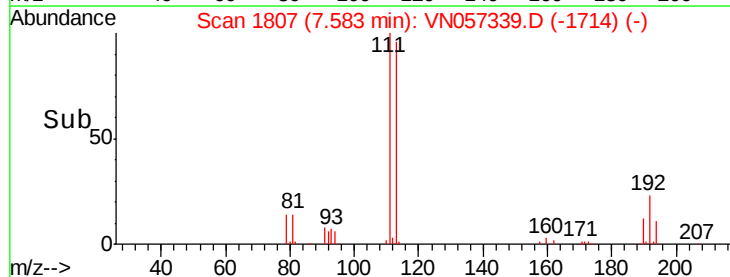
192 23.8 19.3 28.9

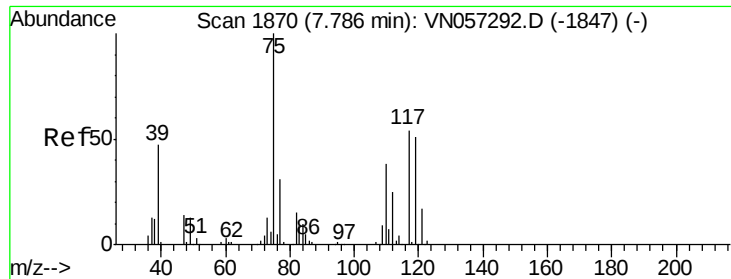


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

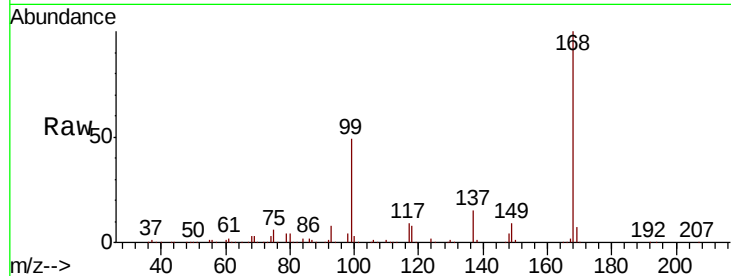




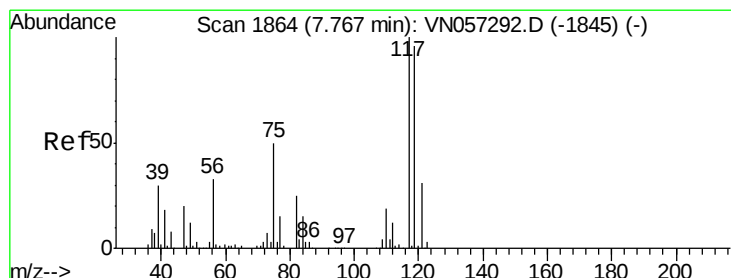
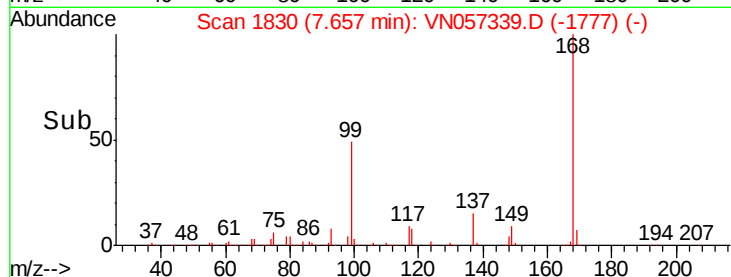
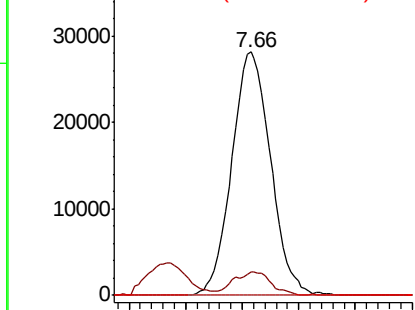
#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057339.D
 Acq: 15 Aug 2019 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G3-(3)

Tgt Ion: 75 Resp: 67318
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 25.0 37.6#

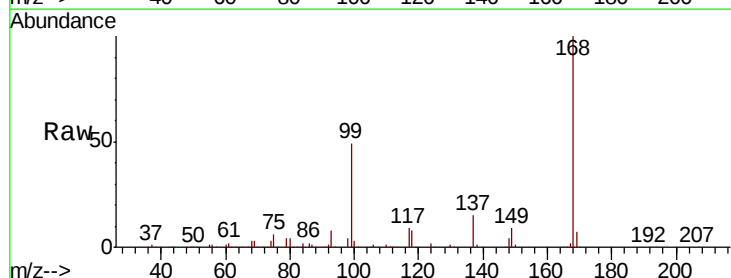


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

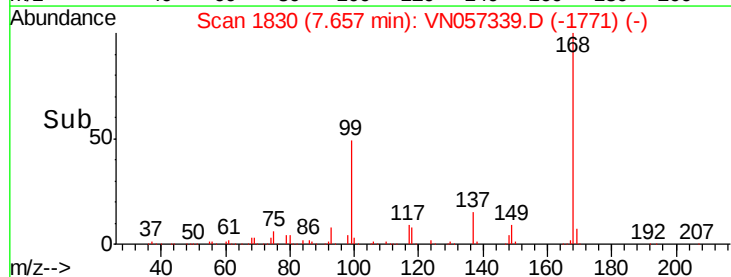
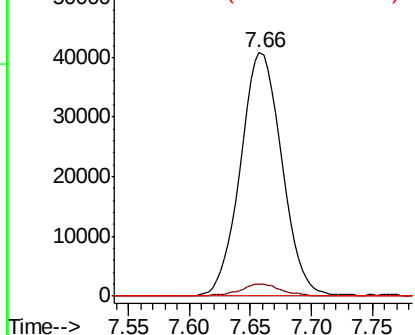


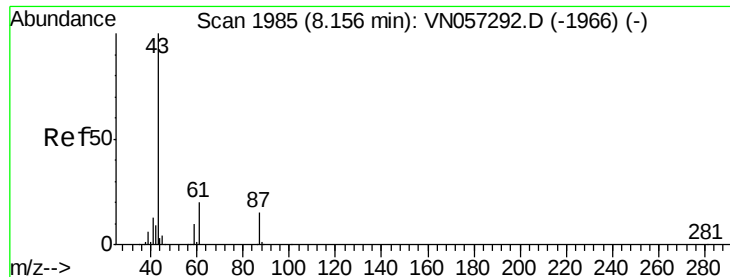
#38
 Carbon Tetrachloride
 Concen: 6.646 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN057339.D
 Acq: 15 Aug 2019 18:18

Tgt Ion: 117 Resp: 95761
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.8 115.2#
 121 0.0 25.0 37.4#



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: 9.563 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G3-(3)

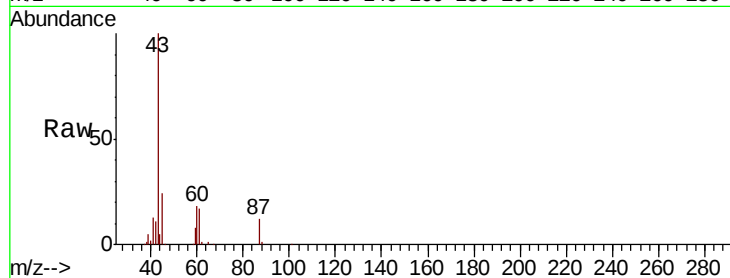
Tgt Ion: 43 Resp: 217586

Ion Ratio Lower Upper

43 100

61 15.5 21.6 32.4#

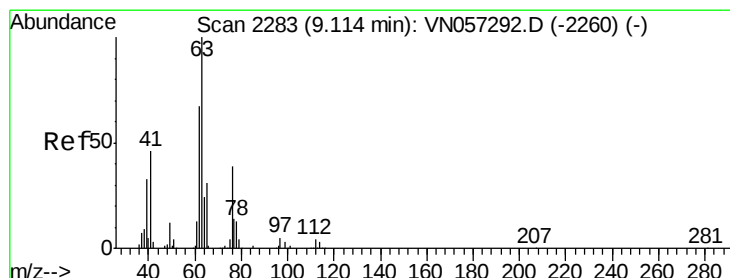
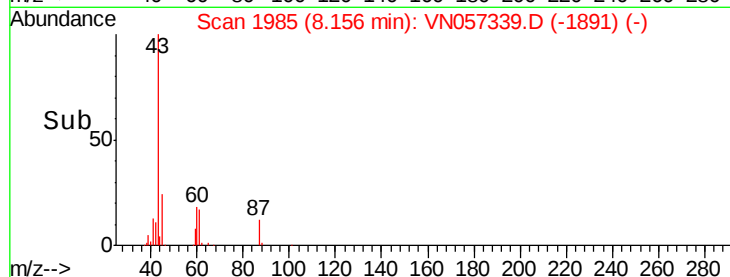
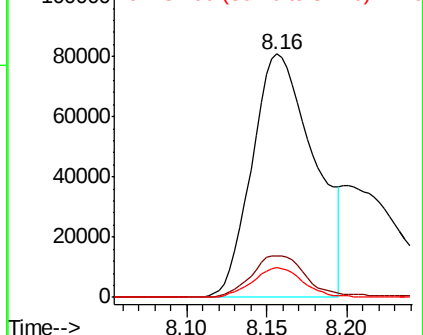
87 9.9 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.314 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057339.D

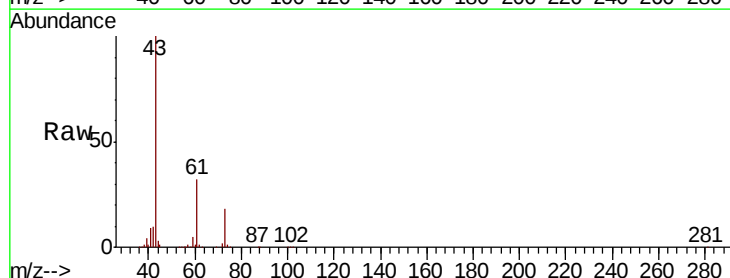
Acq: 15 Aug 2019 18:18

Tgt Ion: 63 Resp: 3431

Ion Ratio Lower Upper

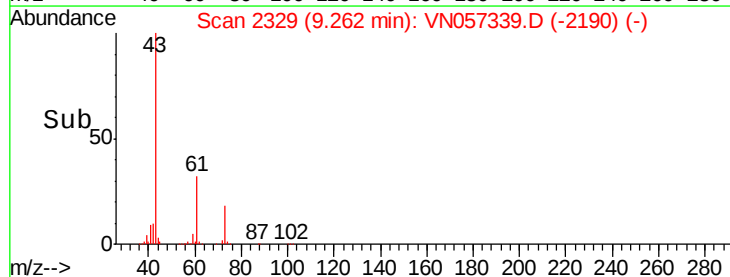
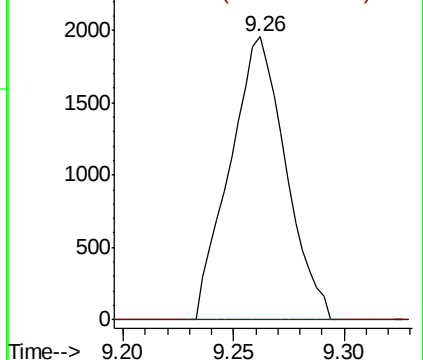
63 100

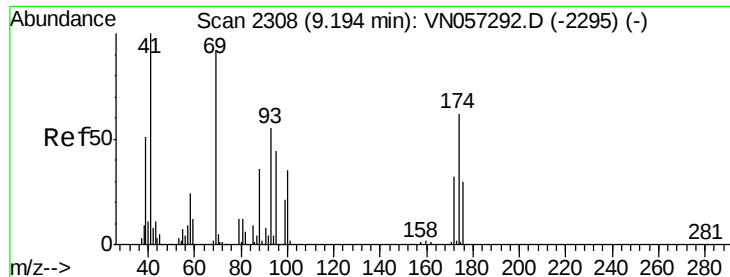
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

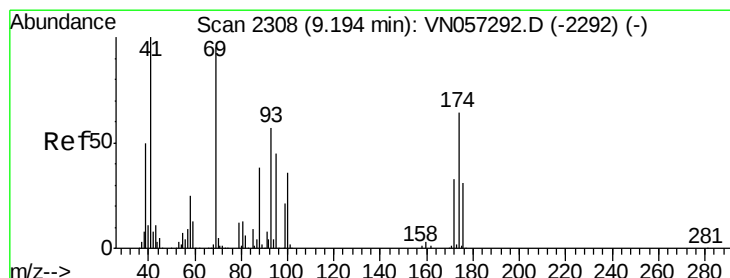
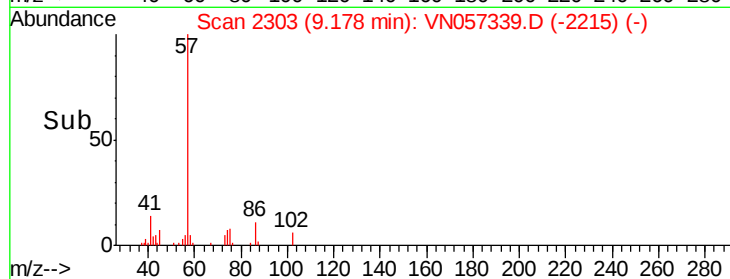
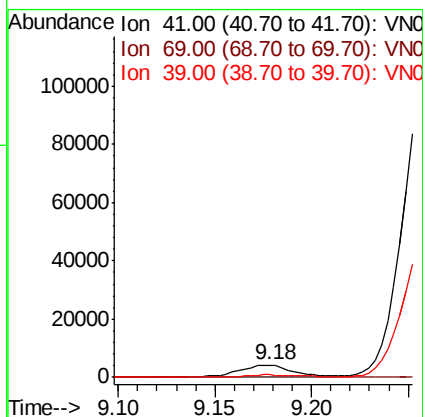
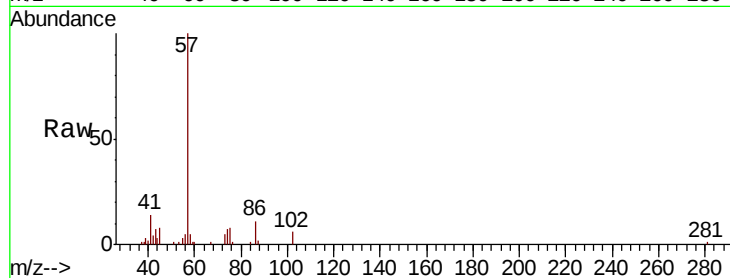




#48
Methyl methacrylate
Concen: 0.880 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

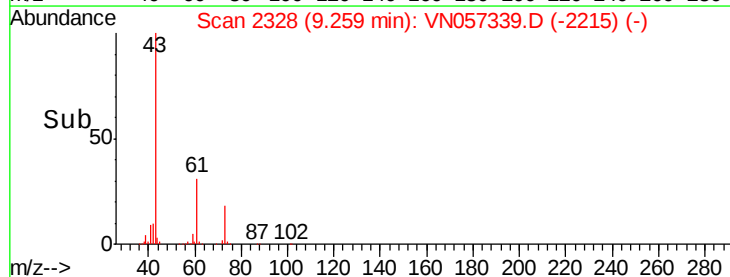
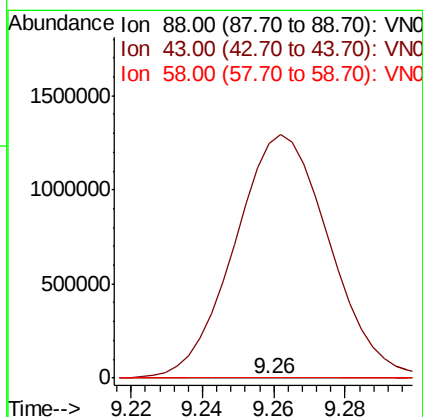
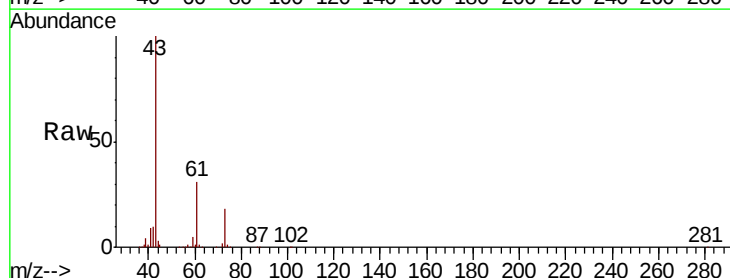
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

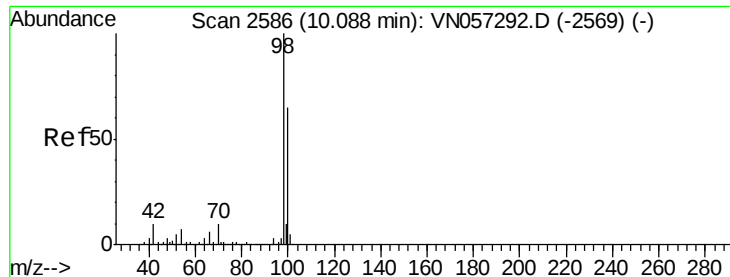
Tgt Ion: 41 Resp: 8233
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#



#49
1,4-Dioxane
Concen: 1.927 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Tgt Ion: 88 Resp: 379
Ion Ratio Lower Upper
88 100
43 635070.2 22.9 34.3#
58 2402.1 52.7 79.1#





#50

Toluene-d8

Concen: 48.759 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

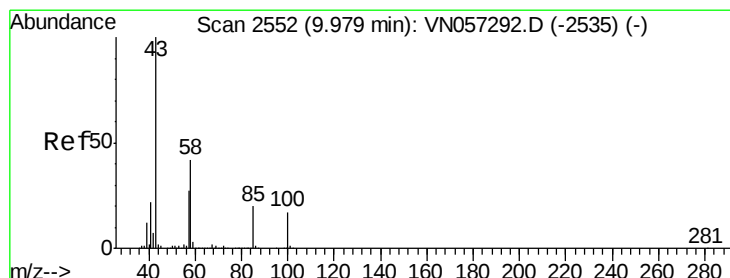
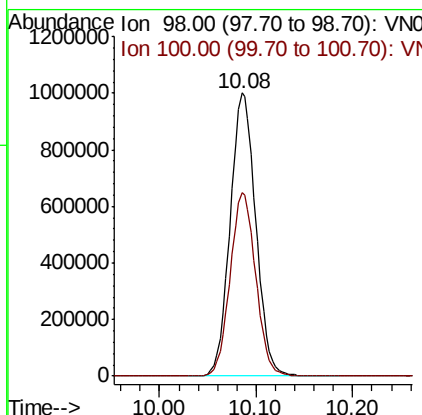
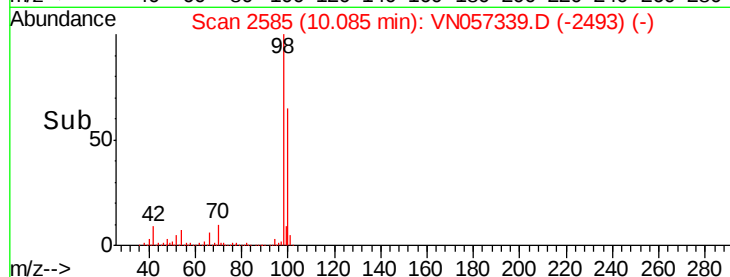
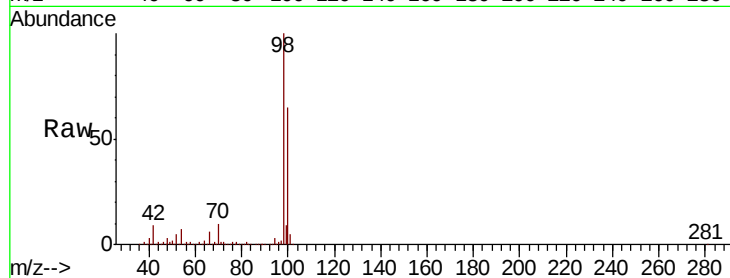
REACTOR-3-G3-(3)

Tgt Ion: 98 Resp: 1836055

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.623 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057339.D

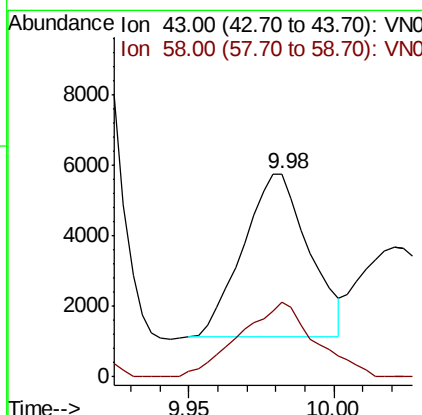
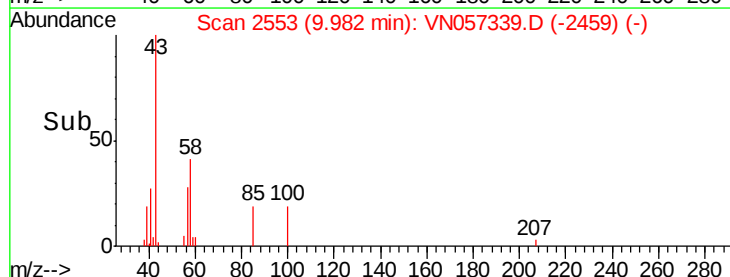
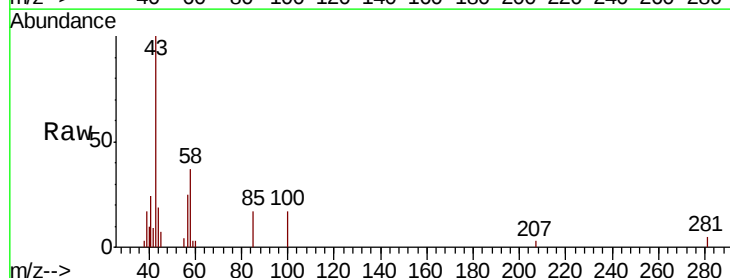
Acq: 15 Aug 2019 18:18

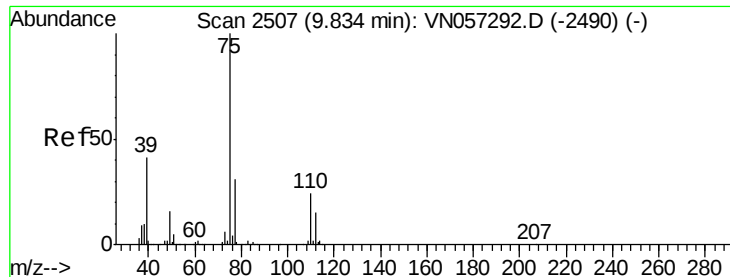
Tgt Ion: 43 Resp: 7301

Ion Ratio Lower Upper

43 100

58 52.3 33.2 49.8#





#54

cis-1,3-Dichloropropene

Concen: 4.258 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G3-(3)

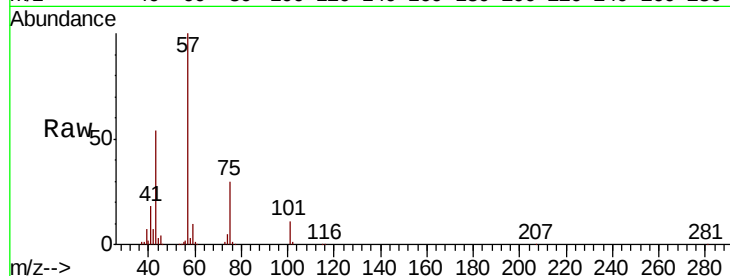
Tgt Ion: 75 Resp: 73393

Ion Ratio Lower Upper

75 100

77 0.6 24.9 37.3#

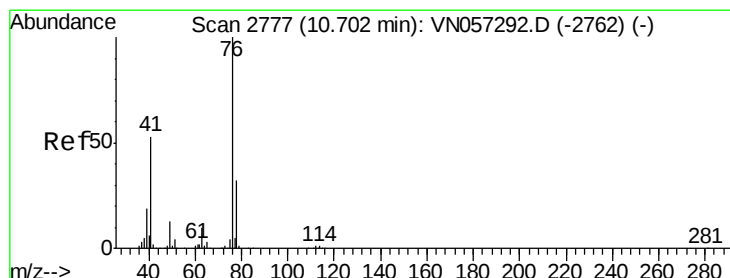
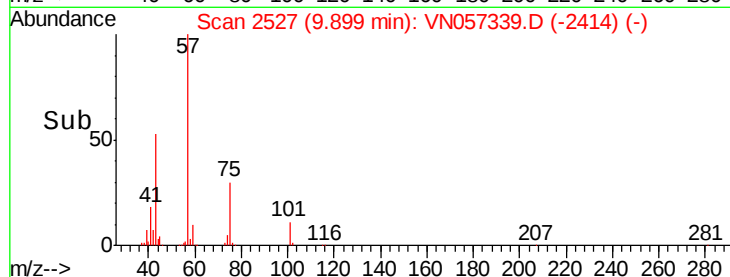
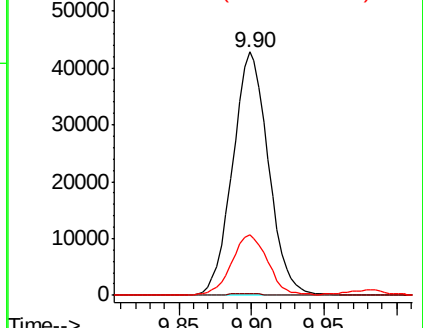
39 25.0 32.7 49.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.686 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057339.D

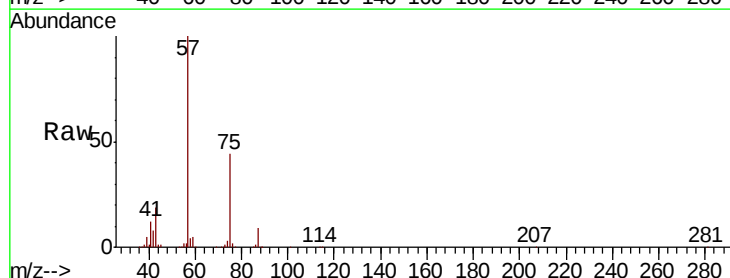
Acq: 15 Aug 2019 18:18

Tgt Ion: 76 Resp: 11905

Ion Ratio Lower Upper

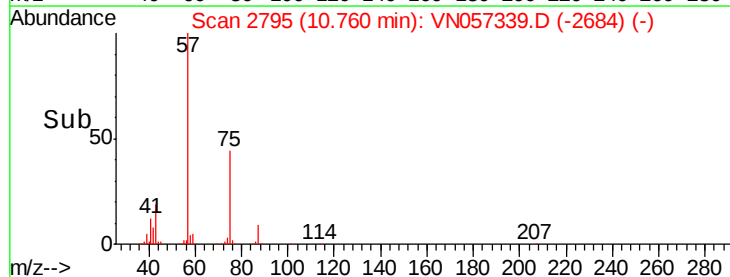
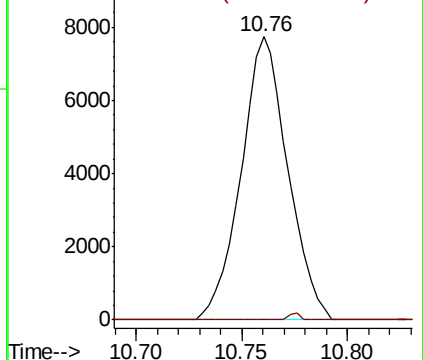
76 100

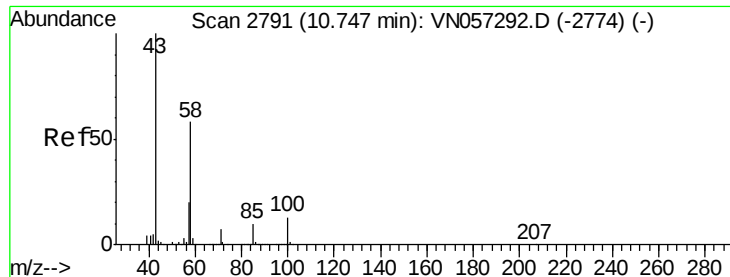
78 0.5 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

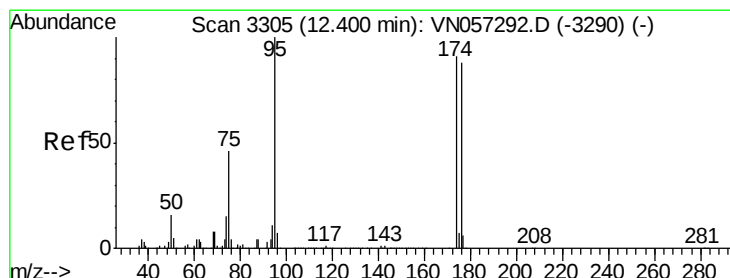
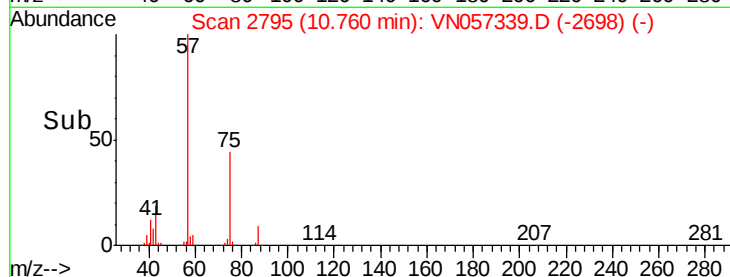
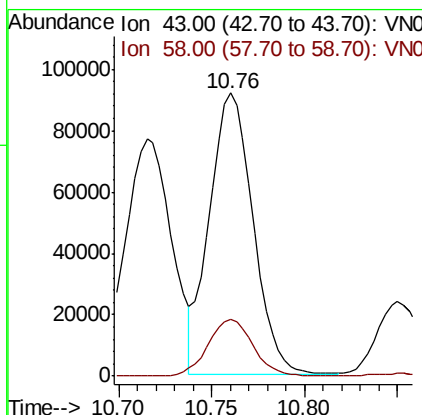
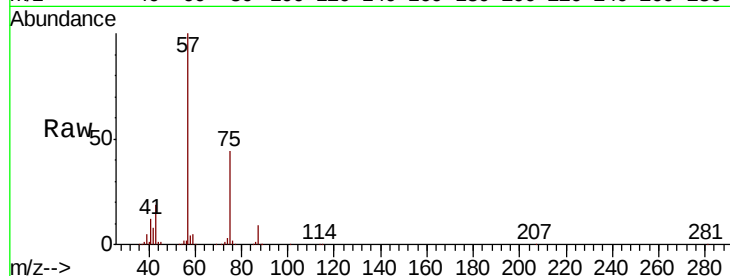




#59
2-Hexanone
Concen: 17.825 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

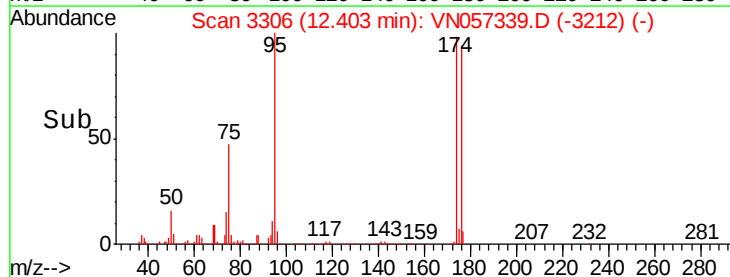
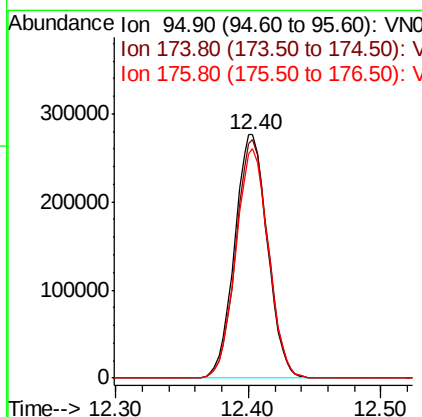
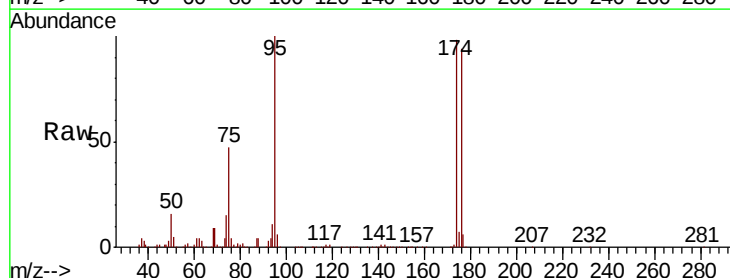
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

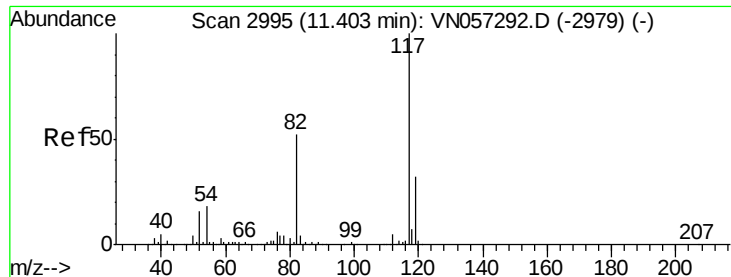
Tgt Ion: 43 Resp: 150159
Ion Ratio Lower Upper
43 100
58 20.9 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 35.611 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Tgt Ion: 95 Resp: 473894
Ion Ratio Lower Upper
95 100
174 96.6 0.0 185.0
176 93.7 0.0 181.0

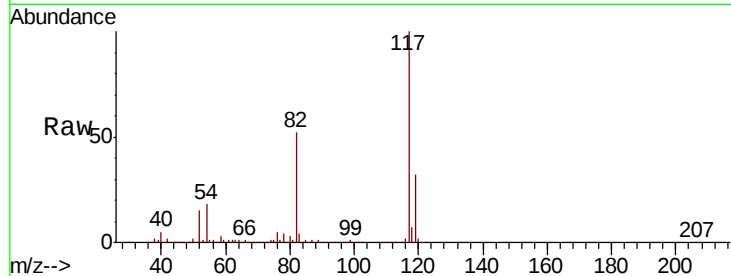




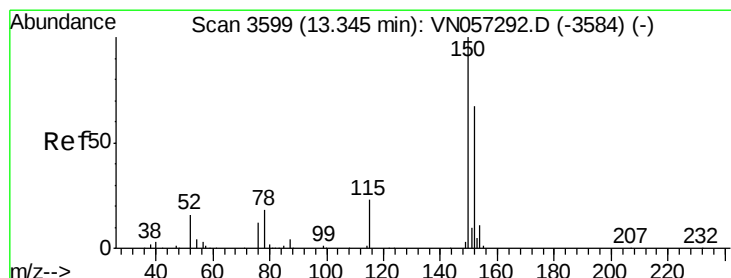
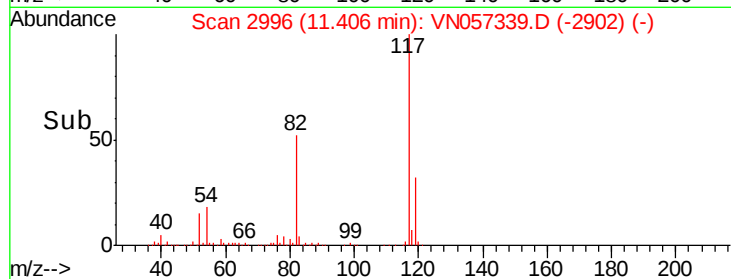
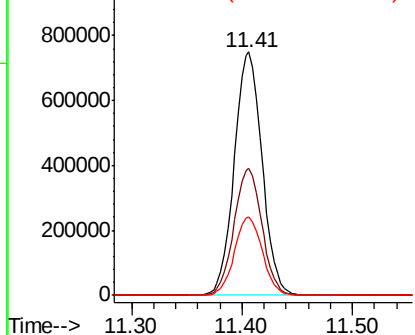
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

Tgt Ion:117 Resp: 1307597
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 32.0 25.8 38.8

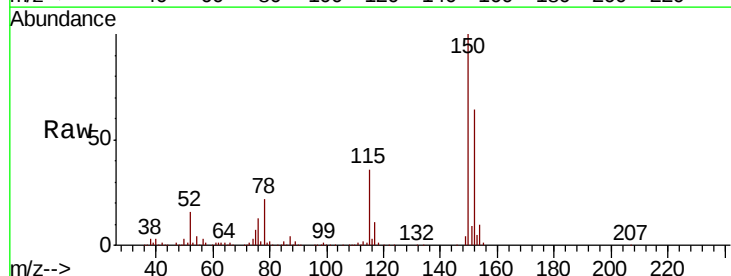


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

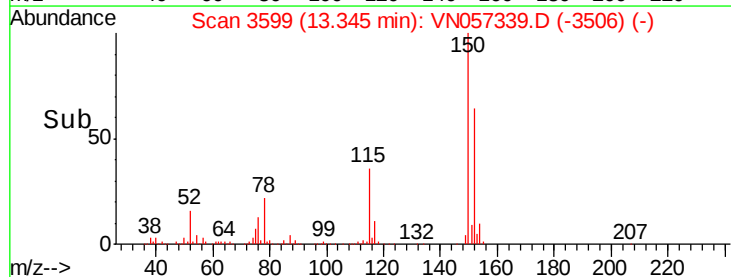
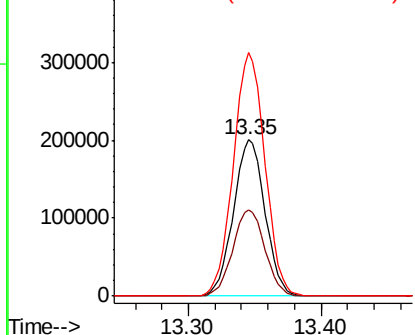


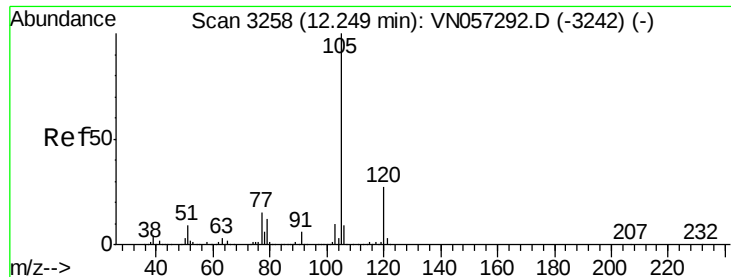
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Tgt Ion:152 Resp: 331139
Ion Ratio Lower Upper
152 100
115 56.0 27.3 81.9
150 156.1 0.0 344.4



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: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

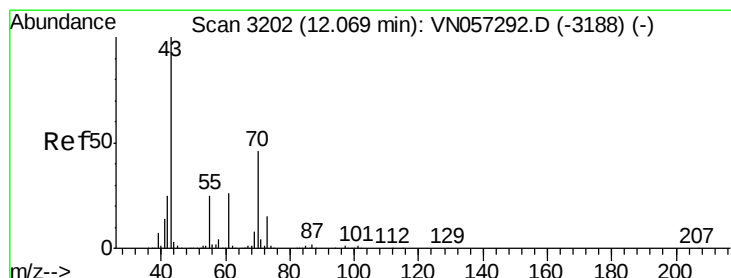
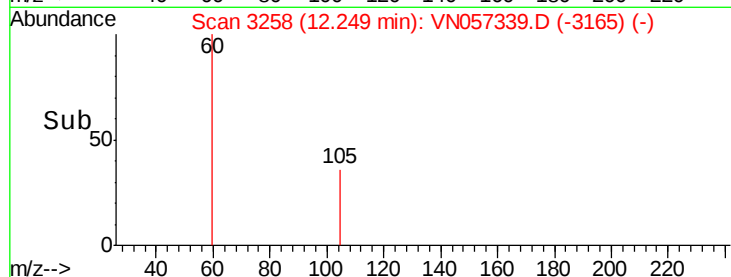
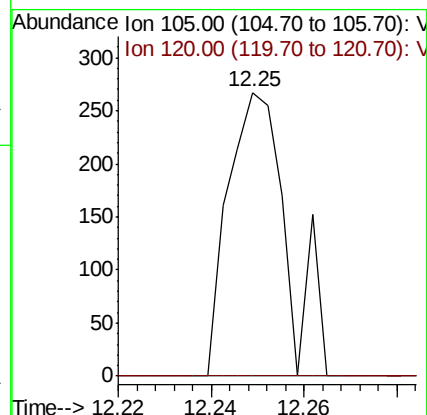
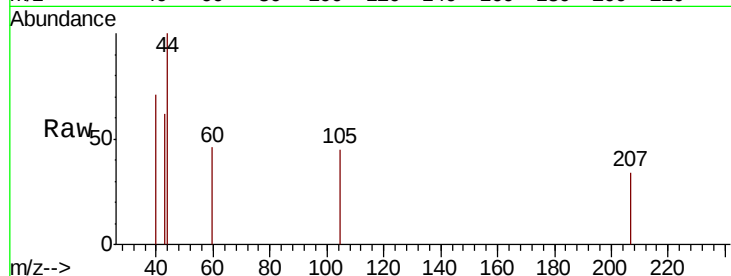
REACTOR-3-G3-(3)

Tgt Ion: 105 Resp: 236

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.469 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Tgt Ion: 43 Resp: 4510

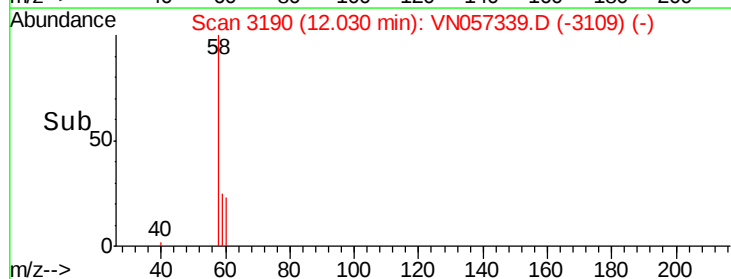
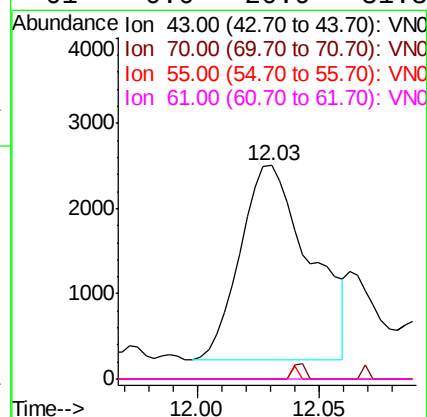
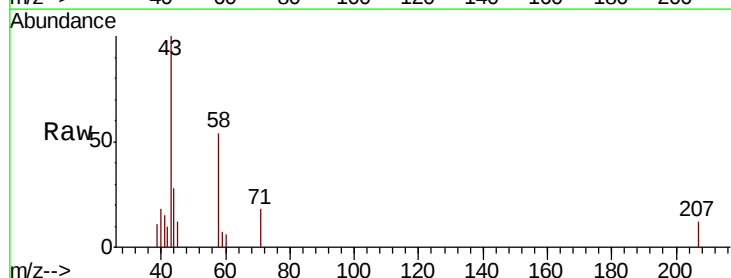
Ion Ratio Lower Upper

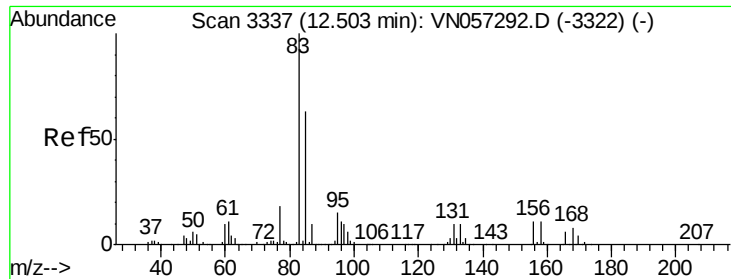
43 100

70 1.5 36.2 54.2#

55 0.0 20.1 30.1#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G3-(3)

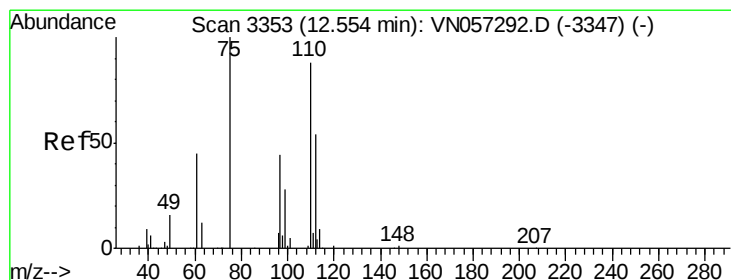
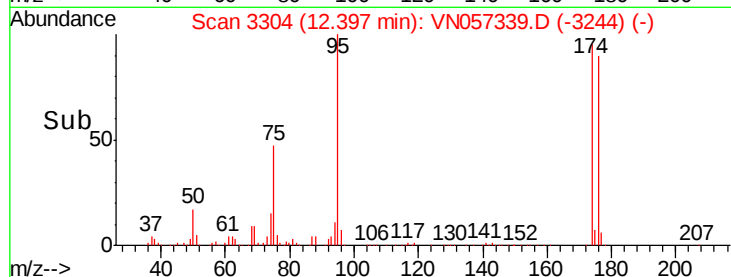
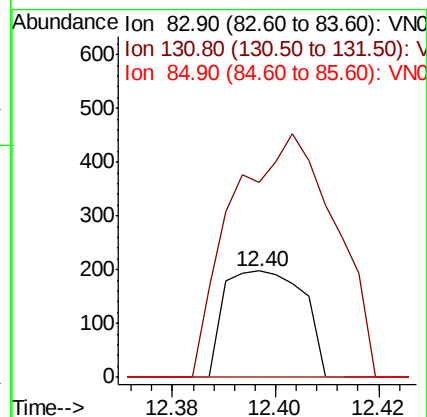
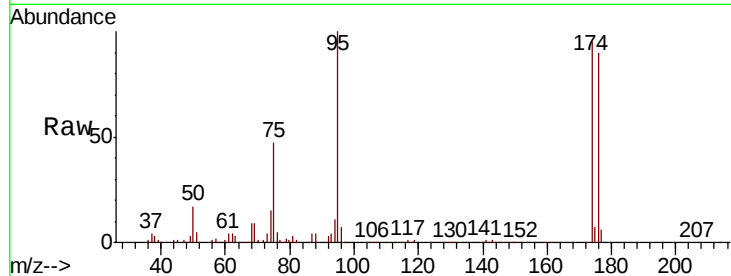
Tgt Ion: 83 Resp: 210

Ion Ratio Lower Upper

83 100

131 297.6 5.4 16.2#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 33.457 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057339.D

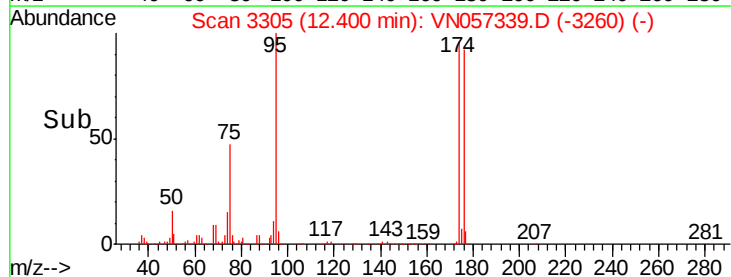
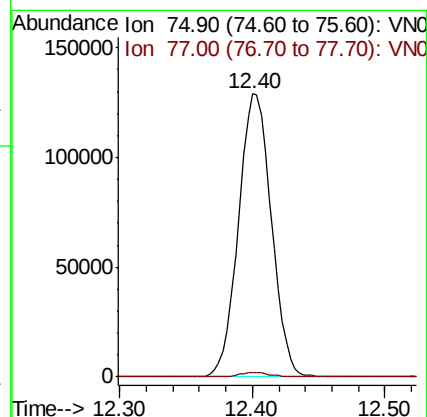
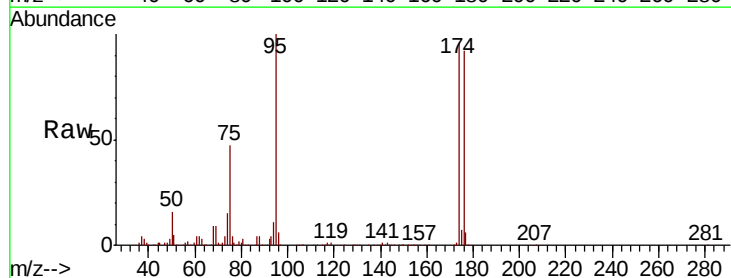
Acq: 15 Aug 2019 18:18

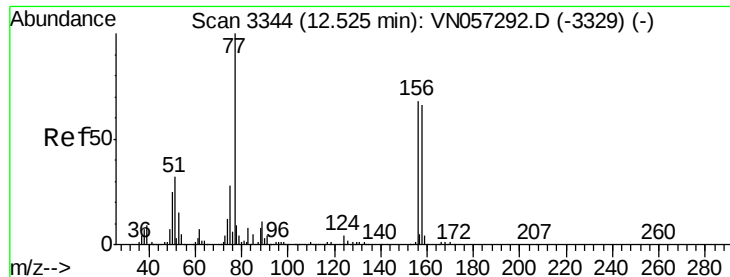
Tgt Ion: 75 Resp: 222172

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.42 min Scan# 3310

Delta R.T. -0.11 min

Lab File: VN057339.D

Acq: 15 Aug 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G3-(3)

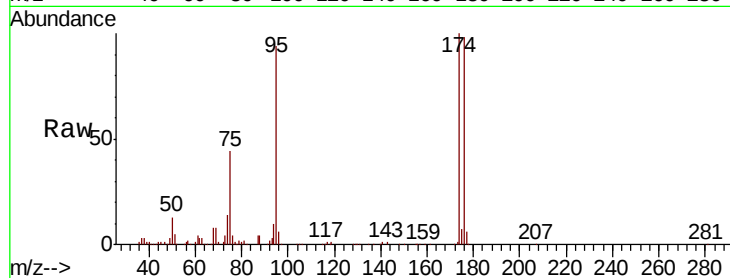
Tgt Ion:156 Resp: 60

Ion Ratio Lower Upper

156 100

77 0.0 89.8 269.6#

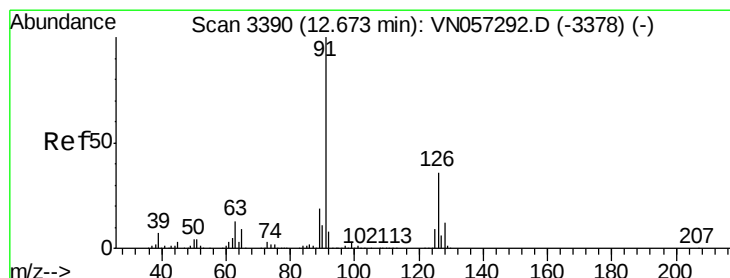
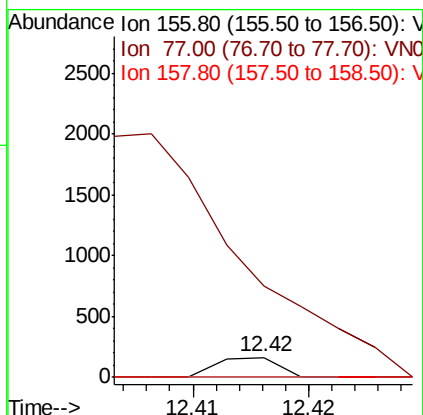
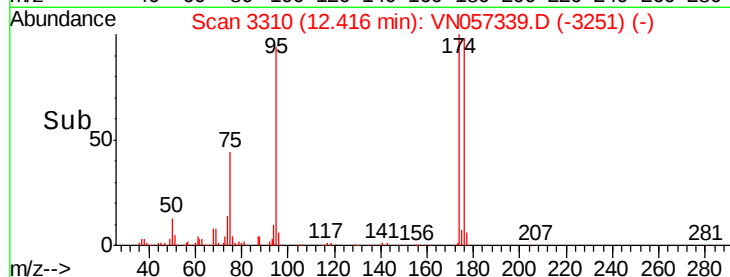
158 0.0 49.3 147.8#



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



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN057339.D

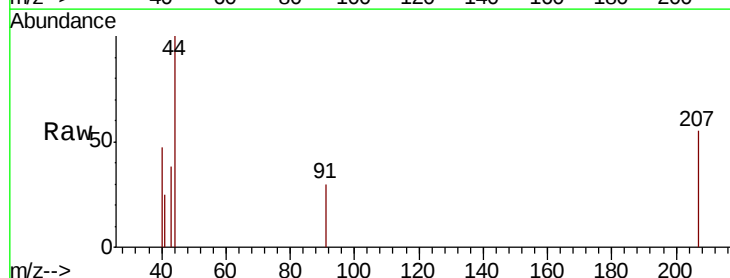
Acq: 15 Aug 2019 18:18

Tgt Ion: 91 Resp: 114

Ion Ratio Lower Upper

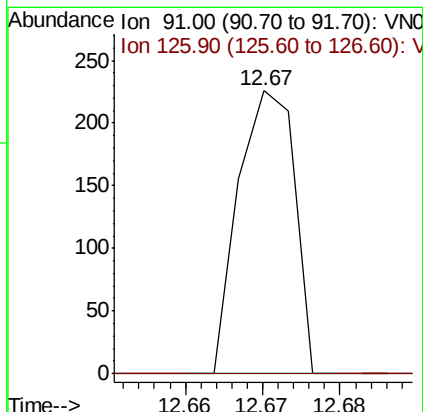
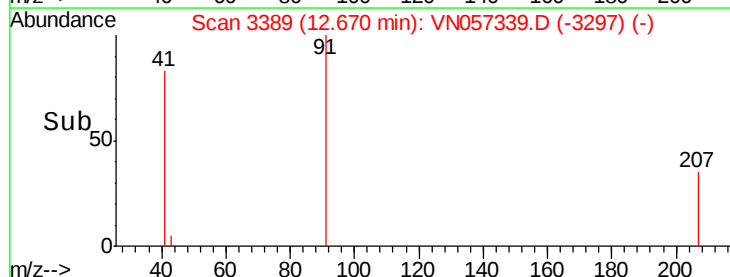
91 100

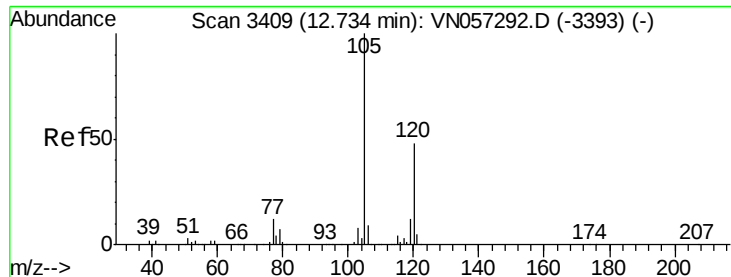
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

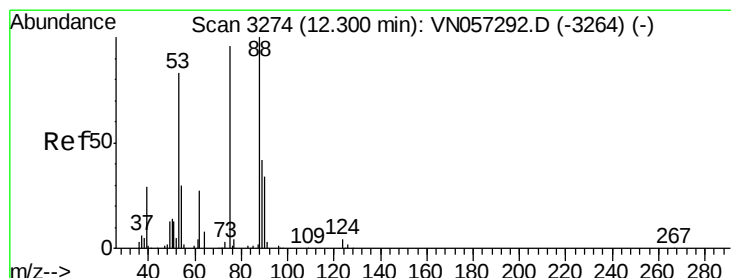
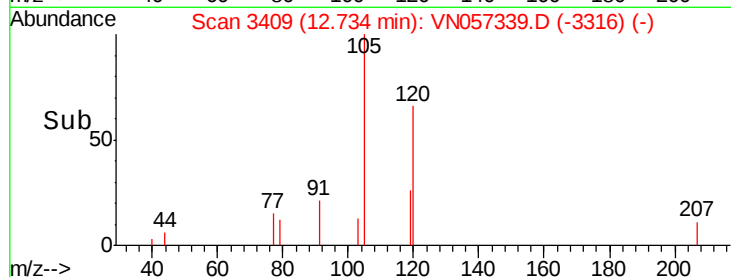
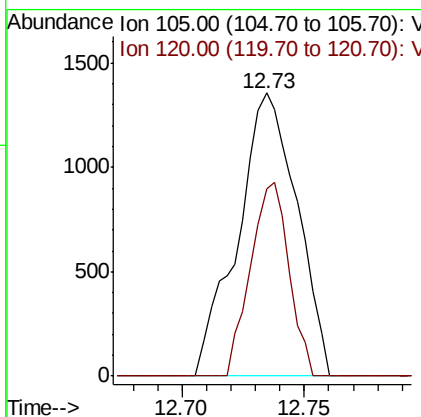
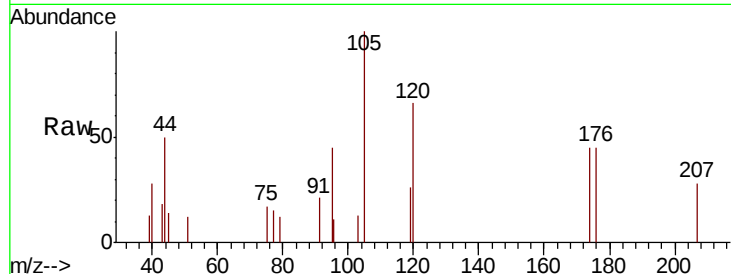




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057339.D
 Acq: 15 Aug 2019 18:18

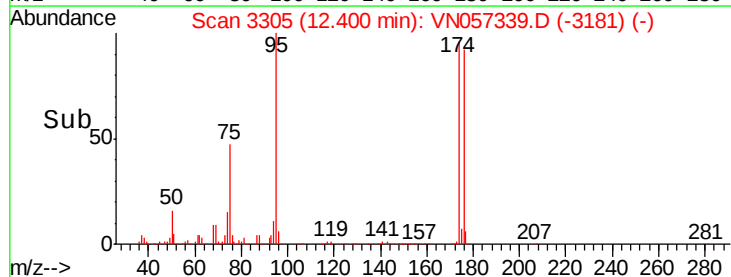
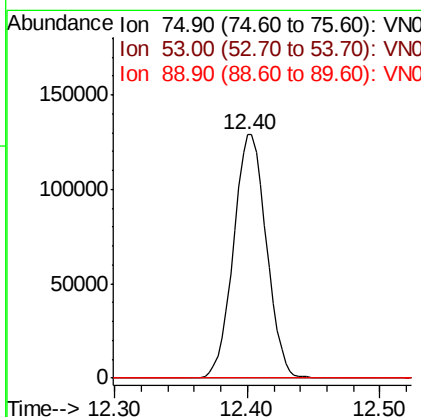
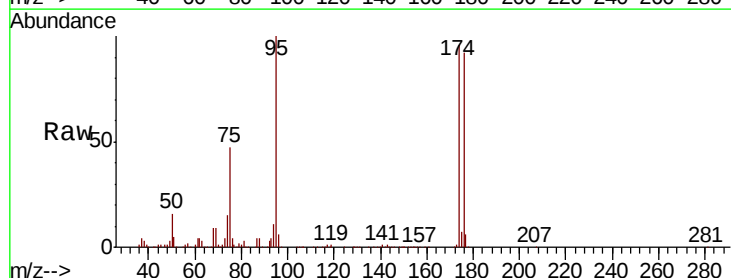
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G3-(3)

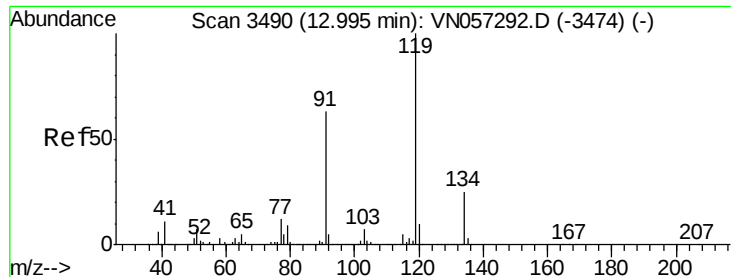
Tgt Ion: 105 Resp: 2285
 Ion Ratio Lower Upper
 105 100
 120 44.2 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.812 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057339.D
 Acq: 15 Aug 2019 18:18

Tgt Ion: 75 Resp: 222172
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

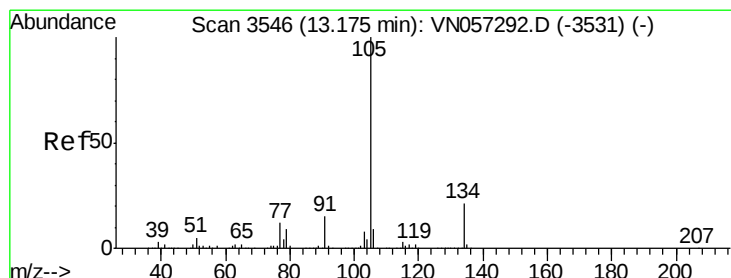
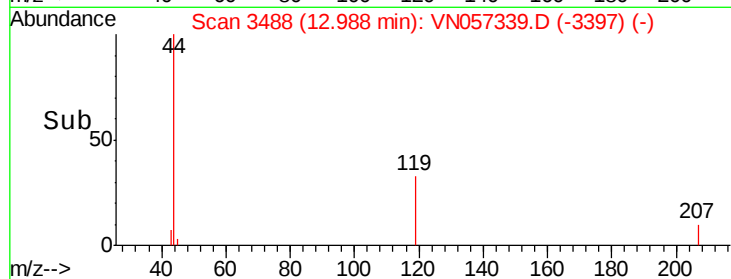
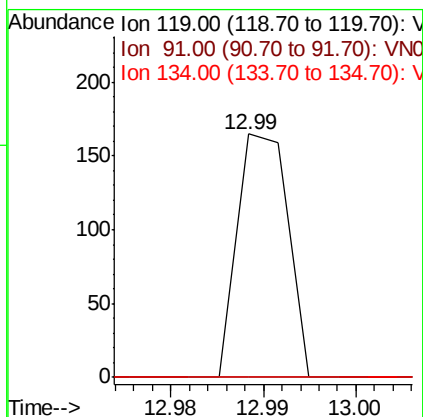
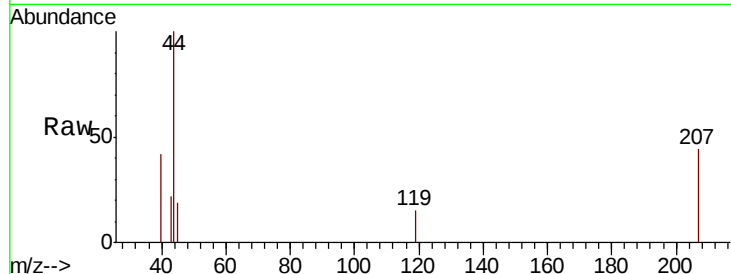




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

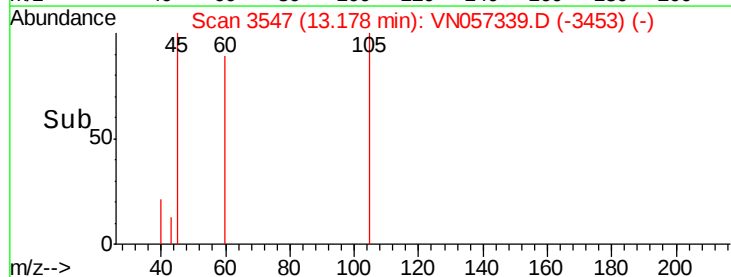
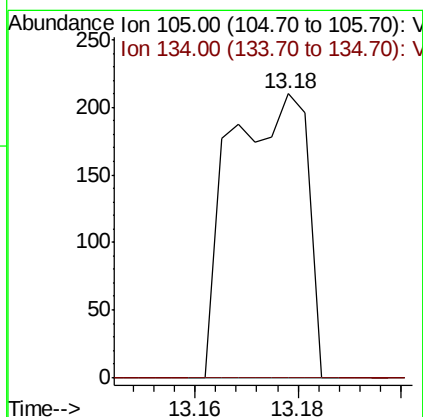
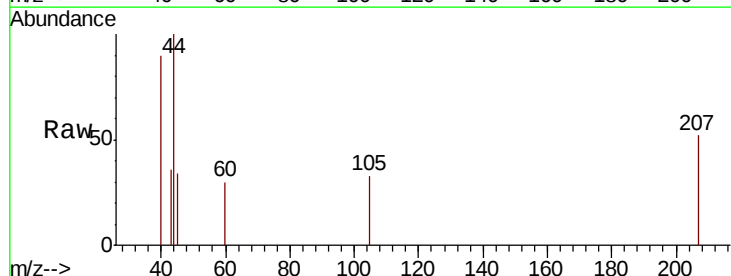
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G3-(3)

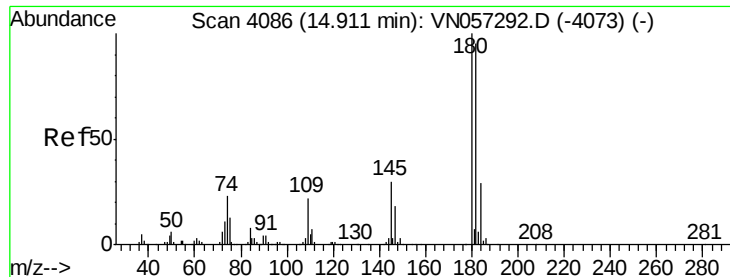
Tgt Ion:119 Resp: 63
Ion Ratio Lower Upper
119 100
91 0.0 31.3 93.8#
134 0.0 13.1 39.1#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN057339.D
Acq: 15 Aug 2019 18:18

Tgt Ion:105 Resp: 217
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#

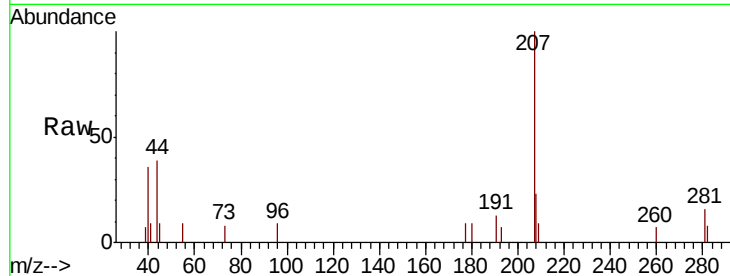




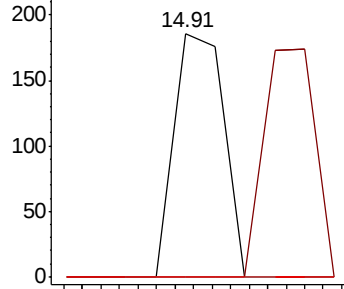
#93
 1,2,4-Trichlorobenzene
 Concen: 5.370 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057339.D
 Acq: 15 Aug 2019 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G3-(3)

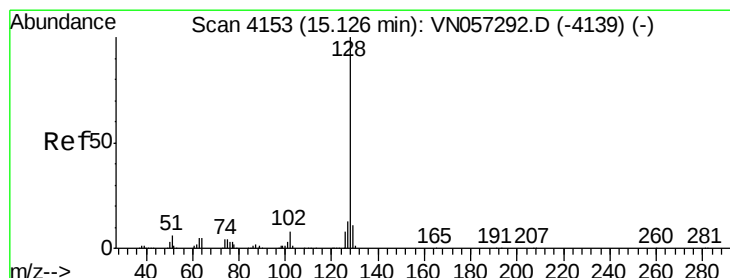
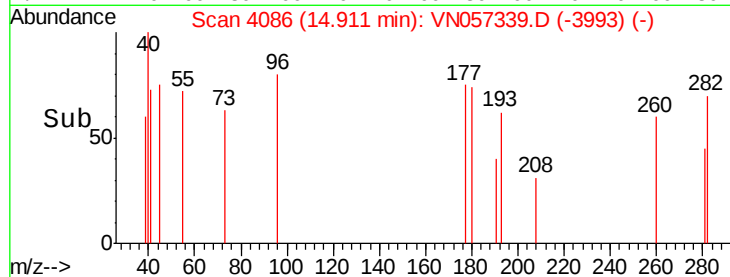
Tgt Ion:180 Resp: 70
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.0 144.2
 145 0.0 14.5 43.6#



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

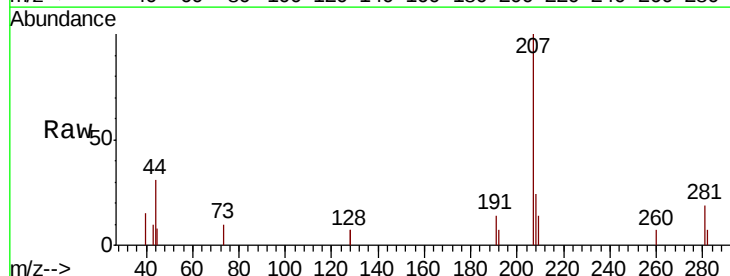


Time-->

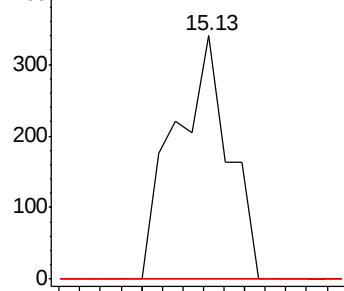


#95
 Naphthalene
 Concen: Below Cal
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.01 min
 Lab File: VN057339.D
 Acq: 15 Aug 2019 18:18

Tgt Ion:128 Resp: 244
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.8 13.2#



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-->

