

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
 Data File : VN057337.D
 Acq On : 15 Aug 2019 17:29
 Operator : JC/SP
 Sample : K4264-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(3)

Quant Time: Aug 16 02:02:43 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

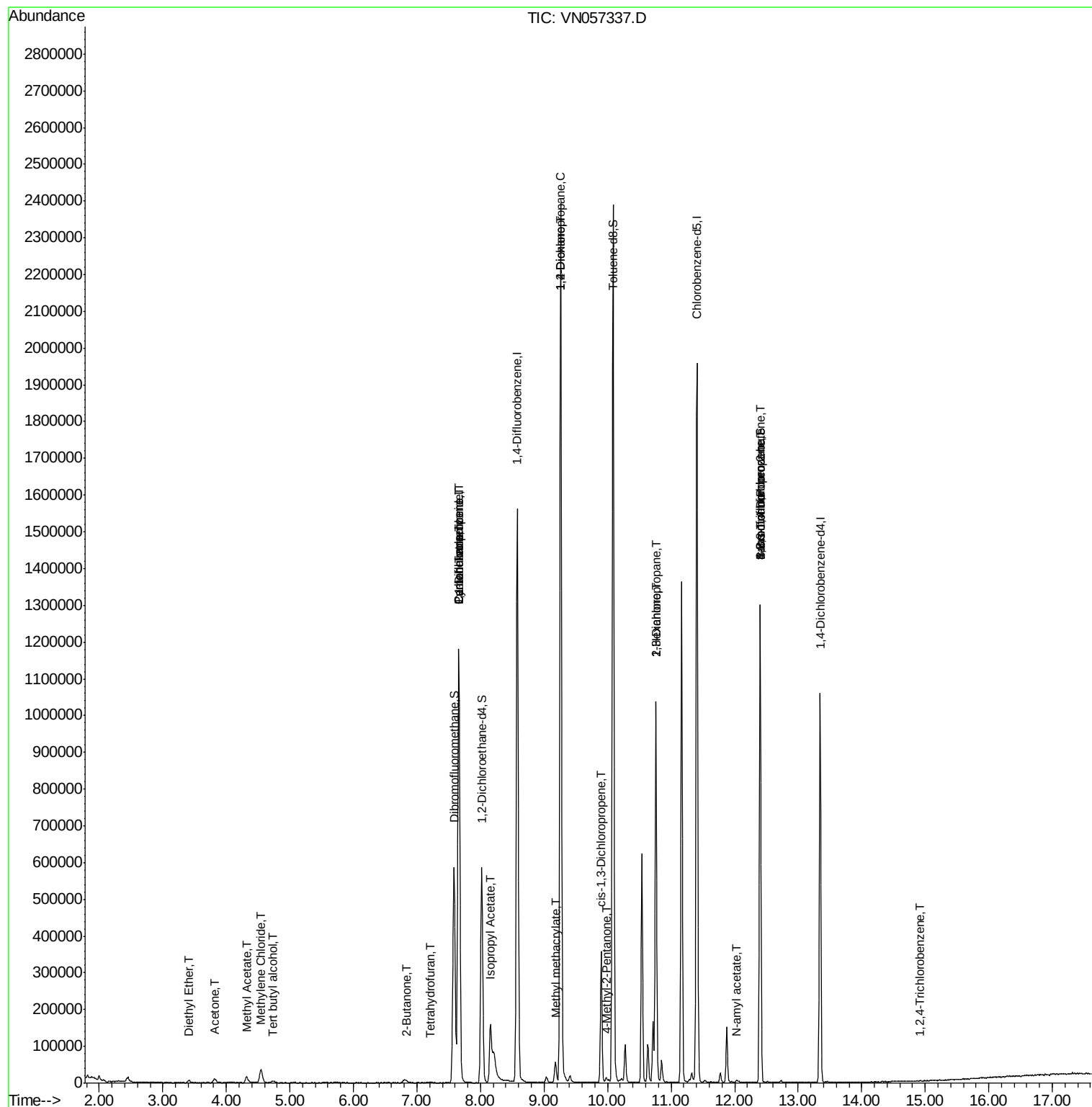
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1071938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1510061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1249644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	506624	43.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.96%	
35) Dibromofluoromethane	7.58	113	457114	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	10.09	98	1754939	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.40	95	451816	35.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.62%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	3133	0.518	ug/l	88
11) Tert butyl alcohol	4.73	59	2372	1.432	ug/l #	73
16) Acetone	3.81	43	17926	4.434	ug/l	98
18) Methyl Acetate	4.32	43	31764	0.548	ug/l	97
20) Methylene Chloride	4.55	84	28583	2.527	ug/l	95
25) 2-Butanone	6.84	43	2774	0.474	ug/l #	78
29) Tetrahydrofuran	7.20	42	1511	0.408	ug/l #	50
31) Cyclohexane	7.66	56	14965	0.942	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	64711	4.853	ug/l #	47
38) Carbon Tetrachloride	7.66	117	91214	6.584	ug/l #	15
43) Isopropyl Acetate	8.16	43	213418	9.779	ug/l #	80
45) 1,2-Dichloropropane	9.26	63	3165	0.301	ug/l #	44
48) Methyl methacrylate	9.18	41	7692	0.855	ug/l #	11
49) 1,4-Dioxane	9.26	88	304	1.608	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8728	0.775	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	69882	4.217	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	12163	0.729	ug/l #	43
59) 2-Hexanone	10.76	43	140982	17.407	ug/l #	51
71) Bromoform	12.40	173	4588	0.596	ug/l #	1
73) Isopropylbenzene	12.26	105	161	Below Cal	#	49
74) N-amyl acetate	12.04	43	3807	0.420	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.40	83	100	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	208230	33.232	ug/l #	100
79) 2-Chlorotoluene	12.73	91	62	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1922	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	208230	81.293	ug/l #	15
83) tert-Butylbenzene	13.00	119	85	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	142	Below Cal	#	55
90) Hexachloroethane	13.64	117	29	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	36	5.364	ug/l #	80
95) Naphthalene	15.12	128	242	Below Cal	#	69

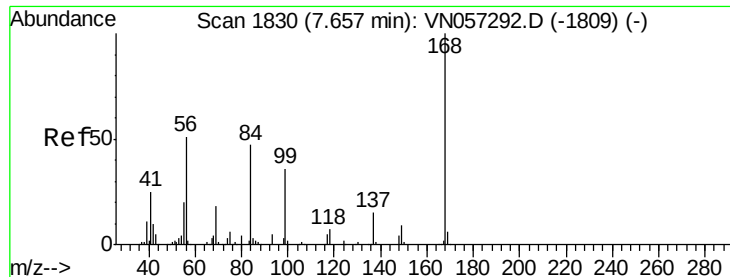
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

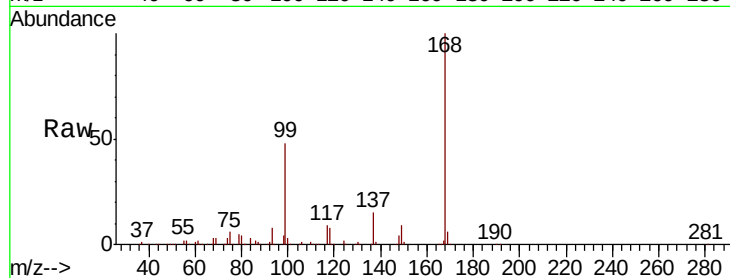
REACTOR-3-G1-(3)

Tgt Ion:168 Resp: 1071938

Ion Ratio Lower Upper

168 100

99 48.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057292.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057292.D (-1809) (-)

7.66

400000

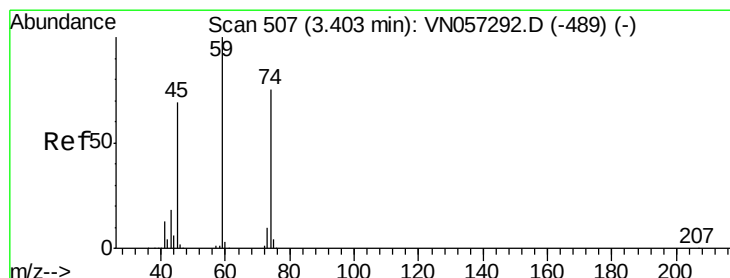
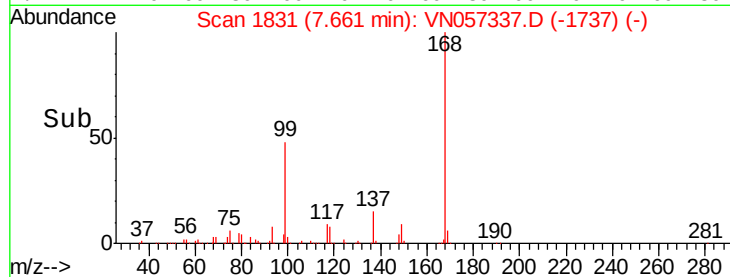
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.518 ug/l

RT: 3.41 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN057337.D

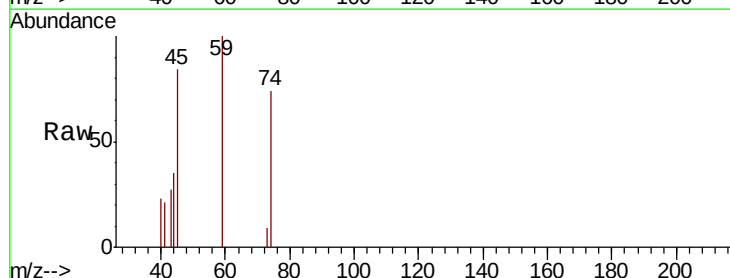
Acq: 15 Aug 2019 17:29

Tgt Ion: 74 Resp: 3133

Ion Ratio Lower Upper

74 100

45 103.1 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VN057292.D (-489) (-)

Ion 45.00 (44.70 to 45.70): VN057292.D (-489) (-)

2000

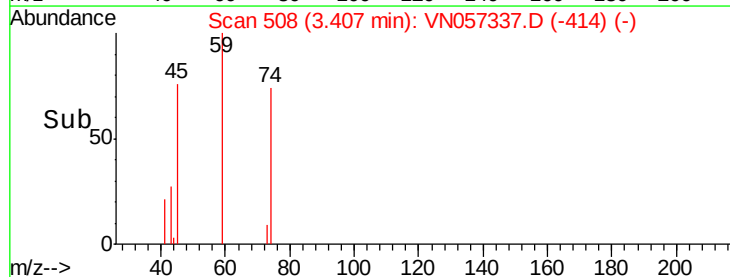
1500

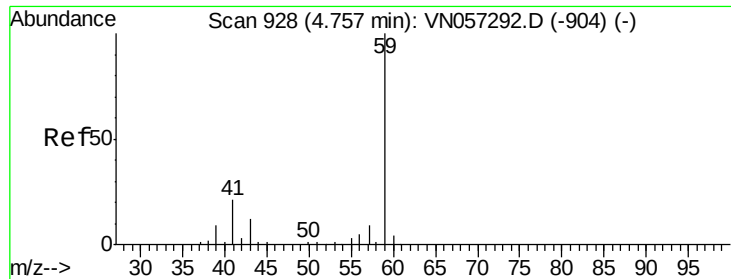
1000

500

0

Time-->

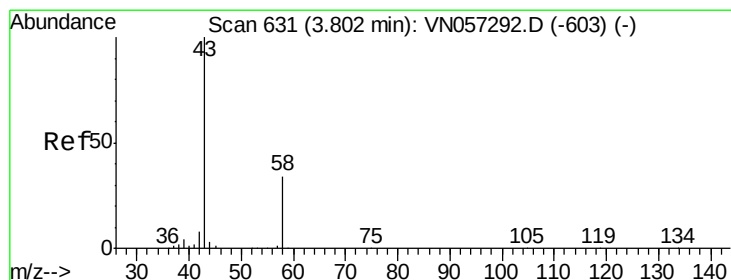
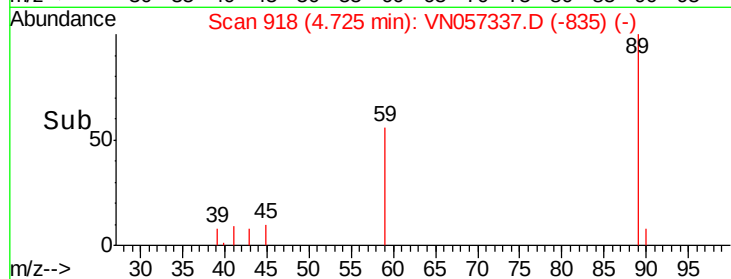
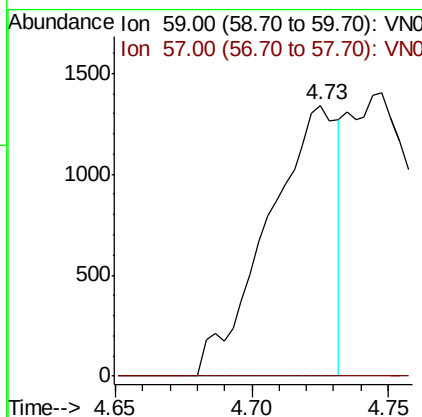
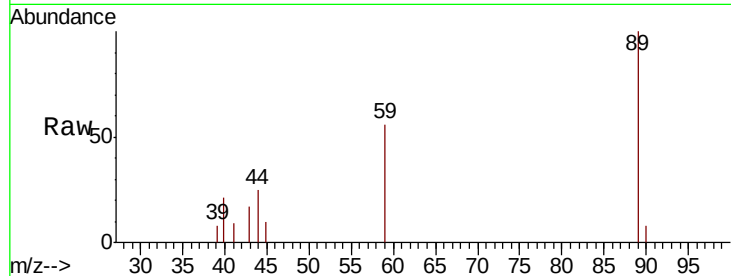




#11
Tert butyl alcohol
Concen: 1.432 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.03 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

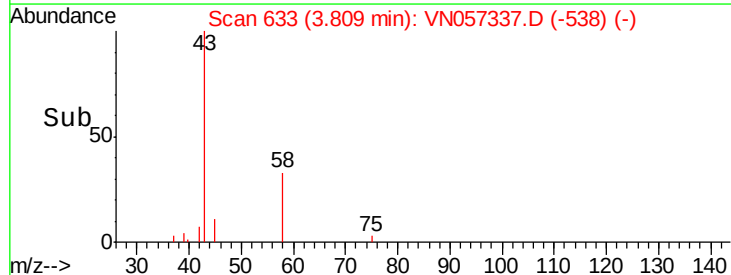
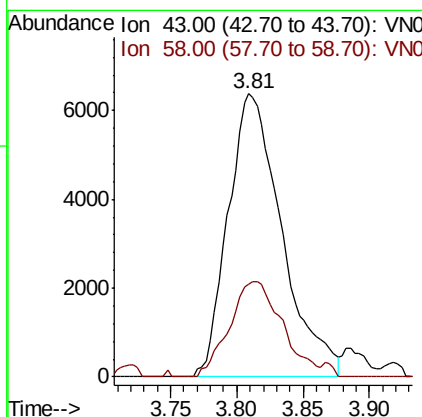
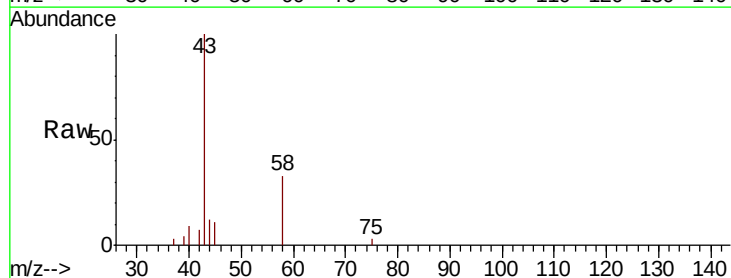
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(3)

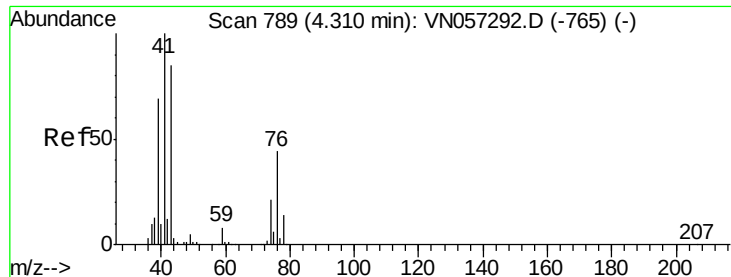
Tgt Ion: 59 Resp: 2372
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 4.434 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

Tgt Ion: 43 Resp: 17926
Ion Ratio Lower Upper
43 100
58 32.6 27.0 40.6

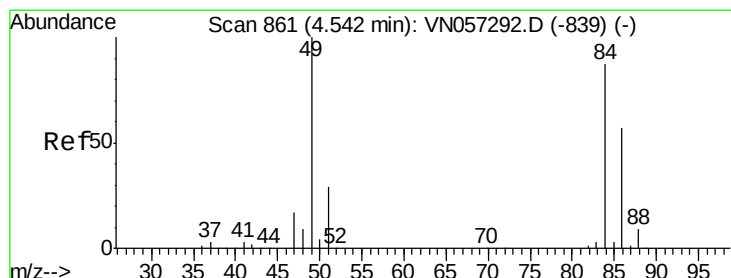
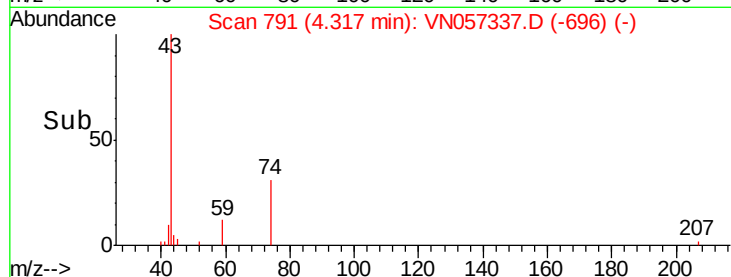
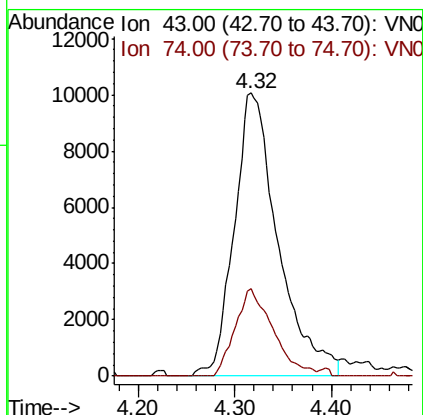
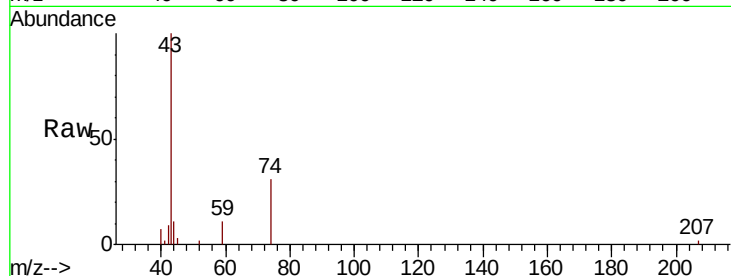




#18
Methyl Acetate
Concen: 0.548 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

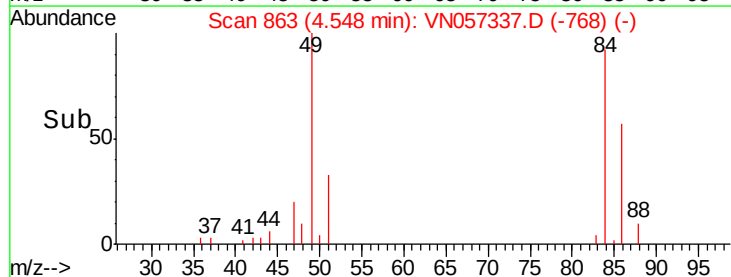
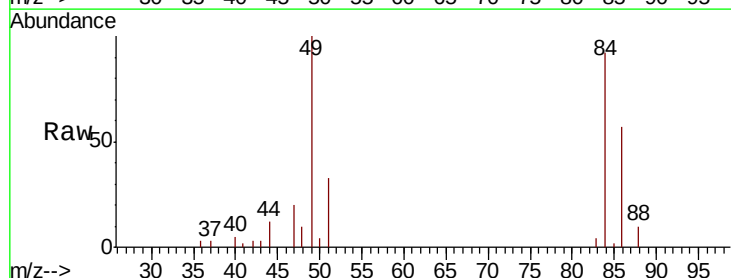
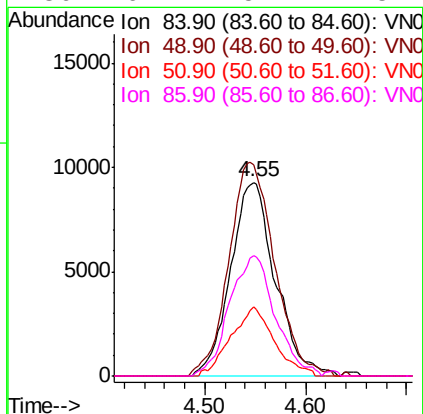
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(3)

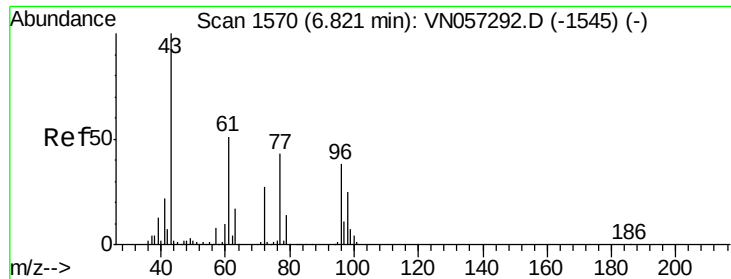
Tgt Ion: 43 Resp: 31764
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.2



#20
Methylene Chloride
Concen: 2.527 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

Tgt Ion: 84 Resp: 28583
Ion Ratio Lower Upper
84 100
49 109.2 92.0 138.0
51 35.7 27.1 40.7
86 62.2 52.2 78.2

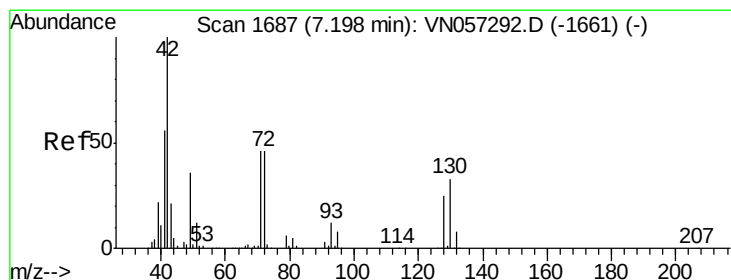
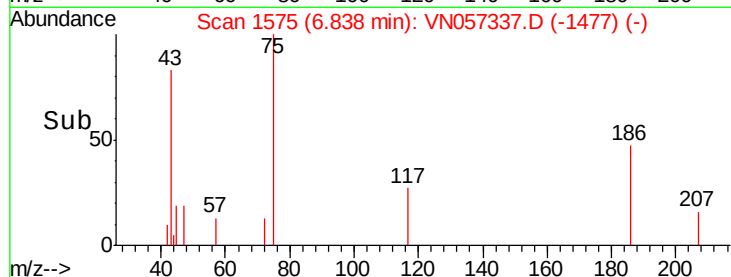
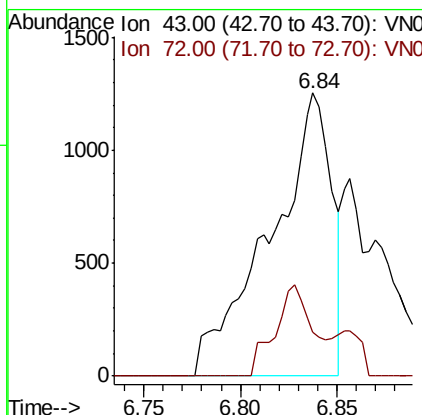
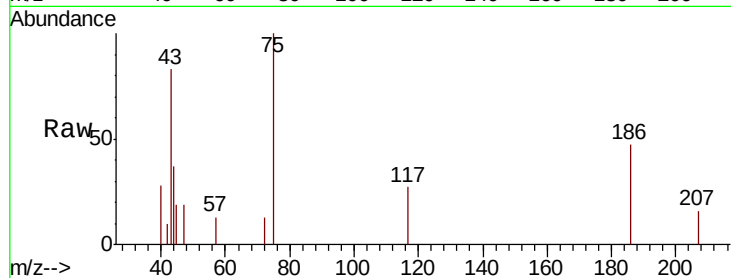




#25
2-Butanone
Concen: 0.474 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

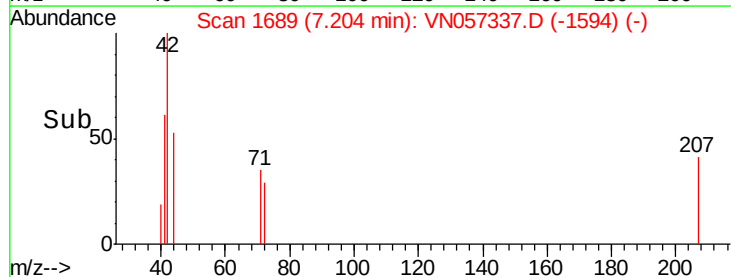
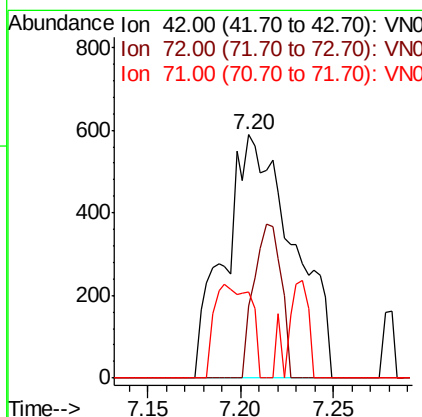
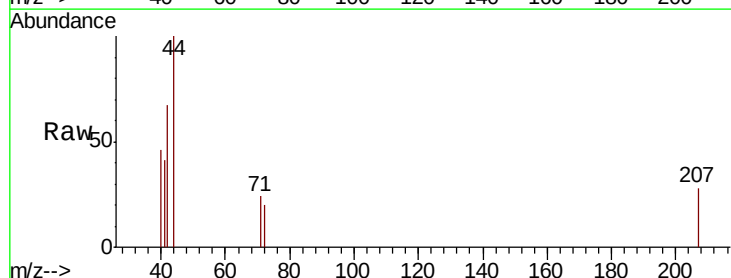
Instrument :
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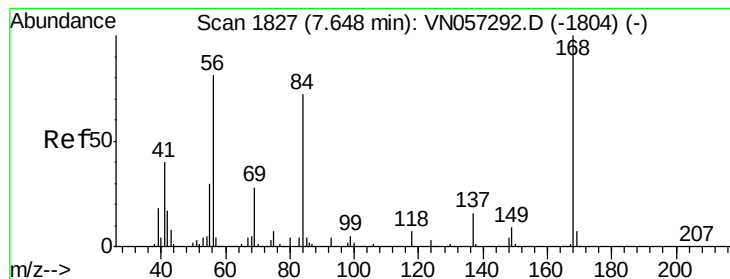
Tgt Ion: 43 Resp: 2774
Ion Ratio Lower Upper
43 100
72 15.6 21.5 32.3#



#29
Tetrahydrofuran
Concen: 0.408 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

Tgt Ion: 42 Resp: 1511
Ion Ratio Lower Upper
42 100
72 25.0 37.8 56.6#
71 0.0 35.7 53.5#





#31

Cyclohexane

Concen: 0.942 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(3)

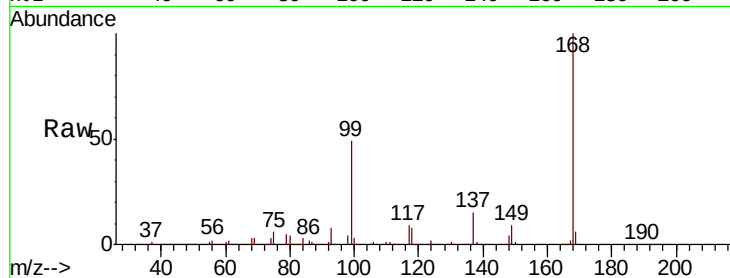
Tgt Ion: 56 Resp: 14965

Ion Ratio Lower Upper

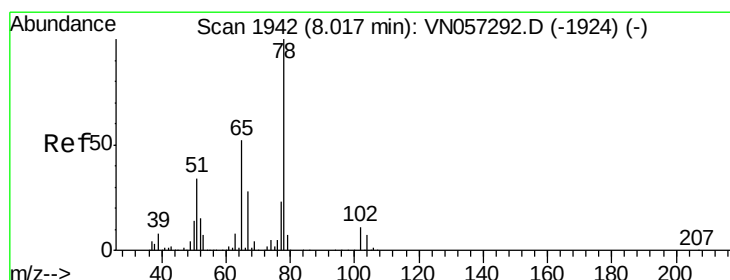
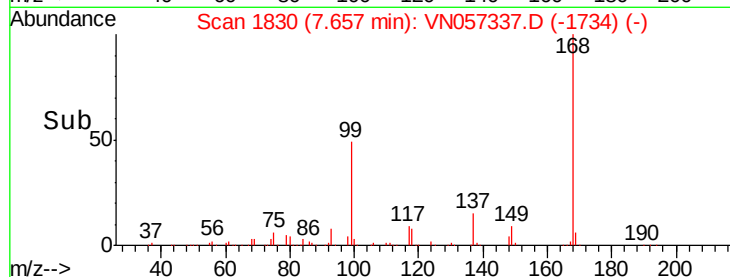
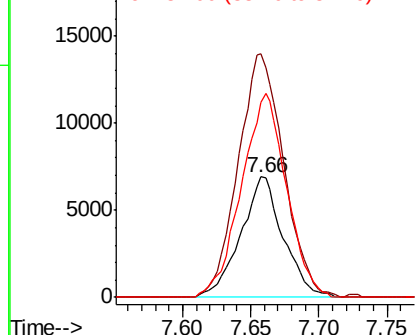
56 100

69 202.4 27.3 40.9#

84 162.1 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: 43.475 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057337.D

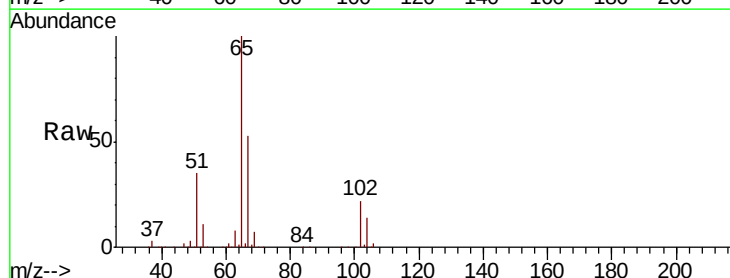
Acq: 15 Aug 2019 17:29

Tgt Ion: 65 Resp: 506624

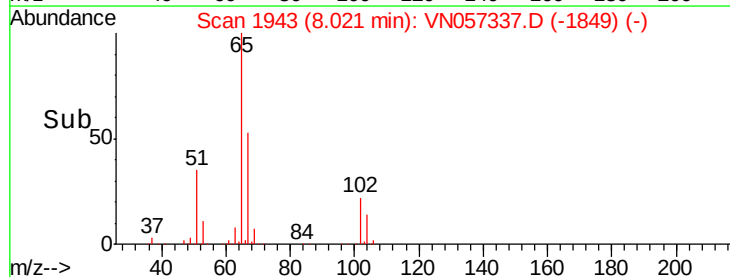
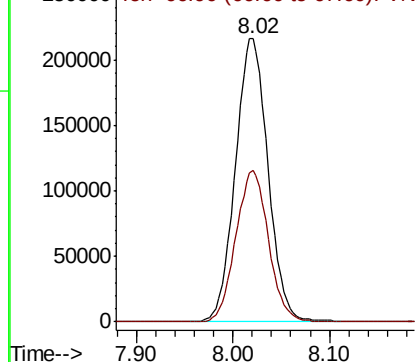
Ion Ratio Lower Upper

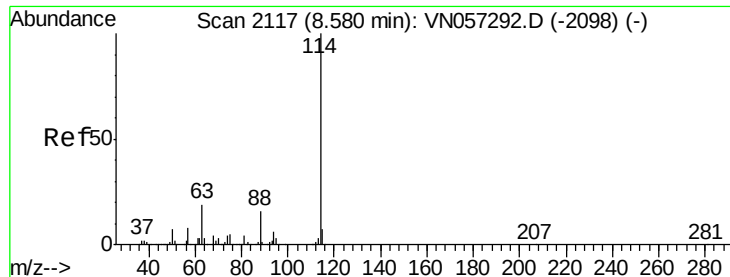
65 100

67 53.6 0.0 107.4



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

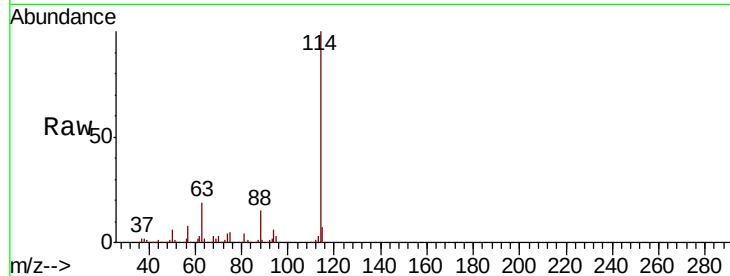




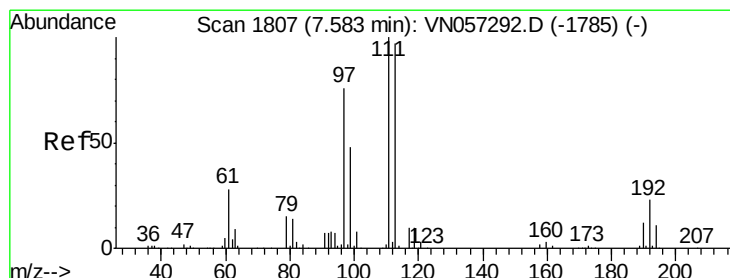
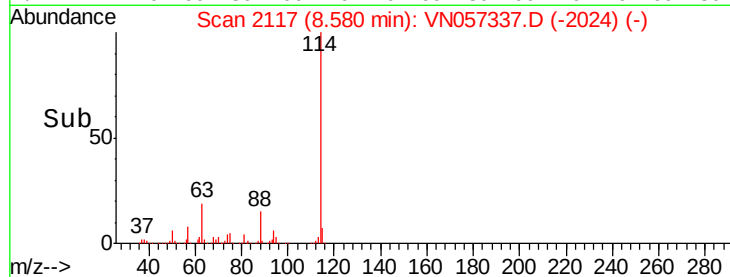
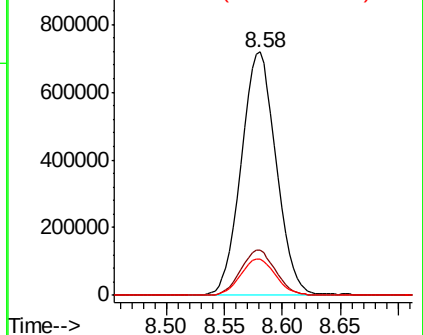
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

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Tgt Ion:114 Resp: 1510061
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.0 0.0 31.4

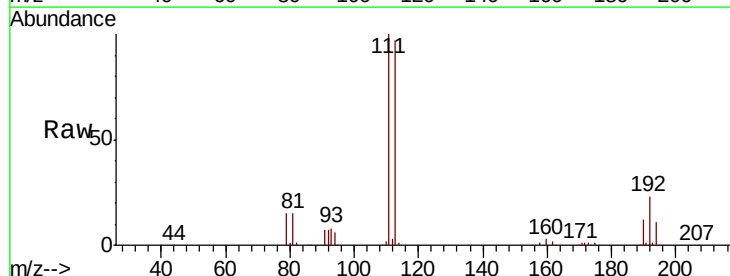


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

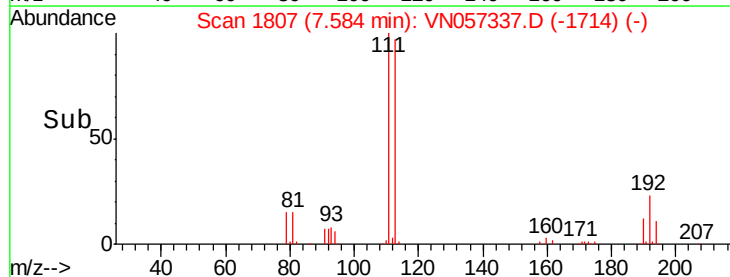
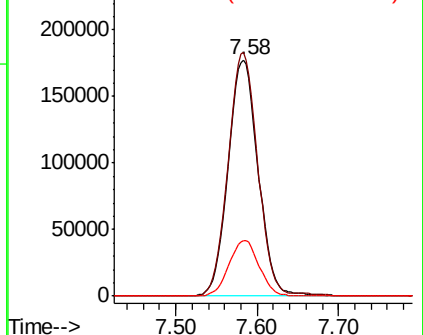


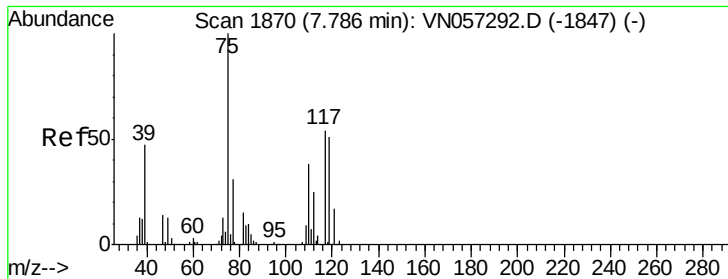
#35
 Dibromofluoromethane
 Concen: 46.179 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

Tgt Ion:113 Resp: 457114
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.1 123.1
 192 23.7 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

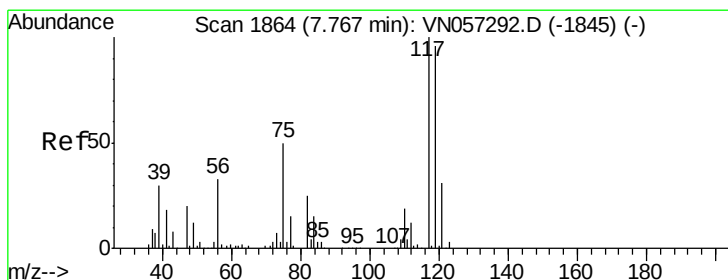
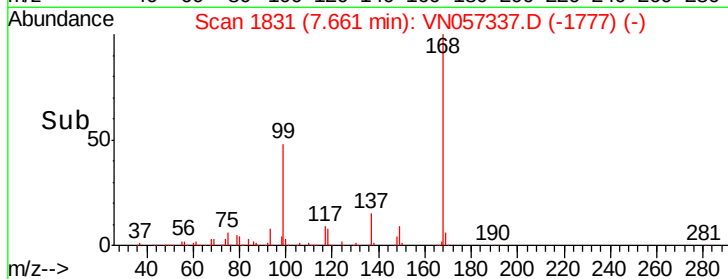
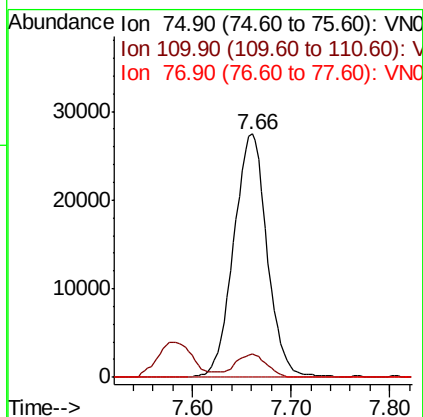
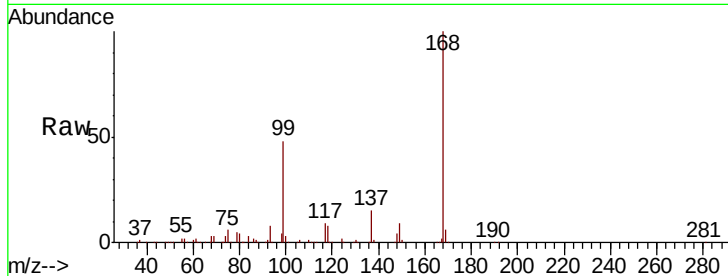




#36
 1,1-Dichloropropene
 Concen: 4.853 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

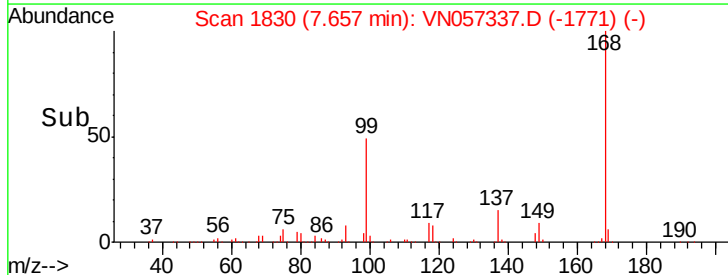
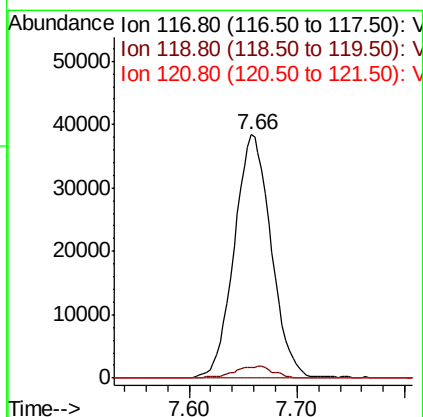
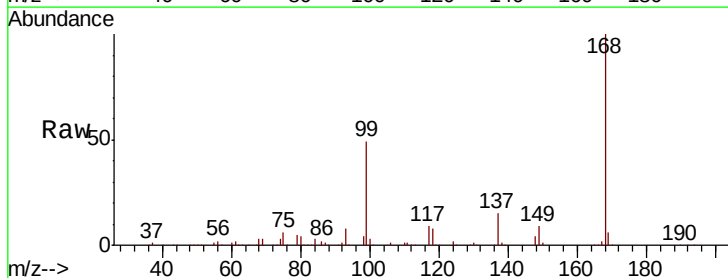
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(3)

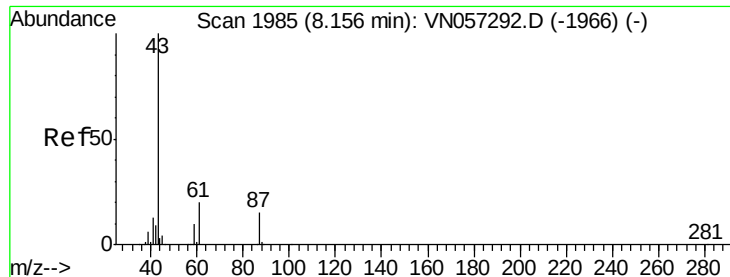
Tgt Ion: 75 Resp: 64711
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.5 58.5#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.584 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

Tgt Ion: 117 Resp: 91214
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.8 115.2#
 121 0.0 25.0 37.4#





#43

Isopropyl Acetate

Concen: 9.779 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G1-(3)

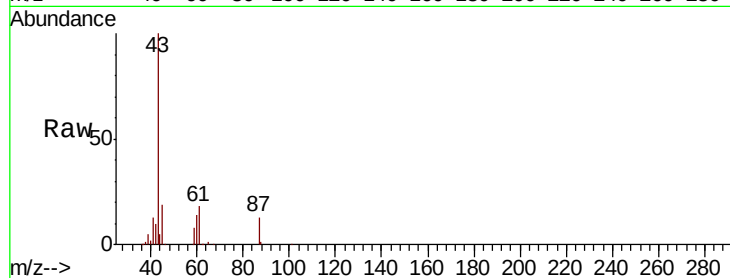
Tgt Ion: 43 Resp: 213418

Ion Ratio Lower Upper

43 100

61 14.3 21.6 32.4#

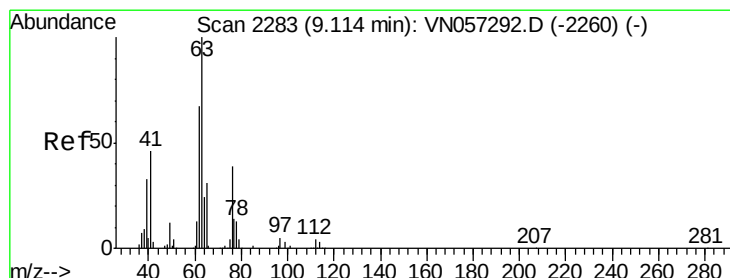
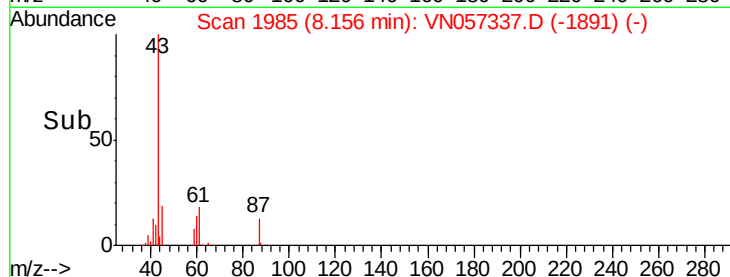
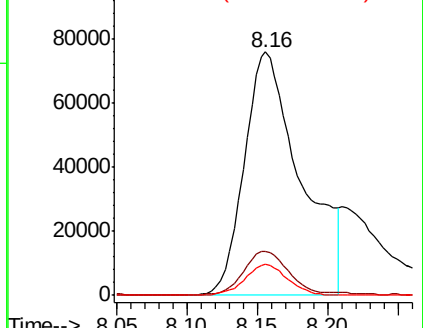
87 9.5 11.4 17.0#



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: 0.301 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057337.D

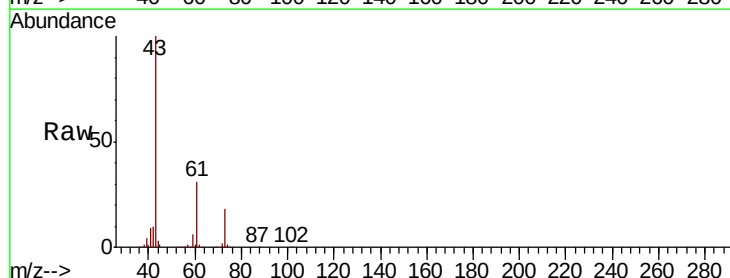
Acq: 15 Aug 2019 17:29

Tgt Ion: 63 Resp: 3165

Ion Ratio Lower Upper

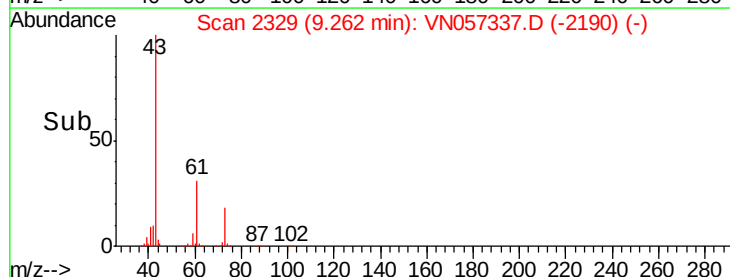
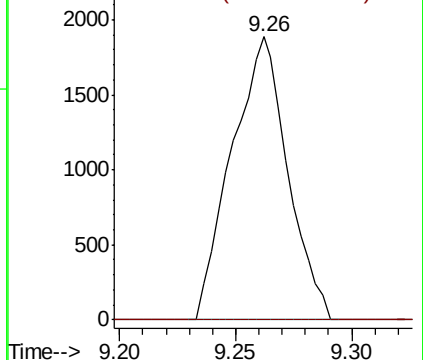
63 100

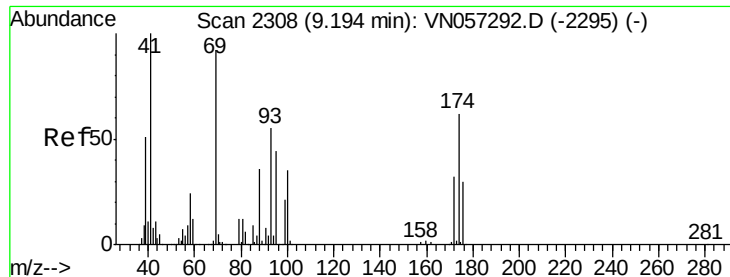
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

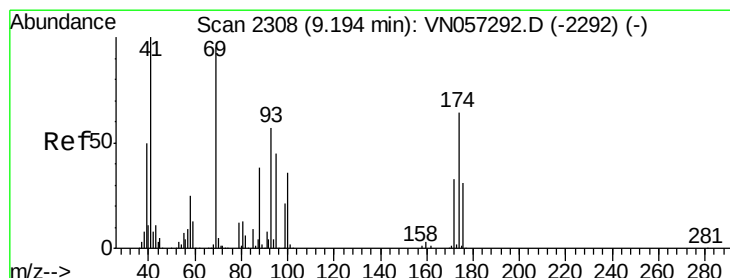
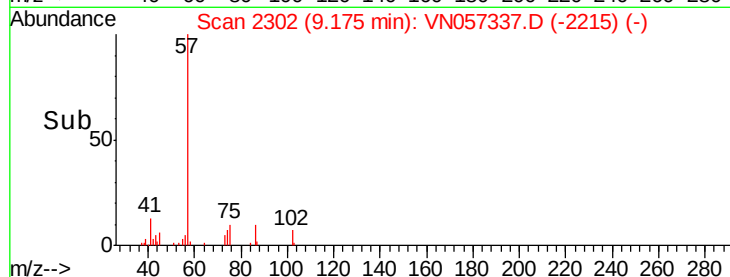
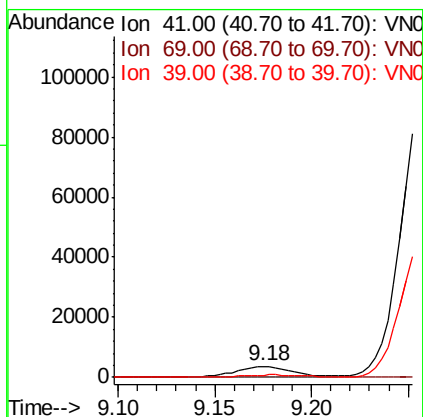
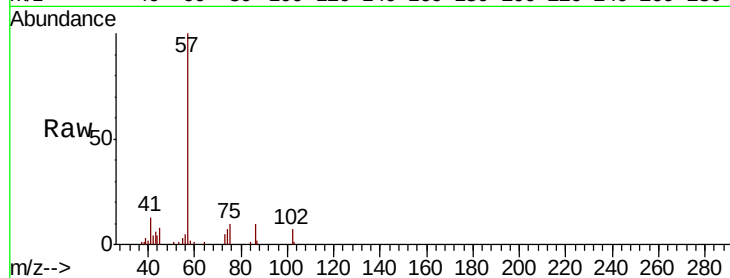




#48
Methyl methacrylate
Concen: 0.855 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

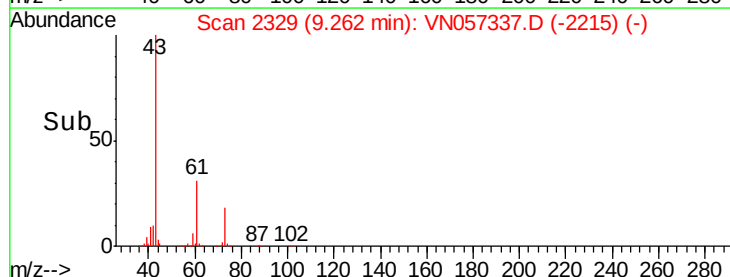
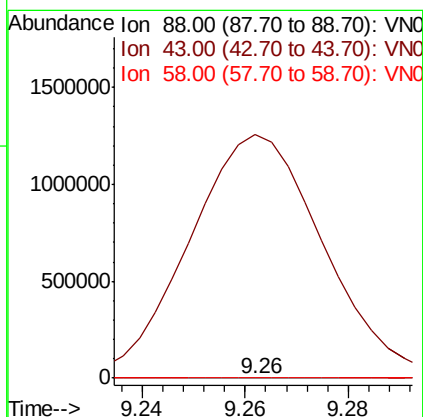
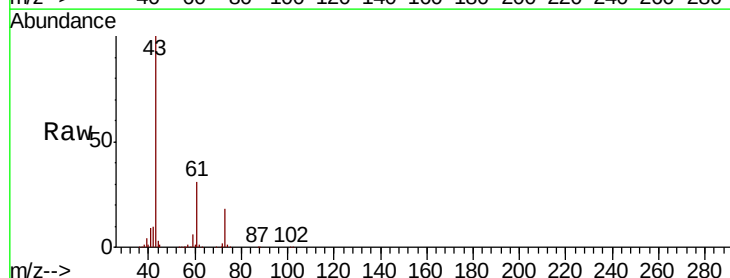
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(3)

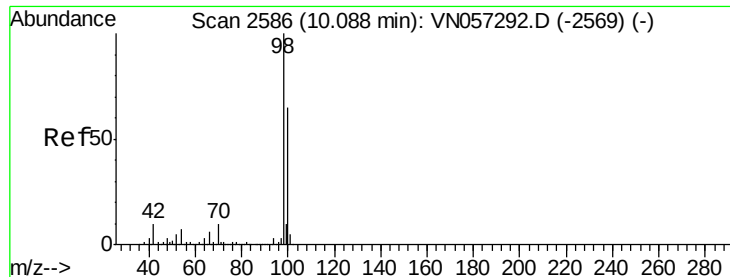
Tgt Ion: 41 Resp: 7692
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#



#49
1,4-Dioxane
Concen: 1.608 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

Tgt Ion: 88 Resp: 304
Ion Ratio Lower Upper
88 100
43 761752.0 22.9 34.3#
58 3465.1 52.7 79.1#





#50

Toluene-d8

Concen: 48.472 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

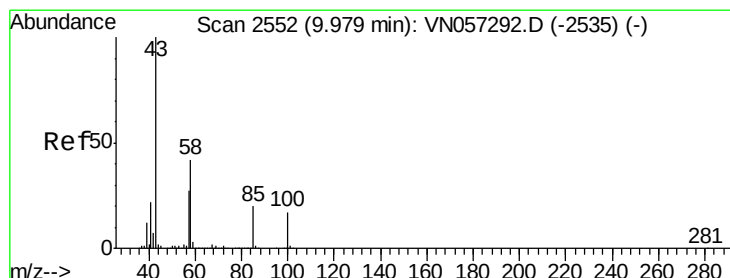
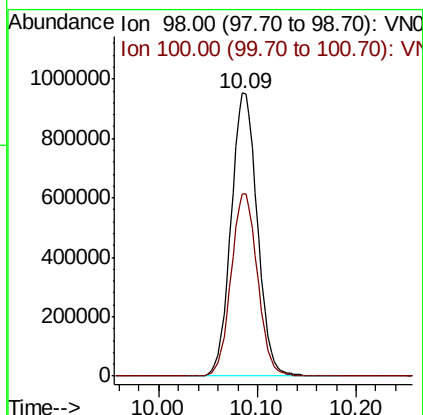
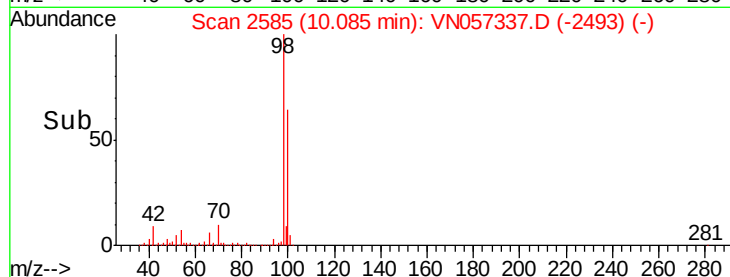
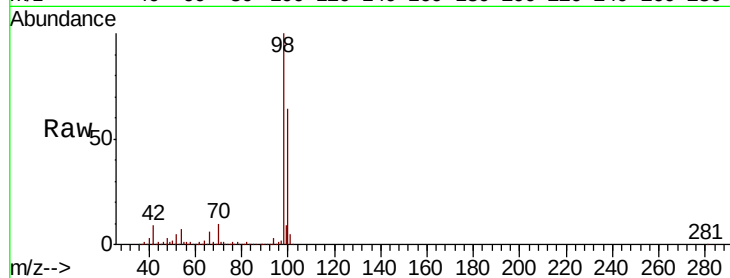
REACTOR-3-G1-(3)

Tgt Ion: 98 Resp: 1754939

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.775 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN057337.D

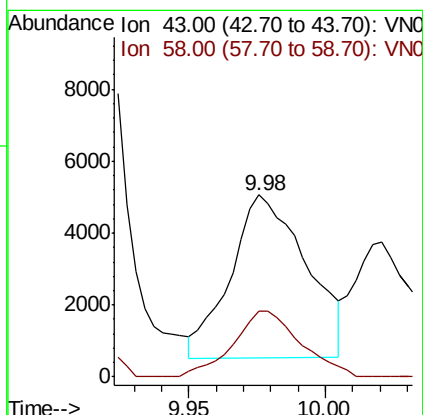
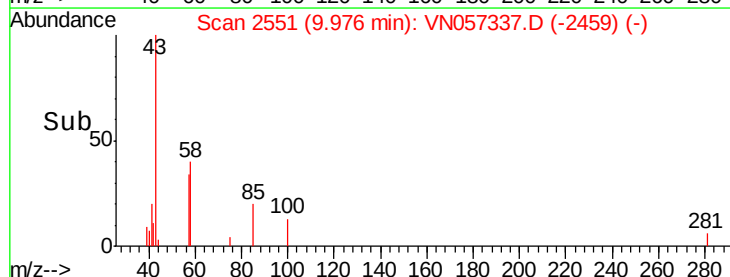
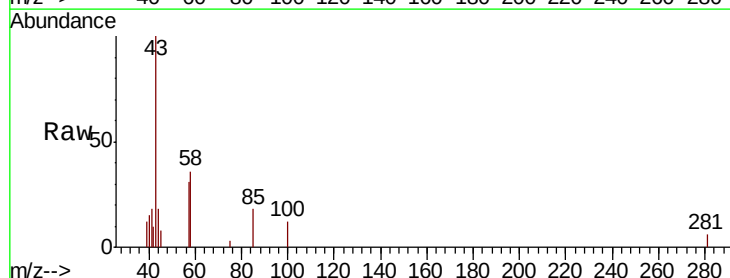
Acq: 15 Aug 2019 17:29

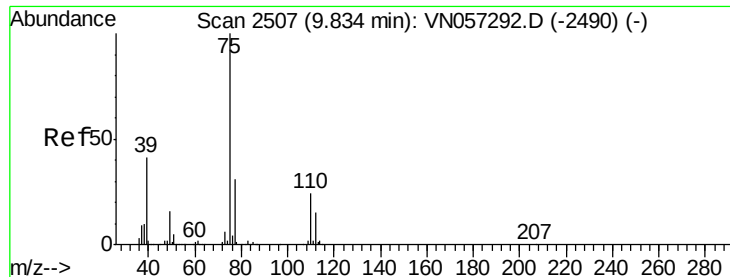
Tgt Ion: 43 Resp: 8728

Ion Ratio Lower Upper

43 100

58 35.9 33.2 49.8





#54

cis-1,3-Dichloropropene

Concen: 4.217 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G1-(3)

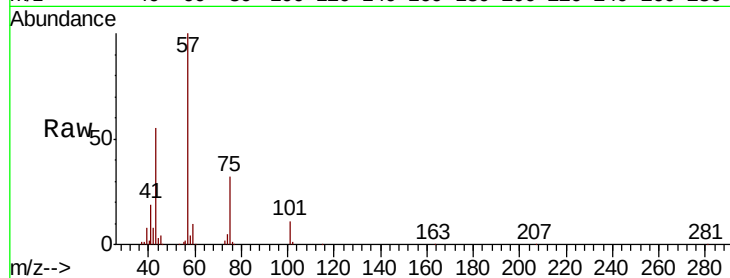
Tgt Ion: 75 Resp: 69882

Ion Ratio Lower Upper

75 100

77 0.6 24.9 37.3#

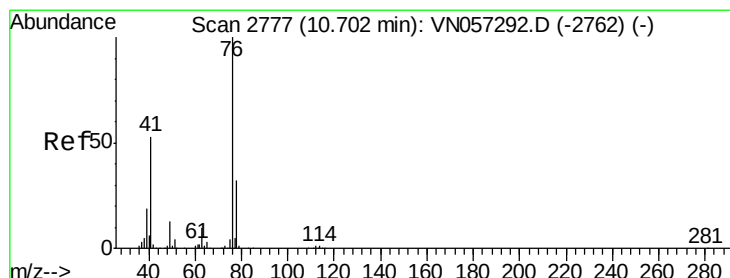
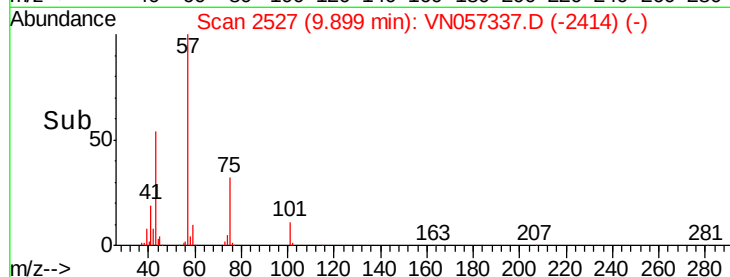
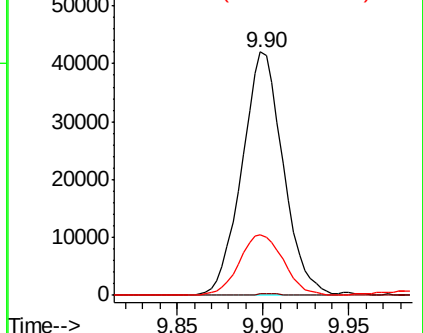
39 25.1 32.7 49.1#



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-Dichloropropene

Concen: 0.729 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057337.D

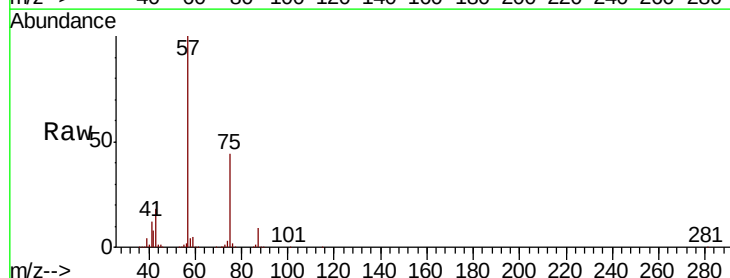
Acq: 15 Aug 2019 17:29

Tgt Ion: 76 Resp: 12163

Ion Ratio Lower Upper

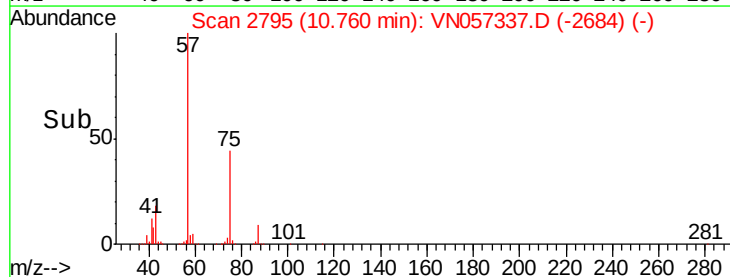
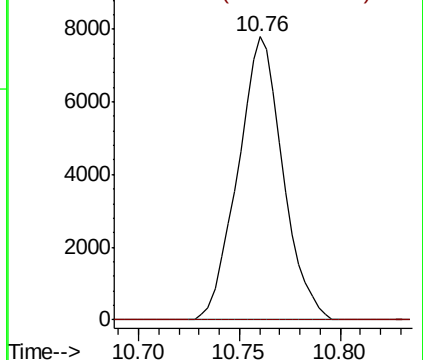
76 100

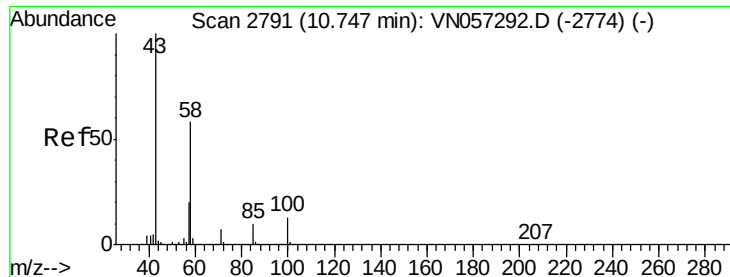
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 17.407 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

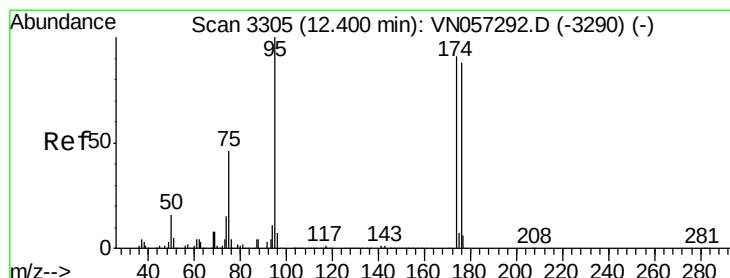
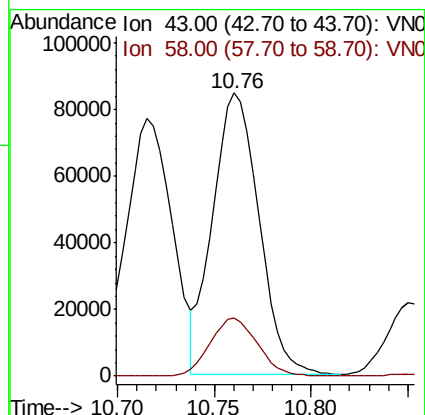
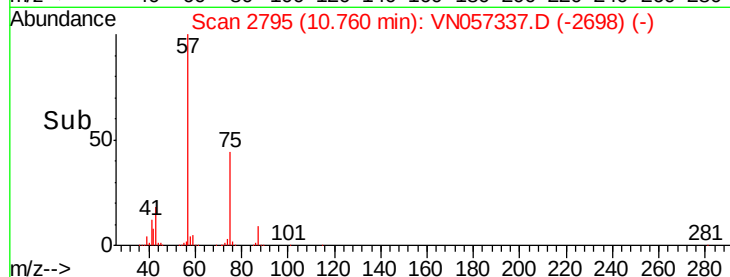
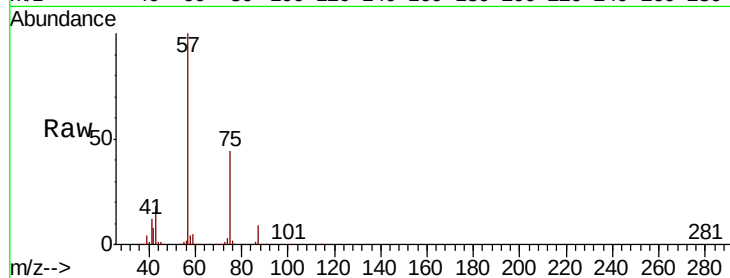
REACTOR-3-G1-(3)

Tgt Ion: 43 Resp: 140982

Ion Ratio Lower Upper

43 100

58 21.1 28.6 85.9#



#62

4-Bromofluorobenzene

Concen: 35.313 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

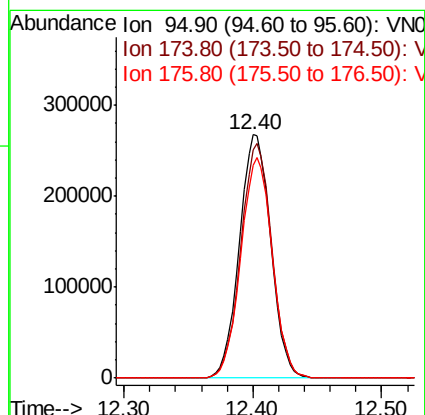
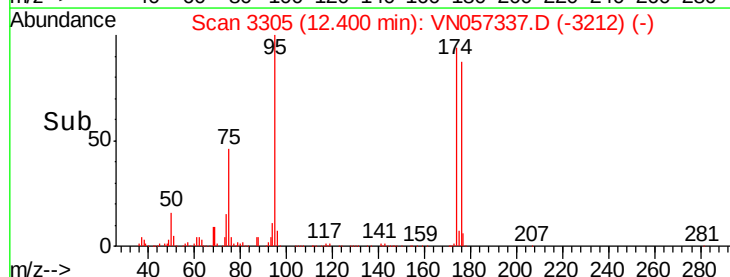
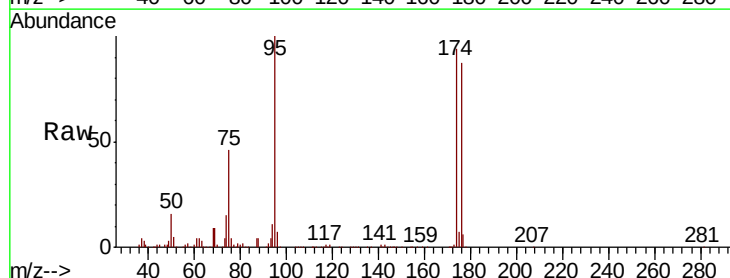
Tgt Ion: 95 Resp: 451816

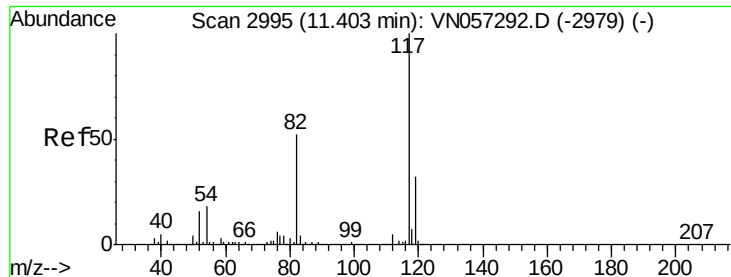
Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.0

176 90.9 0.0 181.0

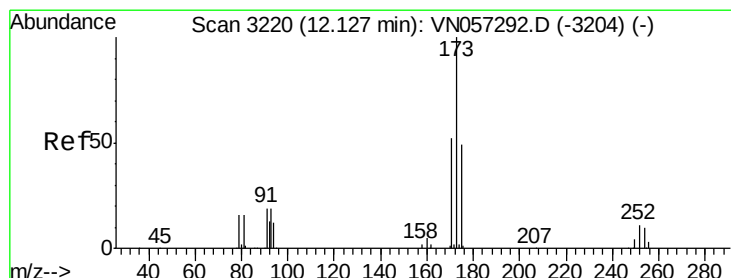
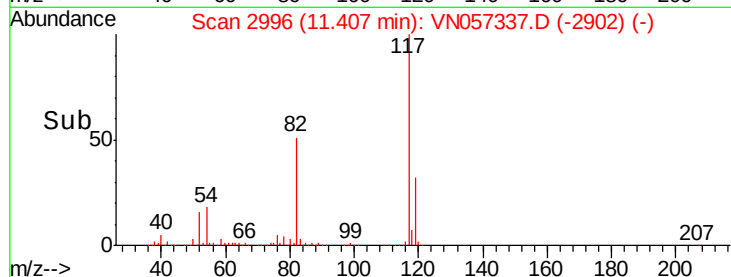
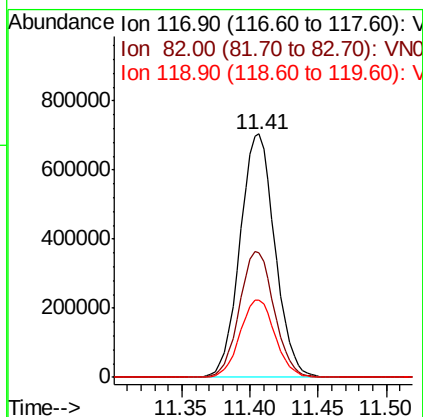
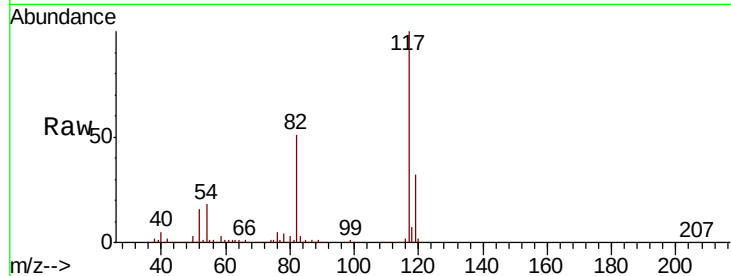




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

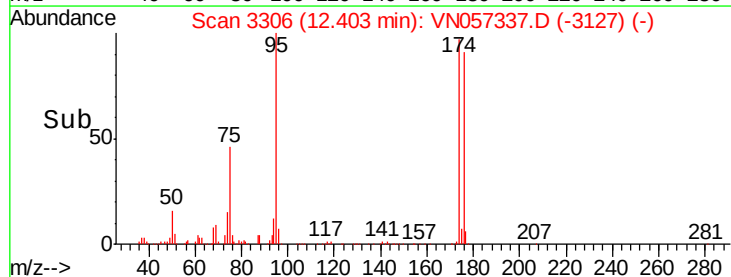
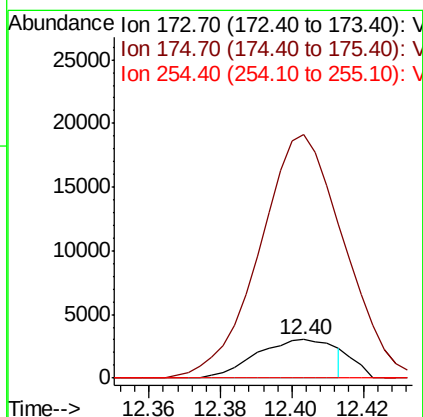
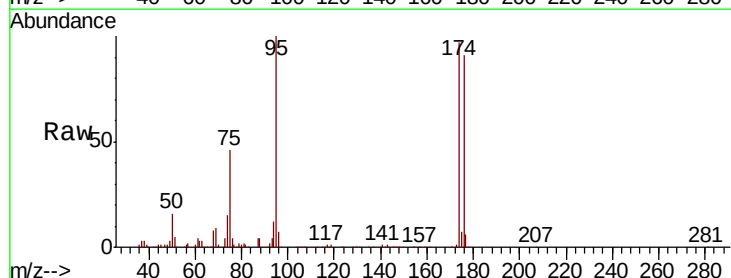
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(3)

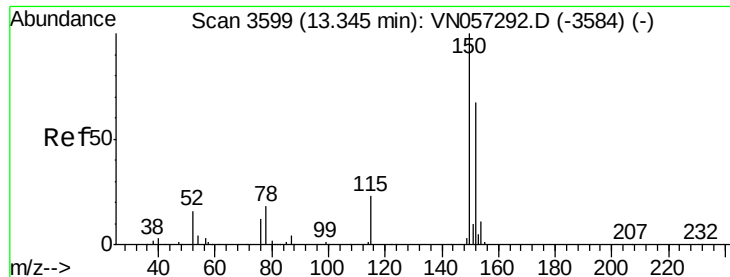
Tgt Ion:117 Resp: 1249644
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 31.8 25.8 38.8



#71
Bromoform
Concen: 0.596 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

Tgt Ion:173 Resp: 4588
Ion Ratio Lower Upper
173 100
175 581.1 24.2 72.6#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G1-(3)

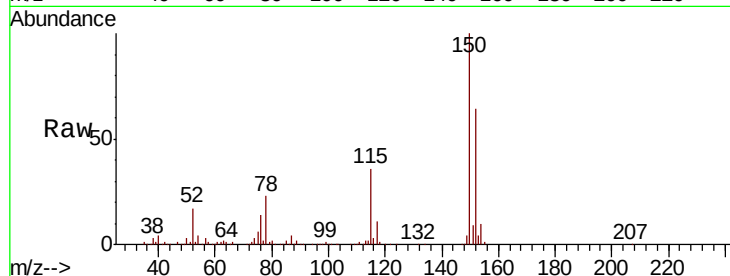
Tgt Ion:152 Resp: 312342

Ion Ratio Lower Upper

152 100

115 54.8 27.3 81.9

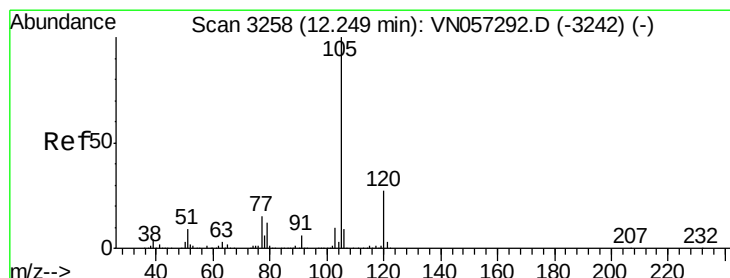
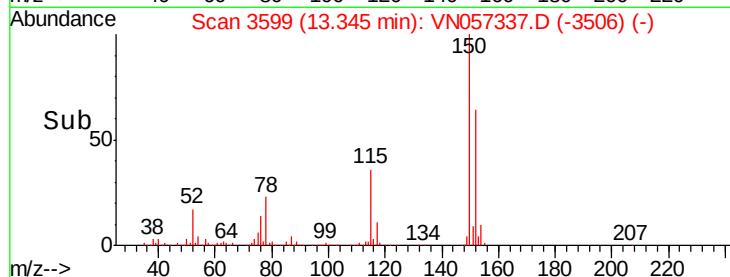
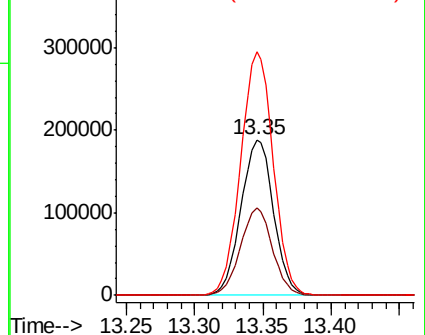
150 156.5 0.0 344.4



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: 12.26 min Scan# 3261

Delta R.T. 0.01 min

Lab File: VN057337.D

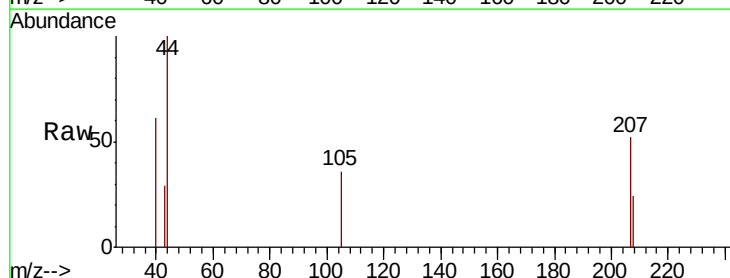
Acq: 15 Aug 2019 17:29

Tgt Ion:105 Resp: 161

Ion Ratio Lower Upper

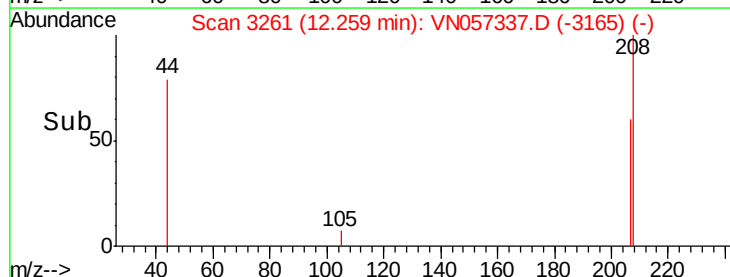
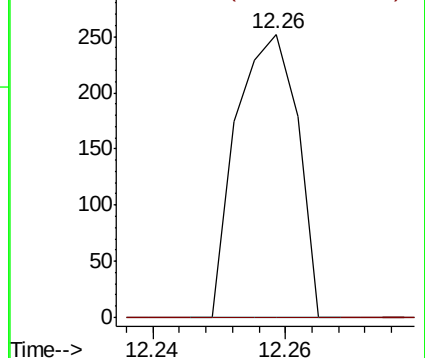
105 100

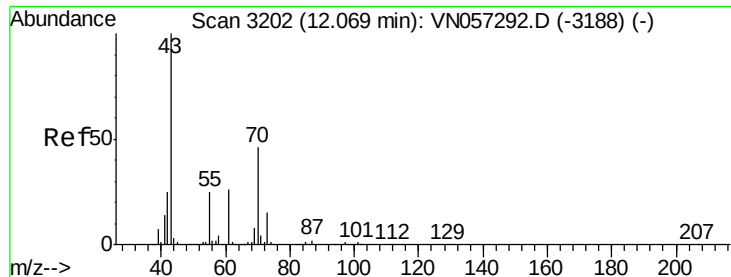
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.420 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G1-(3)

Tgt Ion: 43 Resp: 3807

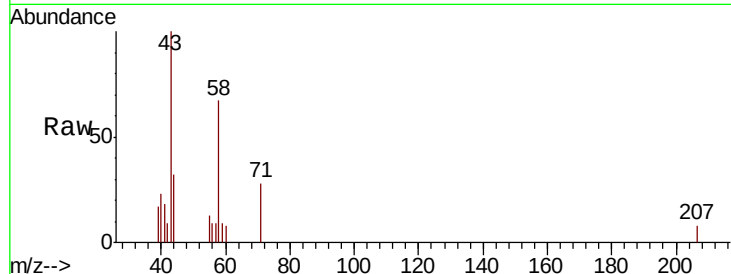
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 17.3 20.1 30.1#

61 0.0 20.9 31.3#

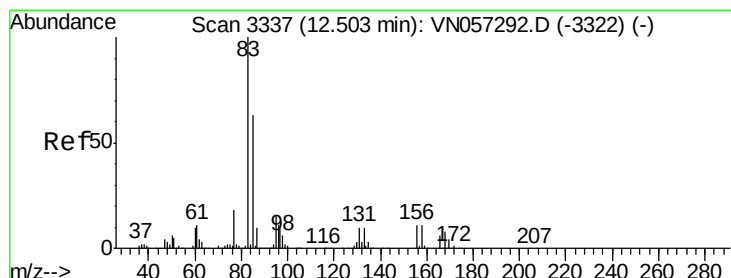
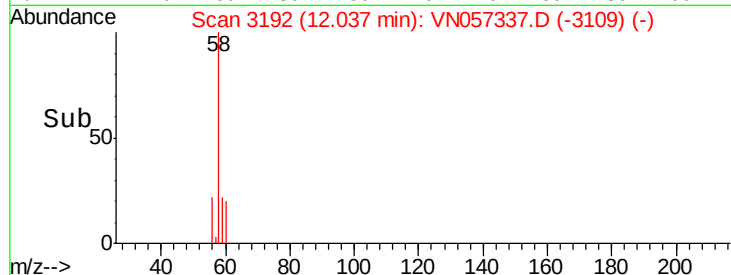
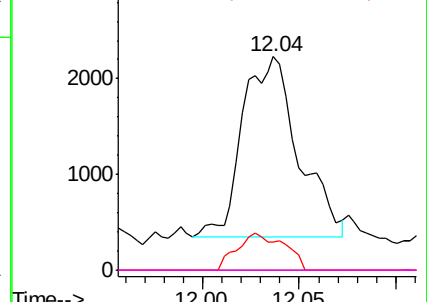


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

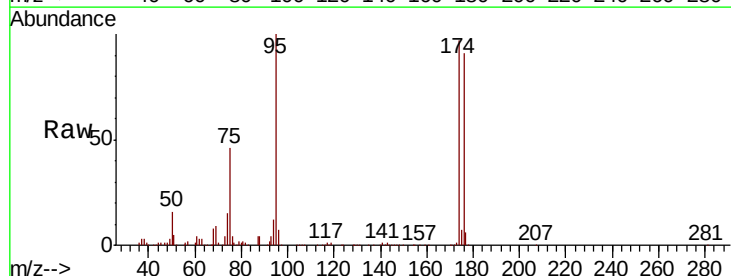
Tgt Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

131 338.0 5.4 16.2#

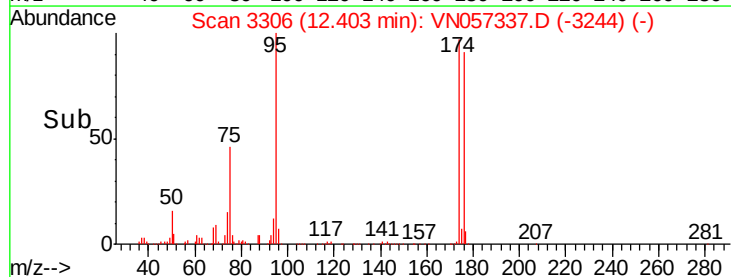
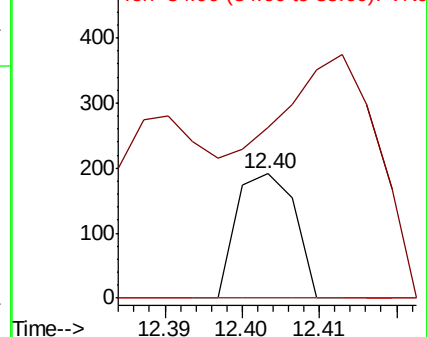
85 0.0 32.3 96.9#

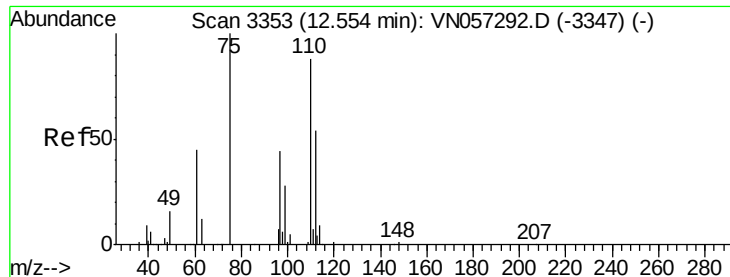


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.232 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

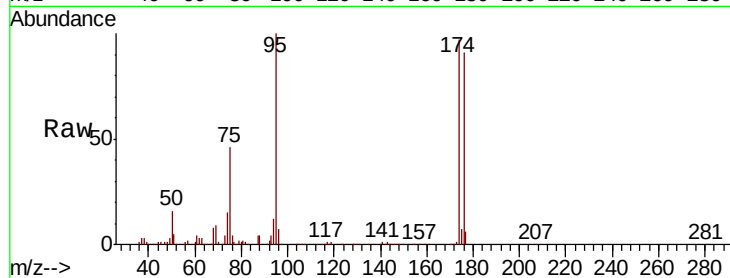
REACTOR-3-G1-(3)

Tgt Ion: 75 Resp: 208230

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

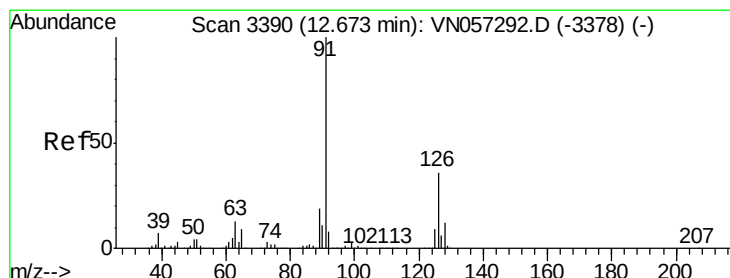
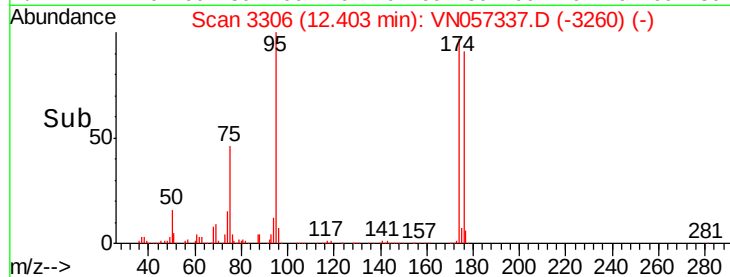
100000

50000

0

Time-->

12.35 12.40 12.45



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VN057337.D

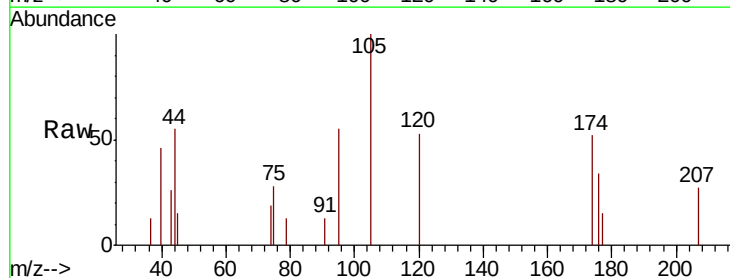
Acq: 15 Aug 2019 17:29

Tgt Ion: 91 Resp: 62

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

200

150

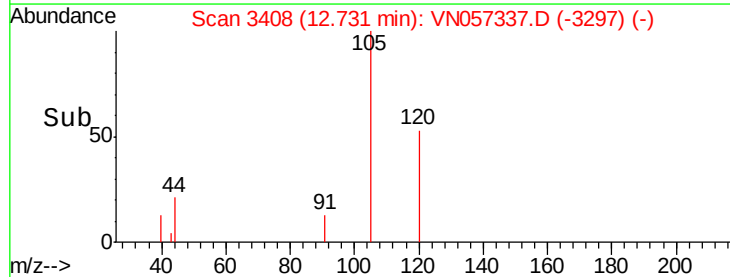
100

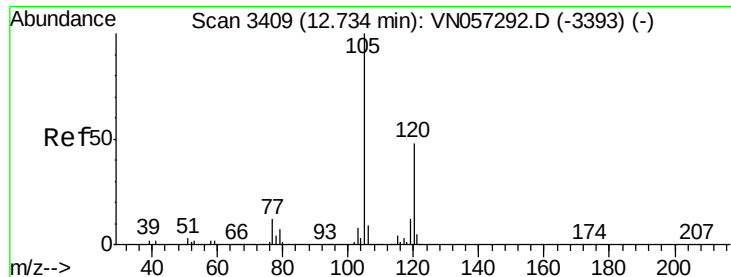
50

0

Time-->

12.72 12.73 12.74

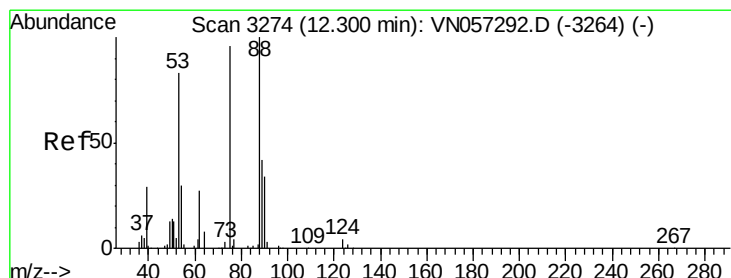
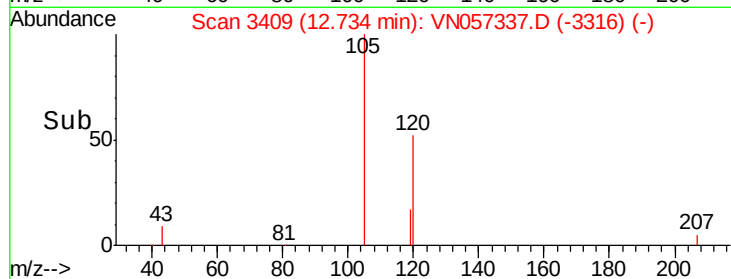
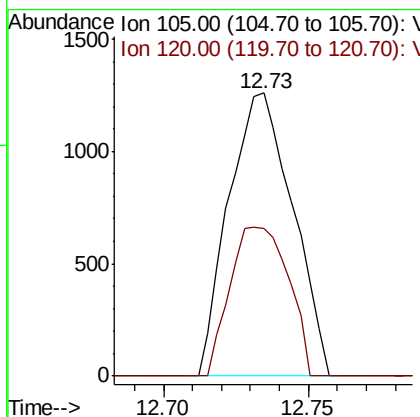
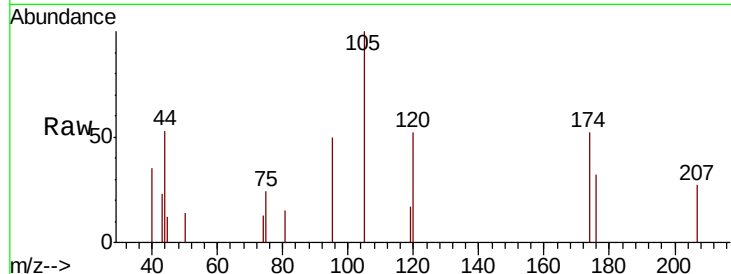




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

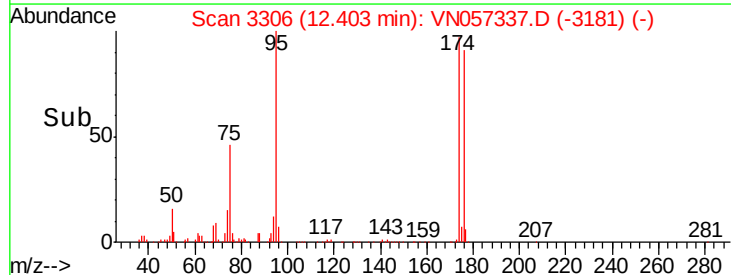
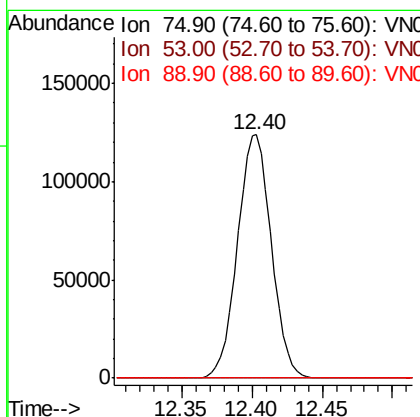
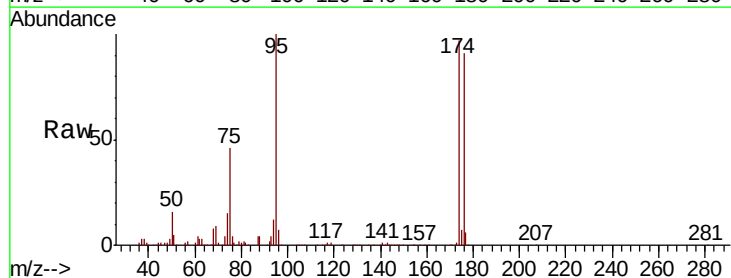
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(3)

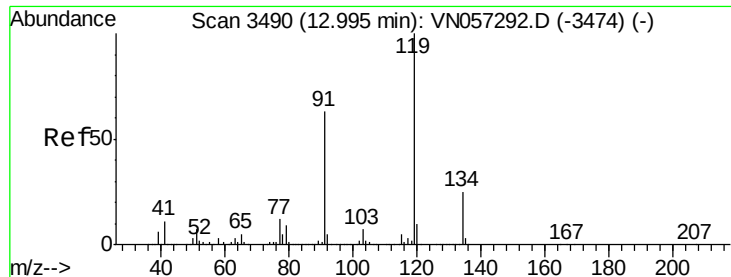
Tgt Ion: 105 Resp: 1922
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.293 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

Tgt Ion: 75 Resp: 208230
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

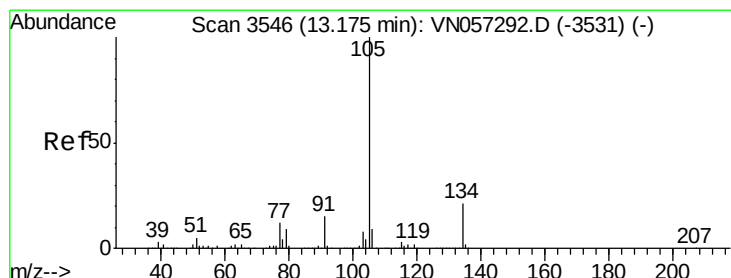
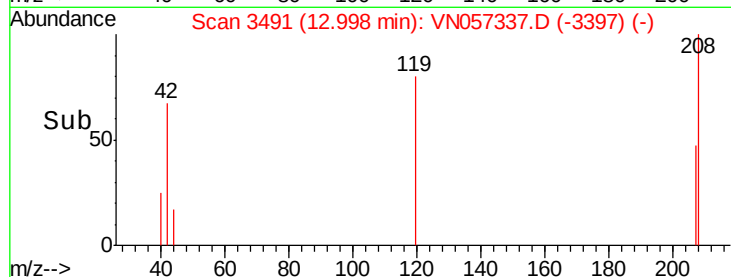
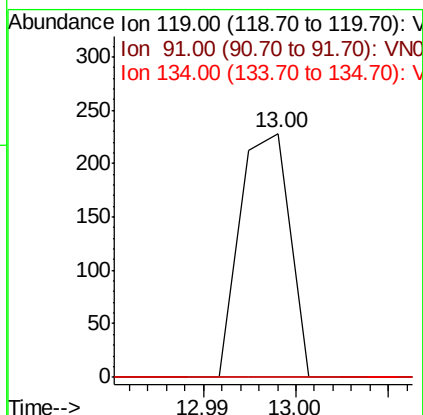
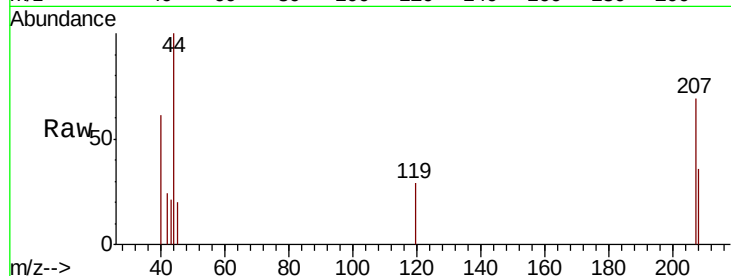




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

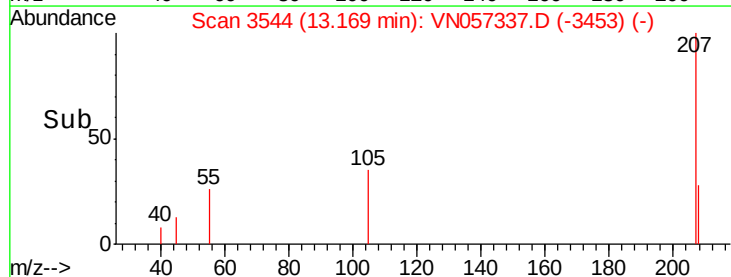
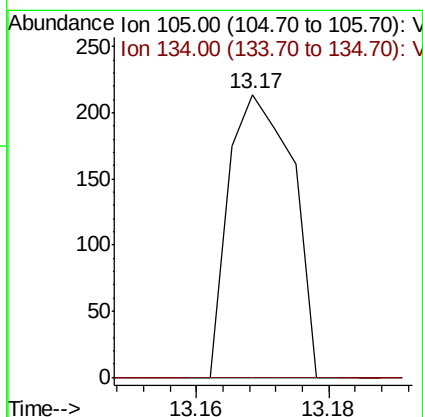
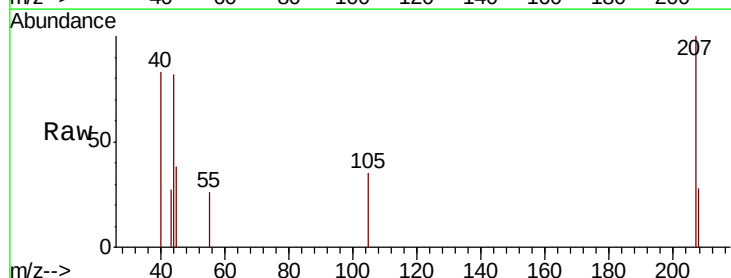
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G1-(3)

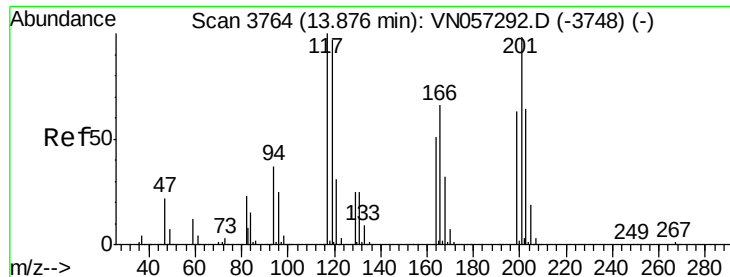
Tgt Ion:119 Resp: 85
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.3 93.8#
 134 0.0 13.1 39.1#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.01 min
 Lab File: VN057337.D
 Acq: 15 Aug 2019 17:29

Tgt Ion:105 Resp: 142
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.64 min Scan# 3691

Delta R.T. -0.23 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

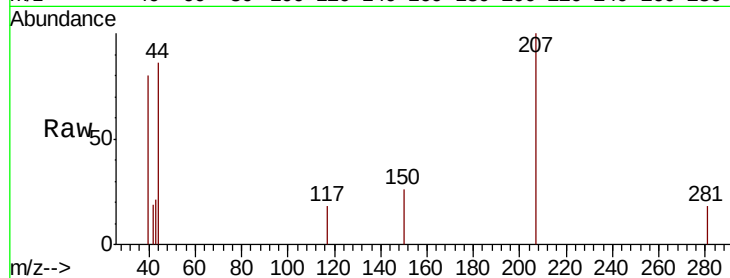
REACTOR-3-G1-(3)

Tgt Ion:117 Resp: 29

Ion Ratio Lower Upper

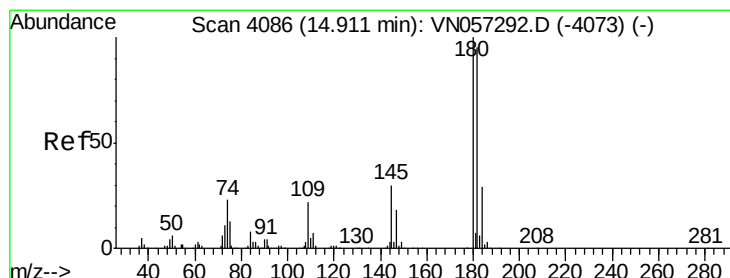
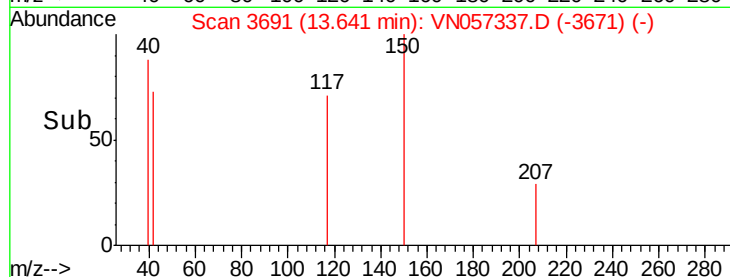
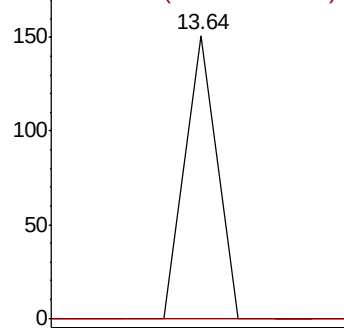
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 5.364 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN057337.D

Acq: 15 Aug 2019 17:29

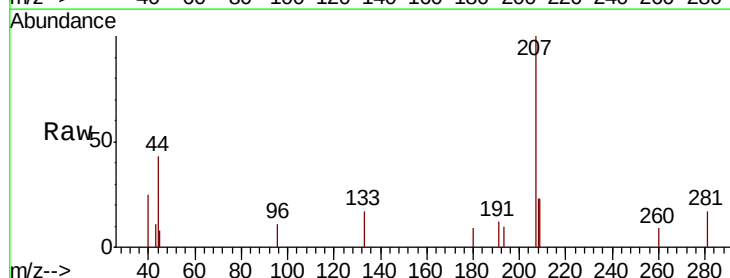
Tgt Ion:180 Resp: 36

Ion Ratio Lower Upper

180 100

182 105.6 48.0 144.2

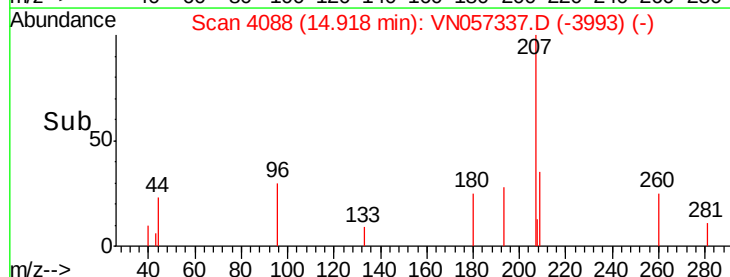
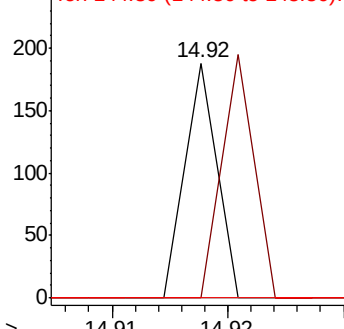
145 0.0 14.5 43.6#

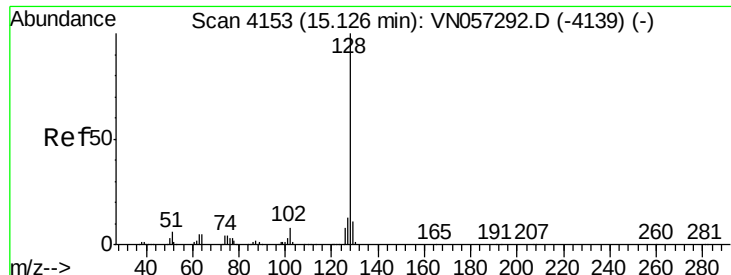


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

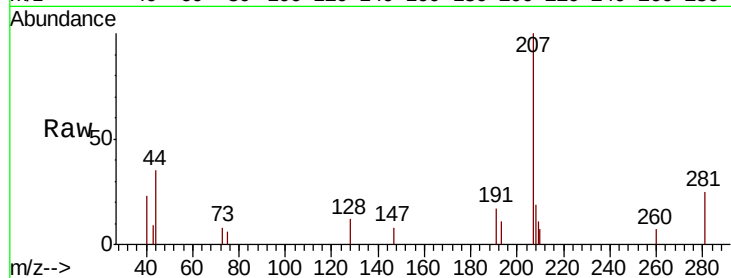




#95
Naphthalene
Concen: Below Cal
RT: 15.12 min Scan# 4151
Delta R.T. -0.01 min
Lab File: VN057337.D
Acq: 15 Aug 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G1-(3)

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

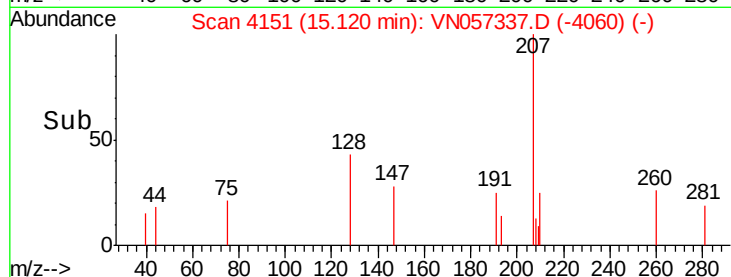
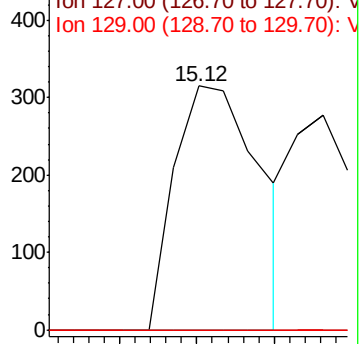


Abundance

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-->