

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
 Data File : VN057336.D
 Acq On : 15 Aug 2019 17:05
 Operator : JC/SP
 Sample : K4264-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(2)

Quant Time: Aug 16 02:02:26 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	1107966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1552174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1281327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	519546	43.13	ug/l	0.00
Spiked Amount						
			Recovery	=	86.26%	
35) Dibromofluoromethane	7.58	113	460130	45.22	ug/l	0.00
Spiked Amount						
			Recovery	=	90.44%	
50) Toluene-d8	10.09	98	1799539	48.36	ug/l	0.00
Spiked Amount						
			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	467896	35.58	ug/l	0.00
Spiked Amount						
			Recovery	=	71.16%	

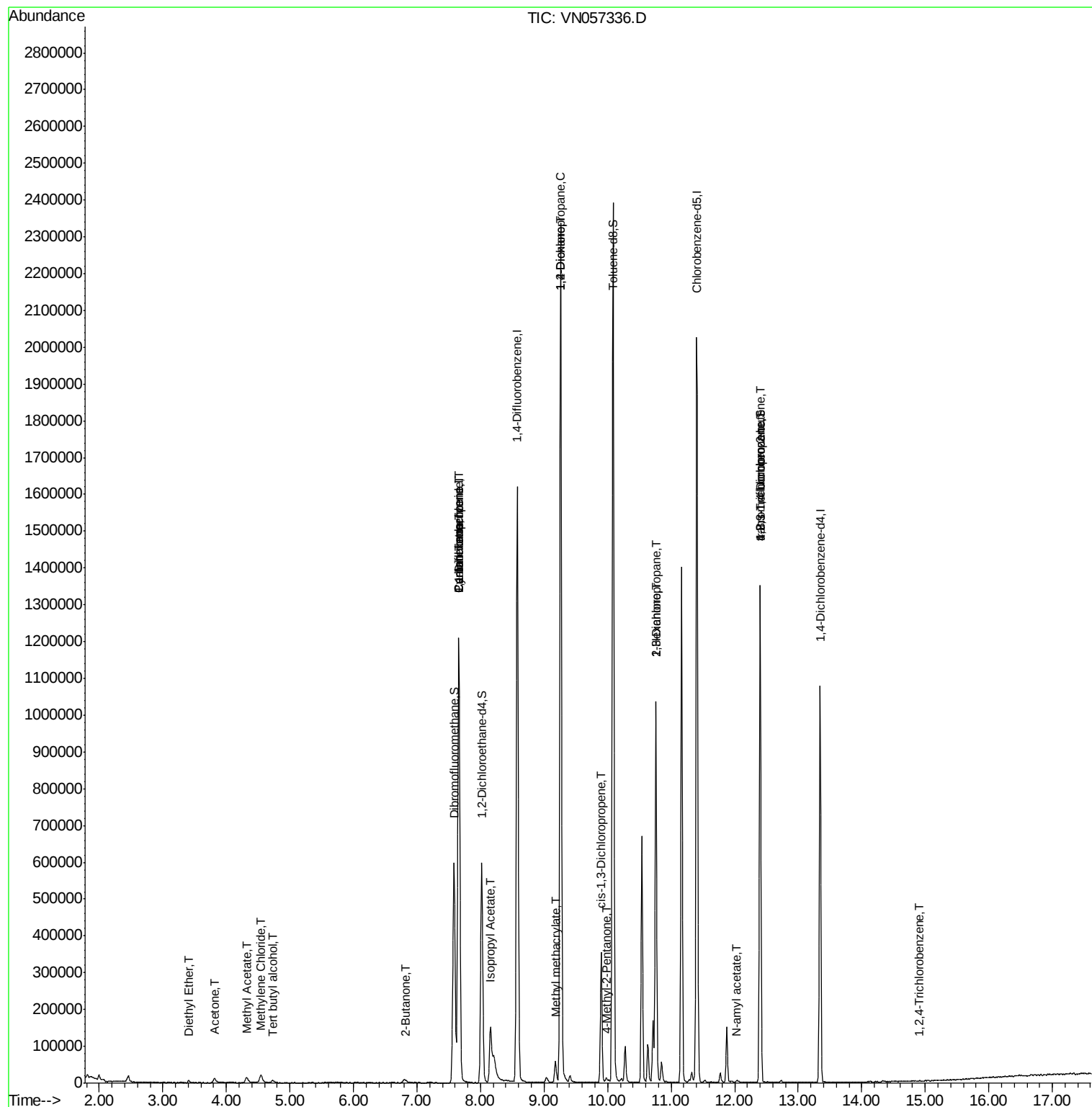
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.40	74	2923	0.468	ug/l	82
11) Tert butyl alcohol	4.72	59	6719	3.924	ug/l #	73
16) Acetone	3.81	43	18301	4.380	ug/l	96
18) Methyl Acetate	4.32	43	29982	0.279	ug/l	97
20) Methylene Chloride	4.54	84	16706	1.429	ug/l #	90
25) 2-Butanone	6.83	43	2497	0.413	ug/l #	77
31) Cyclohexane	7.65	56	15645	0.953	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	66625	4.861	ug/l #	48
38) Carbon Tetrachloride	7.66	117	93917	6.596	ug/l #	16
43) Isopropyl Acetate	8.16	43	185527	8.093	ug/l #	85
45) 1,2-Dichloropropane	9.26	63	3069	0.284	ug/l #	44
48) Methyl methacrylate	9.18	41	8095	0.876	ug/l #	11
49) 1,4-Dioxane	9.26	88	250	1.286	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8709	0.752	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	70629	4.146	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	12495	0.729	ug/l #	43
59) 2-Hexanone	10.76	43	145264	17.449	ug/l #	49
73) Isopropylbenzene	12.26	105	97	Below Cal	#	49
74) N-amyl acetate	12.03	43	3888	0.421	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.40	83	31	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	215692	33.847	ug/l #	100
79) 2-Chlorotoluene	12.60	91	435	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.74	105	1833	Below Cal		74
81) trans-1,4-Dichloro-2-buten	12.40	75	215692	82.715	ug/l #	15
83) tert-Butylbenzene	12.99	119	62	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	159	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	35	5.363	ug/l #	12
95) Naphthalene	15.13	128	259	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	152	Below Cal	#	56

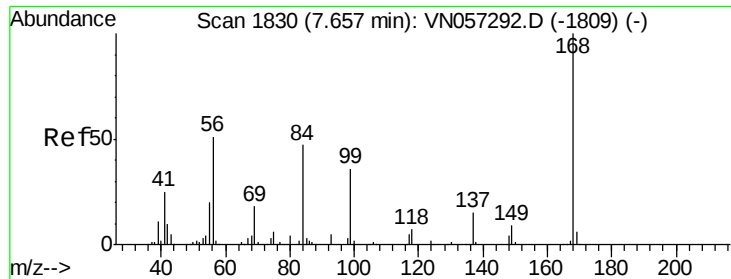
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

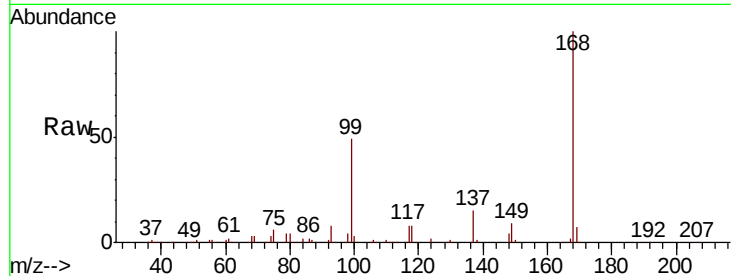
REACTOR-3-G4-(2)

Tgt Ion:168 Resp: 1107966

Ion Ratio Lower Upper

168 100

99 48.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

500000

400000

300000

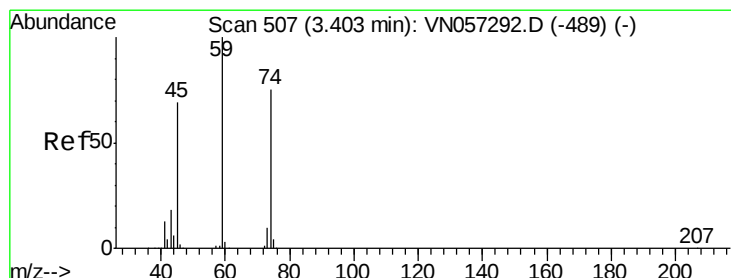
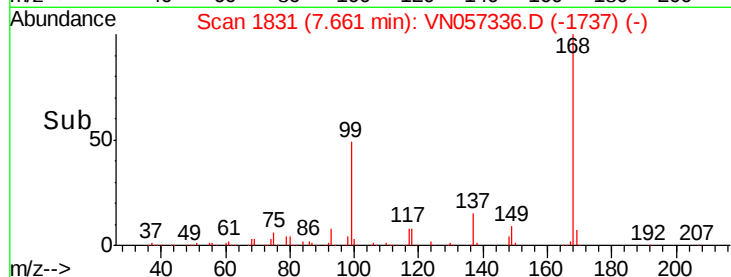
200000

100000

0

Time-->

7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.468 ug/l

RT: 3.40 min Scan# 506

Delta R.T. -0.00 min

Lab File: VN057336.D

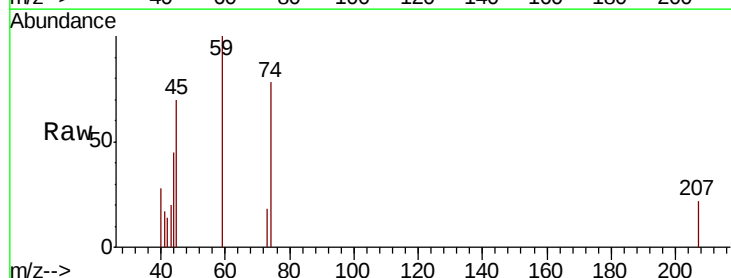
Acq: 15 Aug 2019 17:05

Tgt Ion: 74 Resp: 2923

Ion Ratio Lower Upper

74 100

45 108.6 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.40

1500

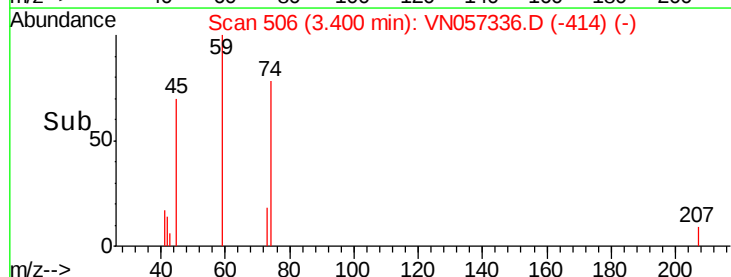
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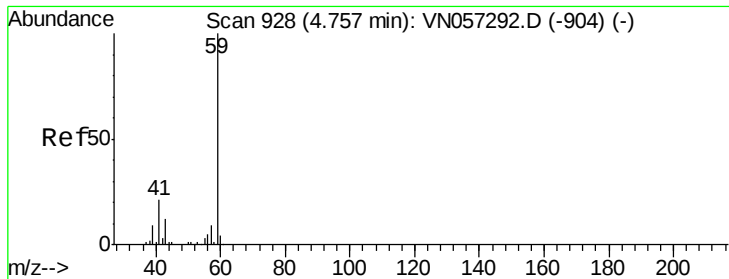
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Time-->

3.35 3.40 3.45

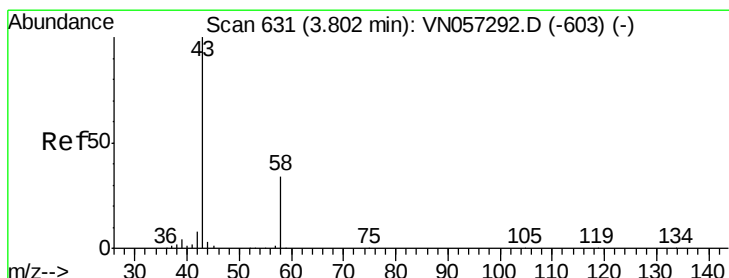
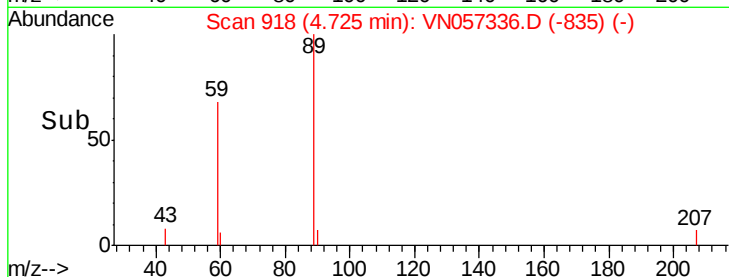
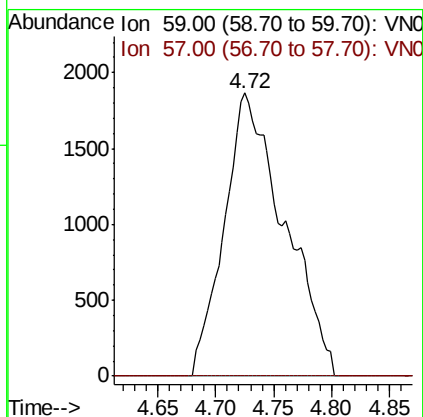
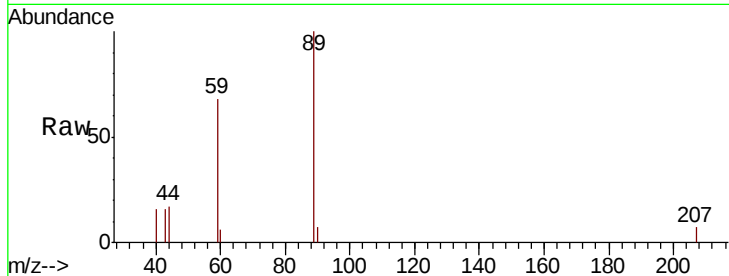




#11
Tert butyl alcohol
Concen: 3.924 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.03 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

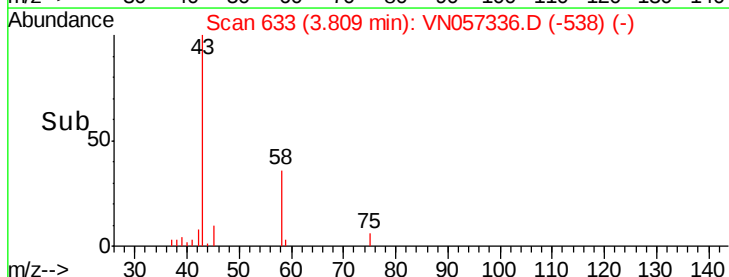
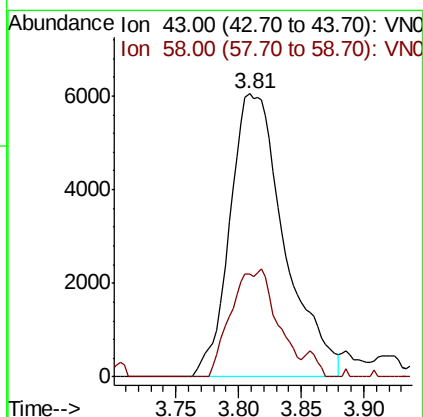
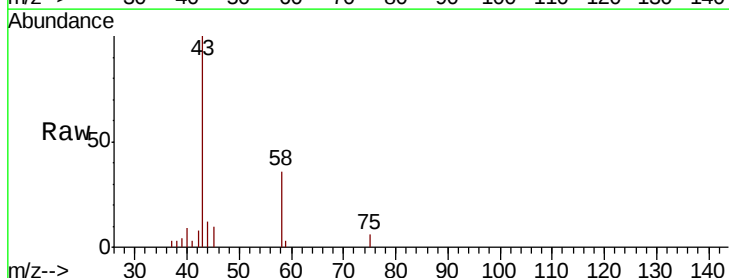
Instrument :
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REACTOR-3-G4-(2)

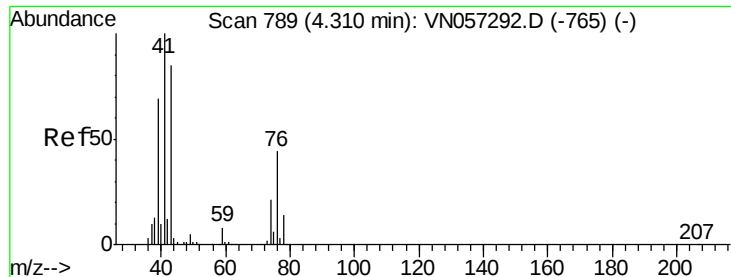
Tgt Ion: 59 Resp: 6719
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 4.380 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

Tgt Ion: 43 Resp: 18301
Ion Ratio Lower Upper
43 100
58 36.2 27.0 40.6

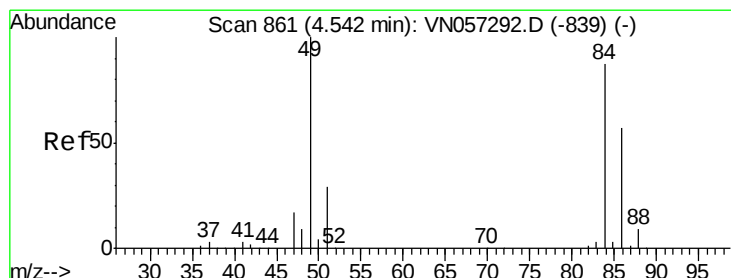
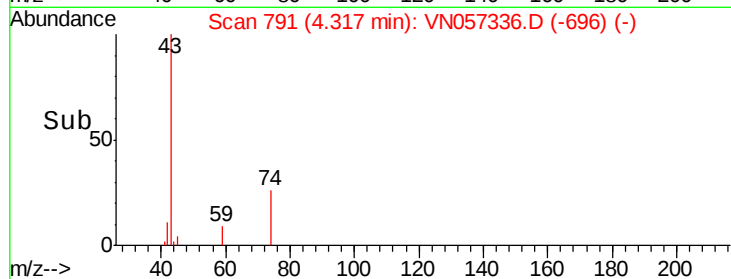
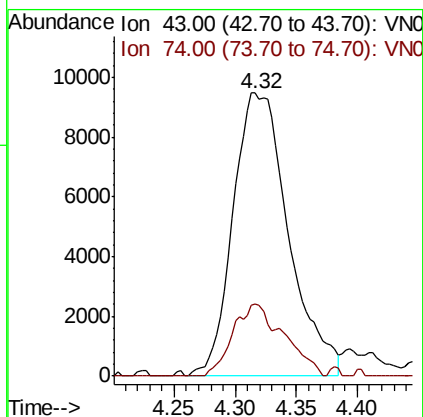
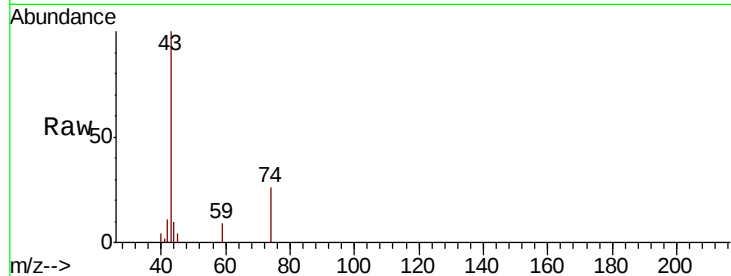




#18
Methyl Acetate
Concen: 0.279 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

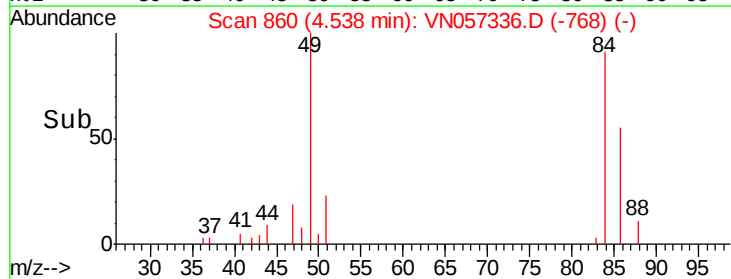
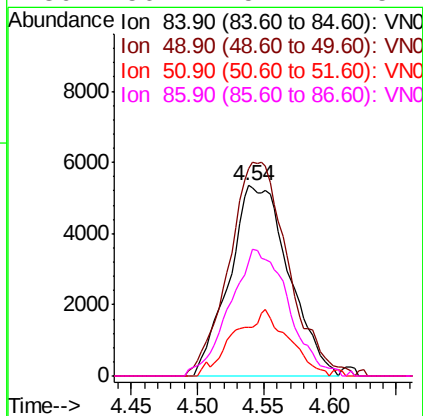
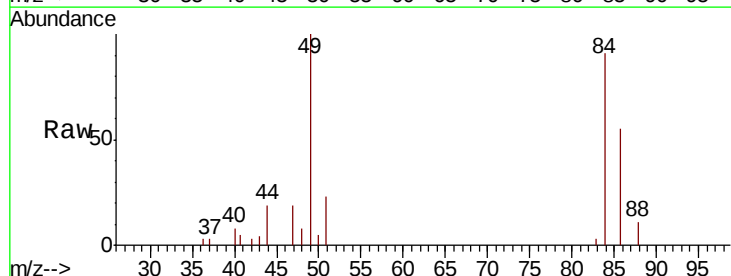
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G4-(2)

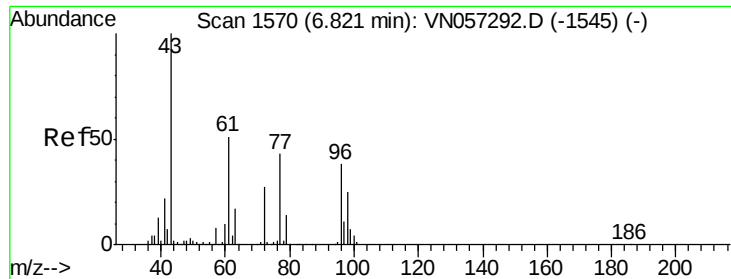
Tgt Ion: 43 Resp: 29982
Ion Ratio Lower Upper
43 100
74 23.5 20.2 30.2



#20
Methylene Chloride
Concen: 1.429 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

Tgt Ion: 84 Resp: 16706
Ion Ratio Lower Upper
84 100
49 106.5 92.0 138.0
51 25.5 27.1 40.7#
86 56.4 52.2 78.2

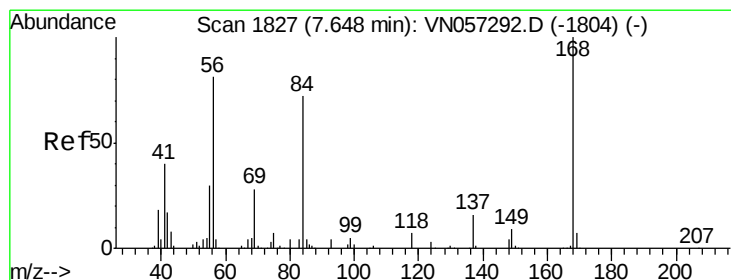
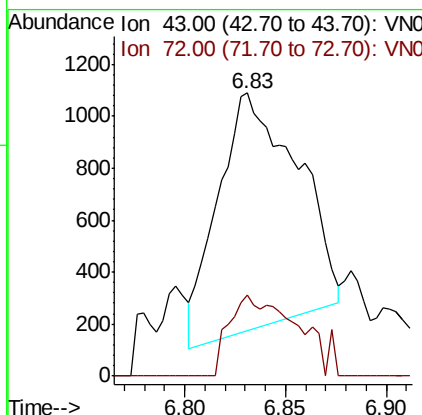
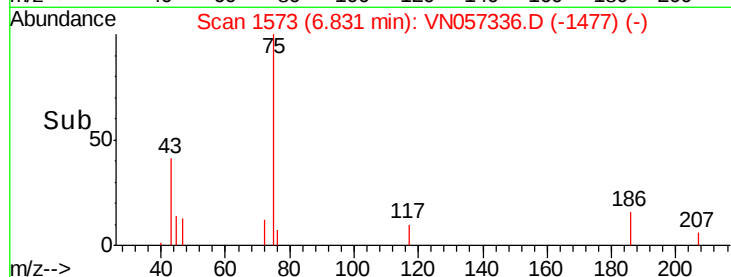
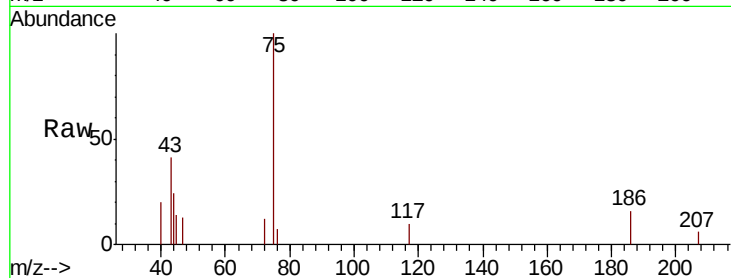




#25
2-Butanone
Concen: 0.413 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

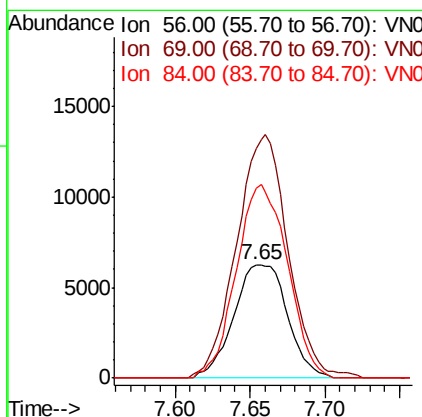
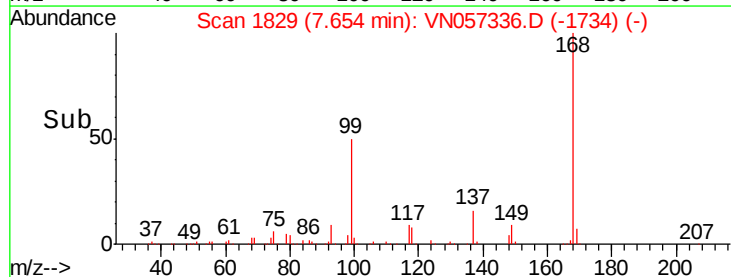
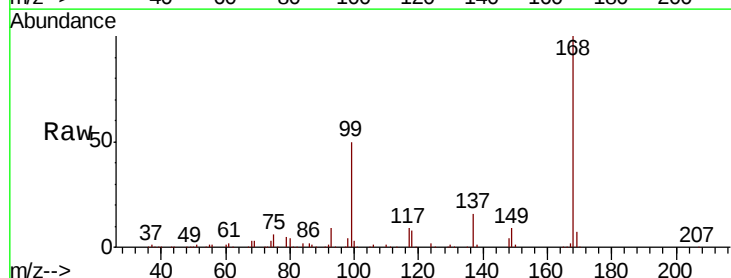
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REACTOR-3-G4-(2)

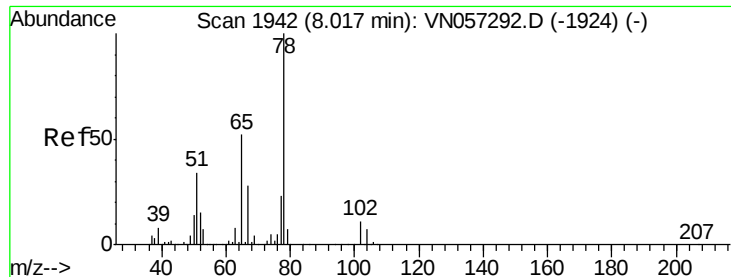
Tgt Ion: 43 Resp: 2497
Ion Ratio Lower Upper
43 100
72 38.6 21.5 32.3#



#31
Cyclohexane
Concen: 0.953 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

Tgt Ion: 56 Resp: 15645
Ion Ratio Lower Upper
56 100
69 202.0 27.3 40.9#
84 166.7 71.0 106.6#

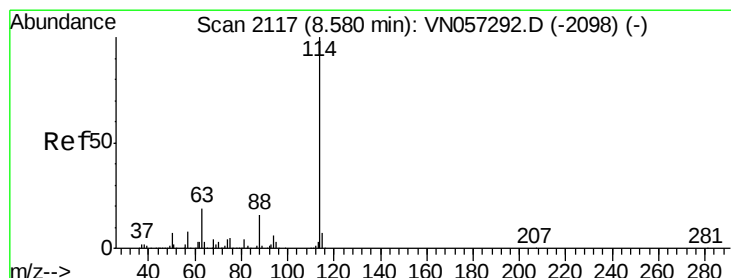
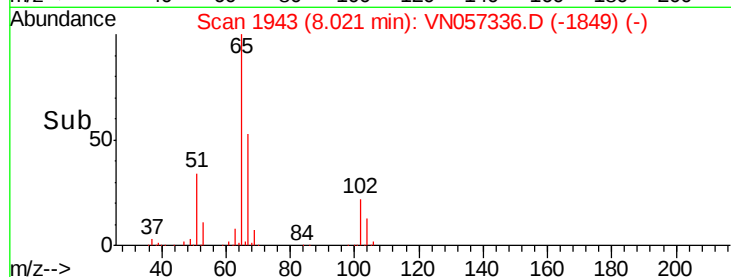
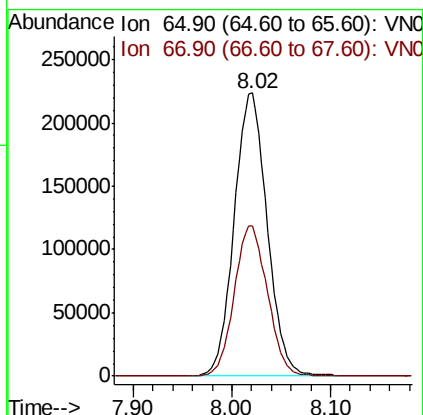
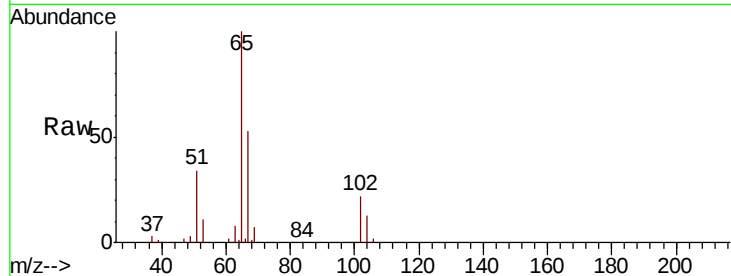




#33
 1,2-Dichloroethane-d4
 Concen: 43.134 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

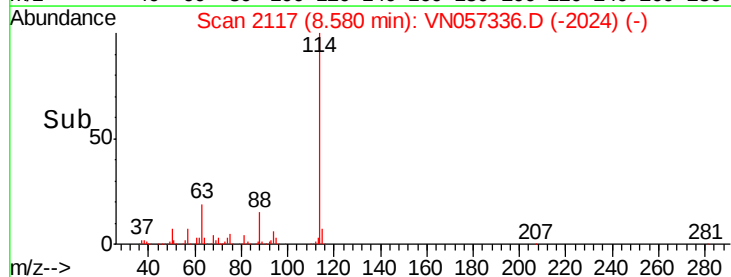
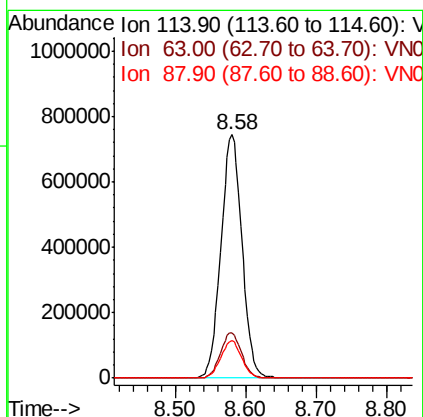
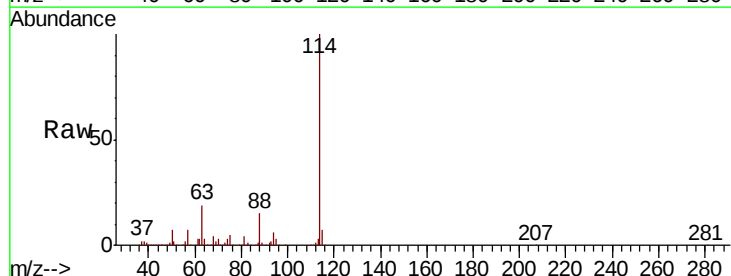
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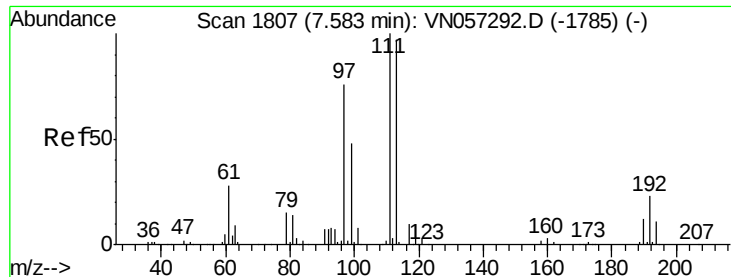
Tgt Ion: 65 Resp: 519546
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

Tgt Ion: 114 Resp: 1552174
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.3 0.0 31.4

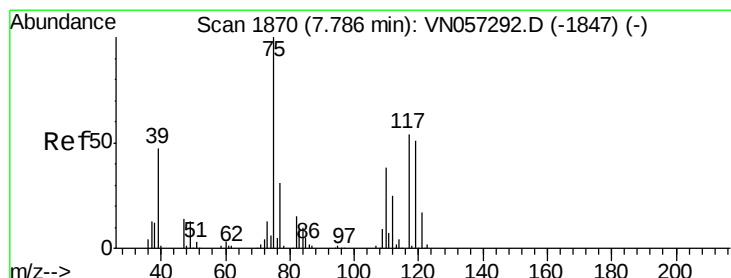
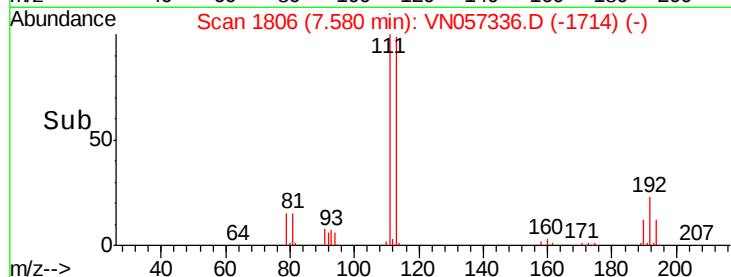
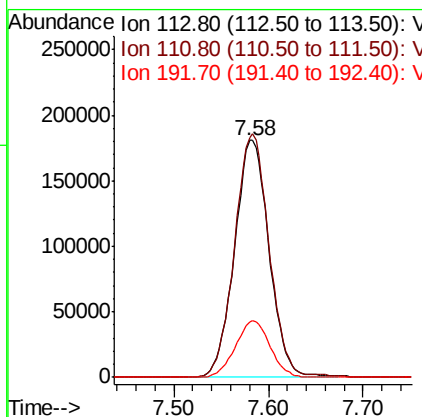
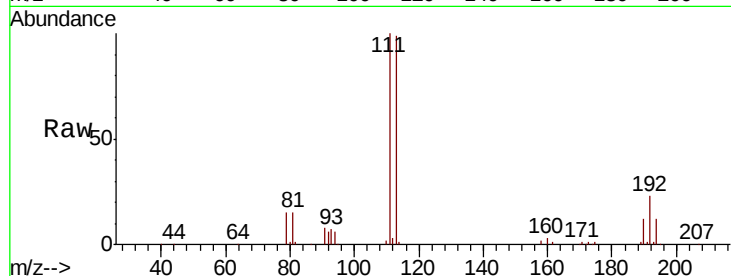




#35
 Dibromofluoromethane
 Concen: 45.222 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

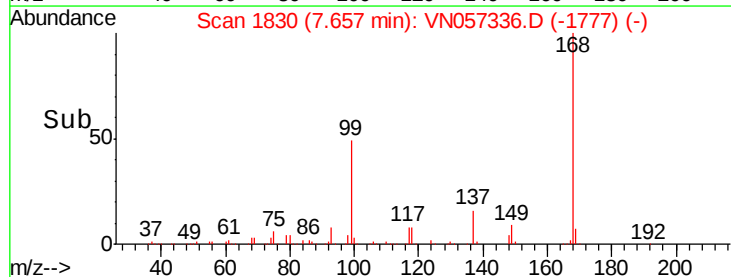
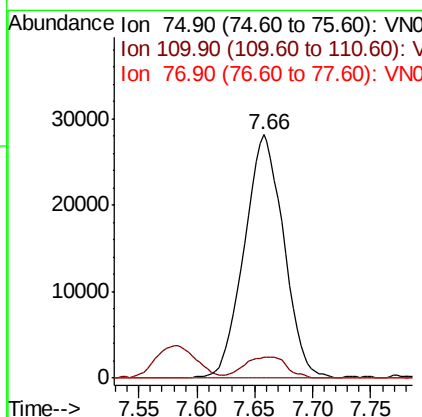
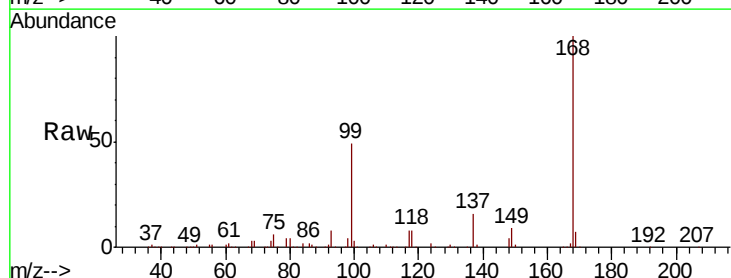
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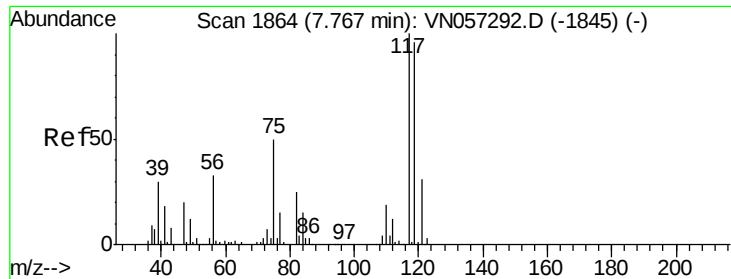
Tgt Ion: 113 Resp: 460130
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.1 123.1
 192 23.9 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 4.861 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

Tgt Ion: 75 Resp: 66625
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.596 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G4-(2)

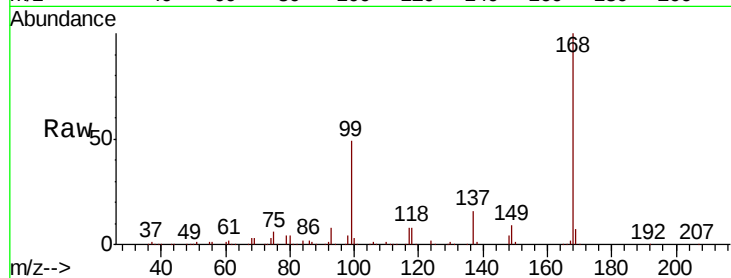
Tgt Ion:117 Resp: 93917

Ion Ratio Lower Upper

117 100

119 5.3 76.8 115.2#

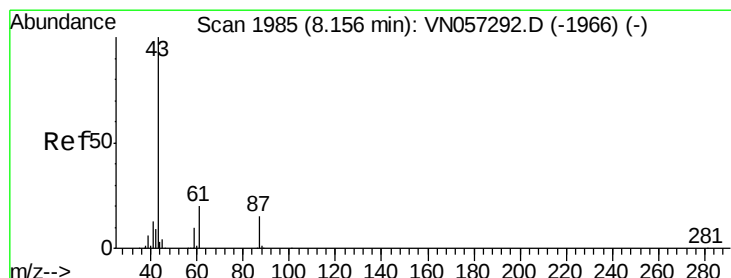
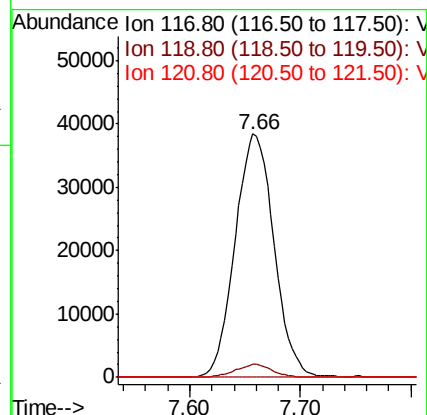
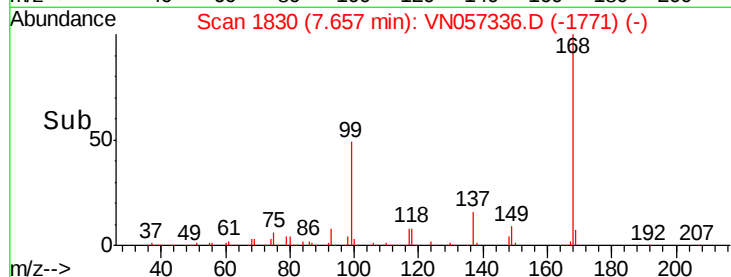
121 0.0 25.0 37.4#



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: 8.093 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

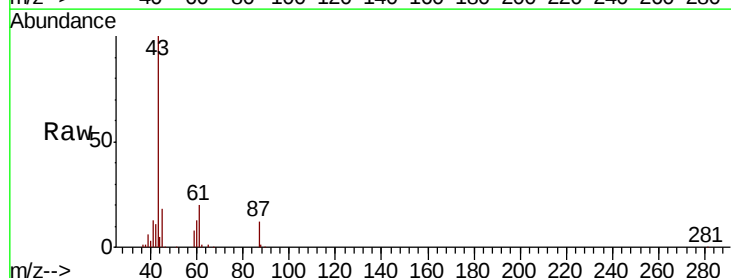
Tgt Ion: 43 Resp: 185527

Ion Ratio Lower Upper

43 100

61 17.3 21.6 32.4#

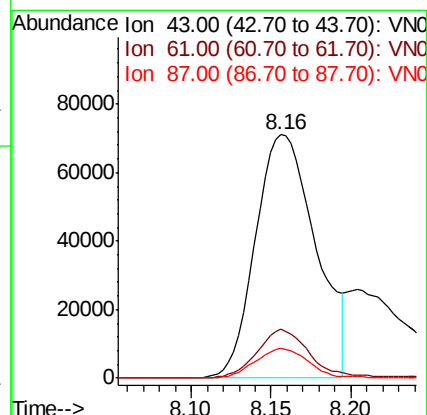
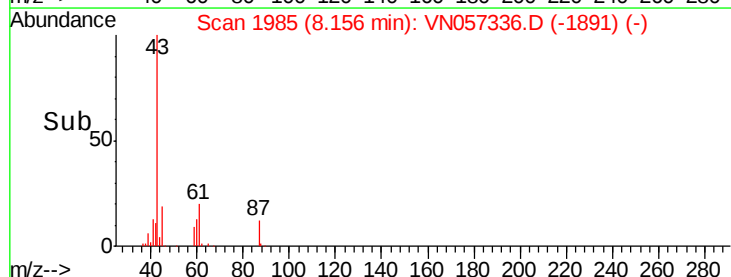
87 10.6 11.4 17.0#

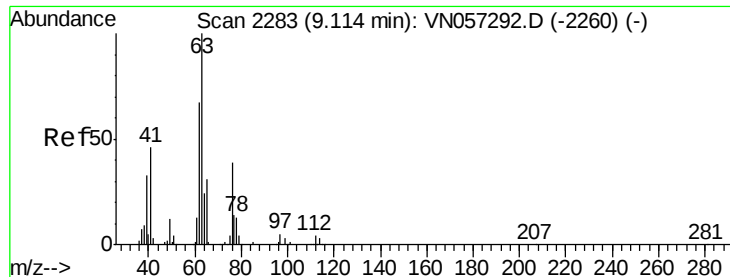


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.284 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

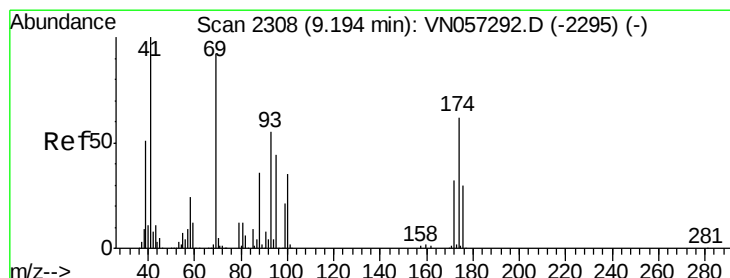
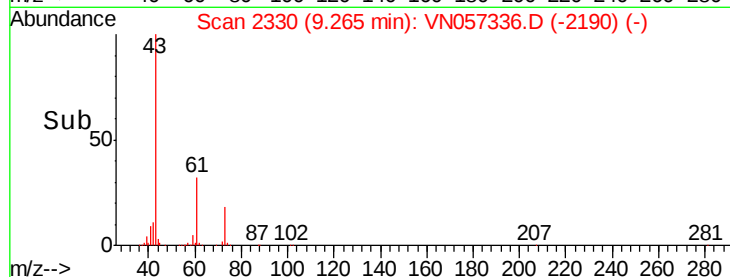
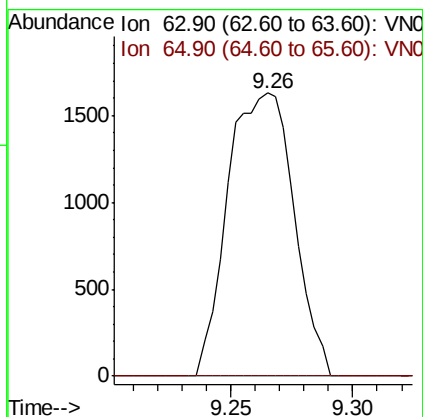
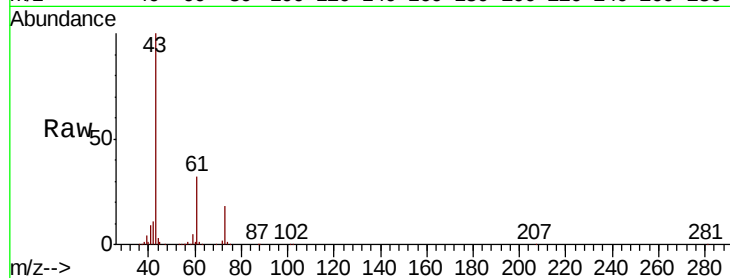
REACTOR-3-G4-(2)

Tgt Ion: 63 Resp: 3069

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



#48

Methyl methacrylate

Concen: 0.876 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

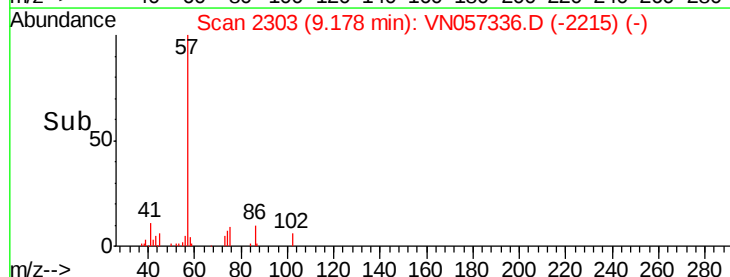
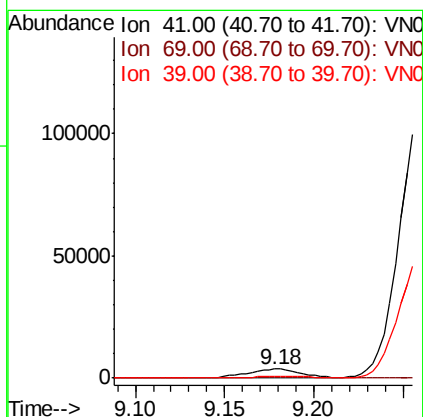
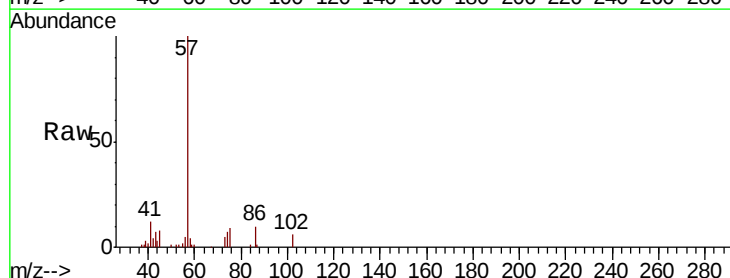
Tgt Ion: 41 Resp: 8095

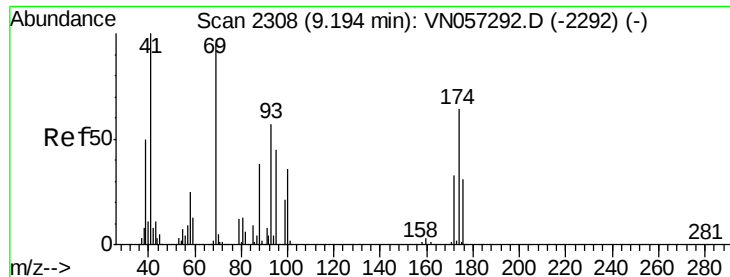
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 42.3 63.5#





#49

1,4-Dioxane

Concen: 1.286 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G4-(2)

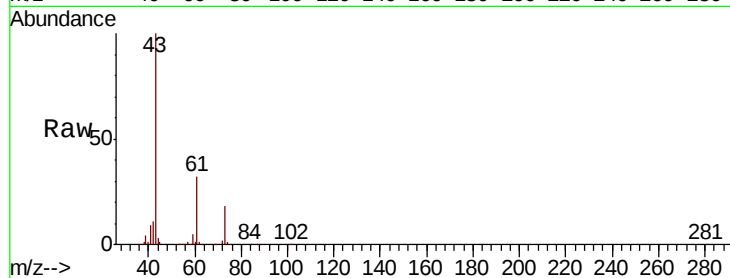
Tgt Ion: 88 Resp: 250

Ion Ratio Lower Upper

88 100

43 908534.0 22.9 34.3#

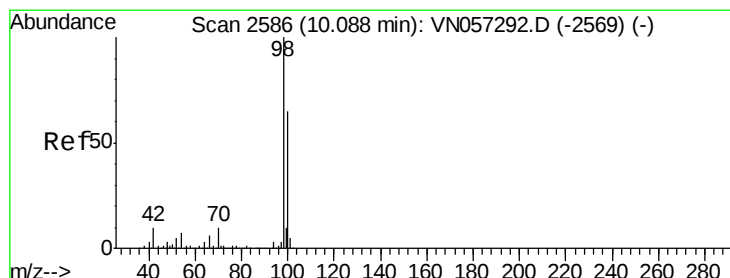
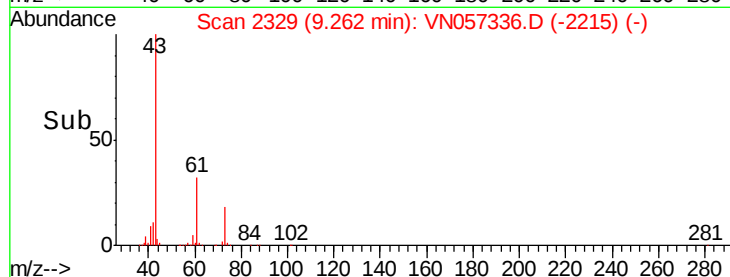
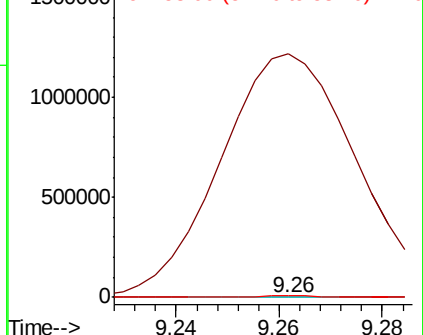
58 4306.4 52.7 79.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.356 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057336.D

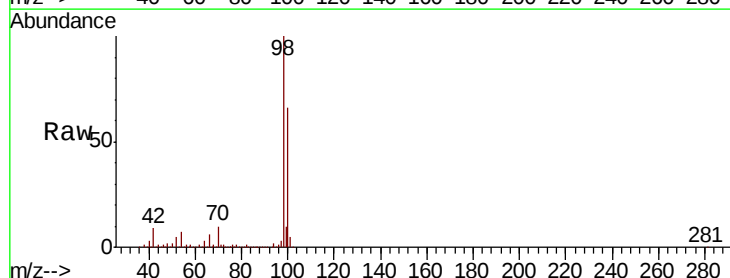
Acq: 15 Aug 2019 17:05

Tgt Ion: 98 Resp: 1799539

Ion Ratio Lower Upper

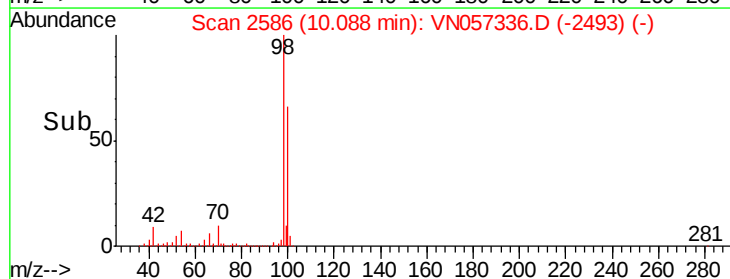
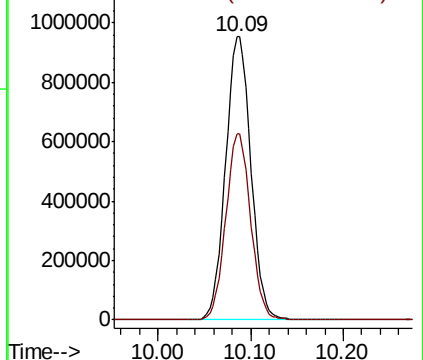
98 100

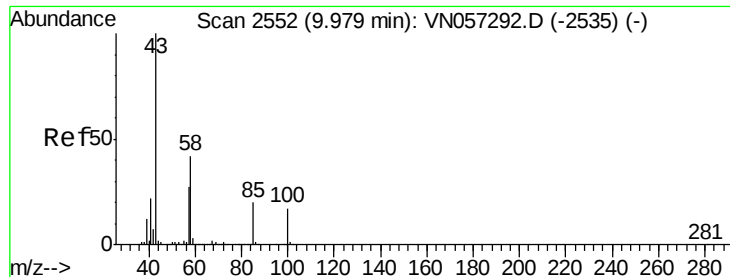
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

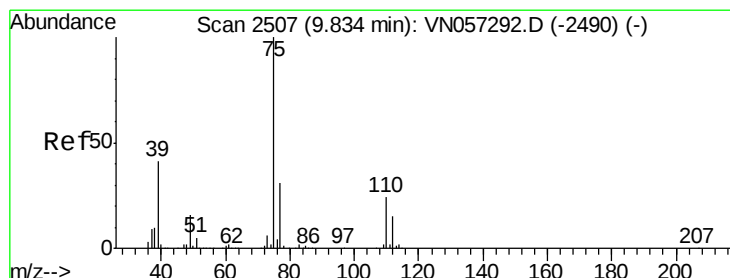
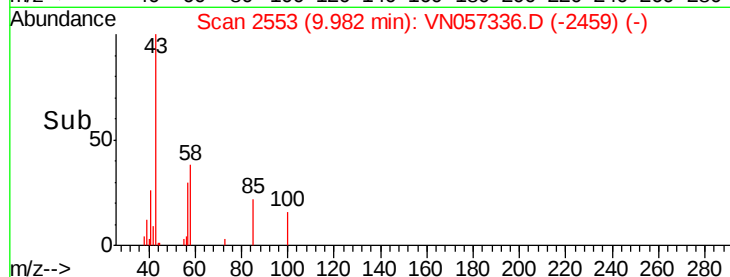
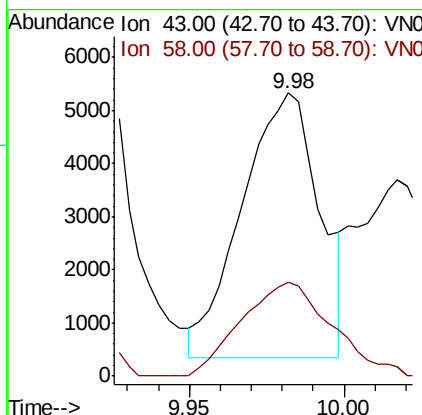
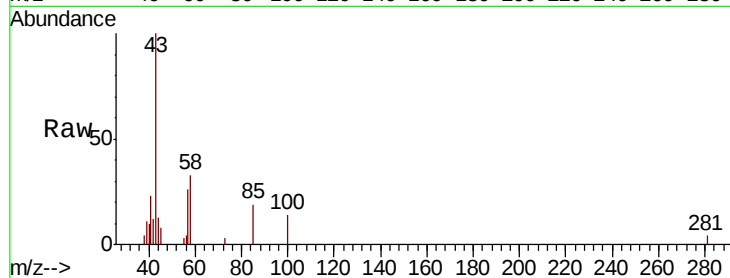




#51
 4-Methyl-2-Pentanone
 Concen: 0.752 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

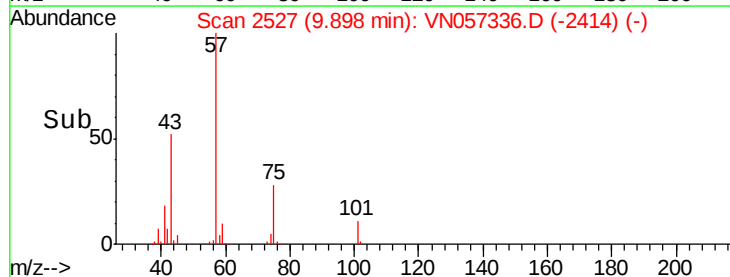
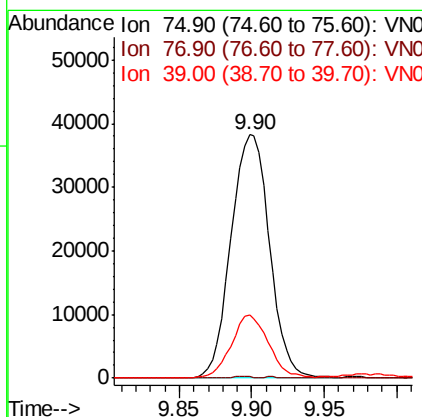
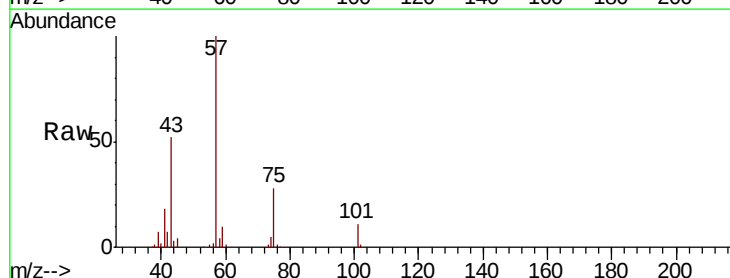
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(2)

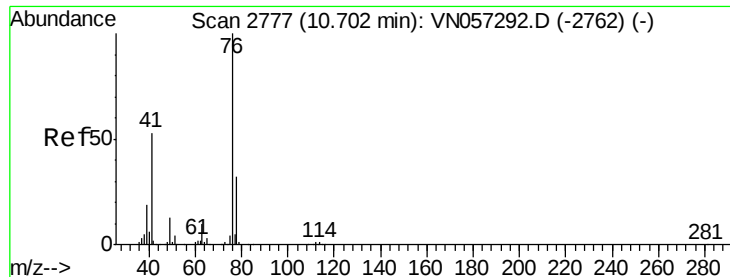
Tgt Ion: 43 Resp: 8709
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.146 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

Tgt Ion: 75 Resp: 70629
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.9 37.3#
 39 26.1 32.7 49.1#

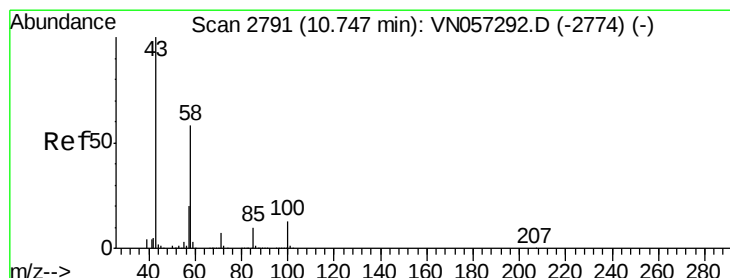
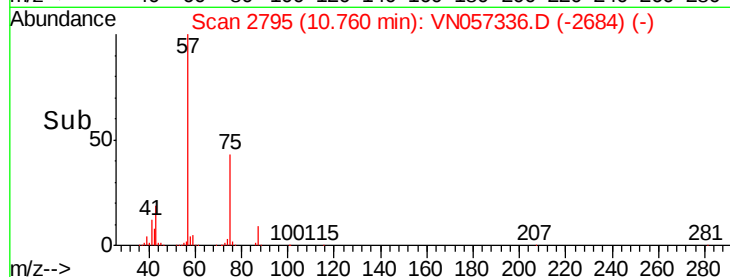
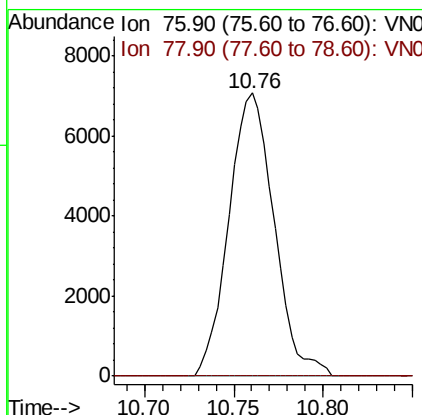
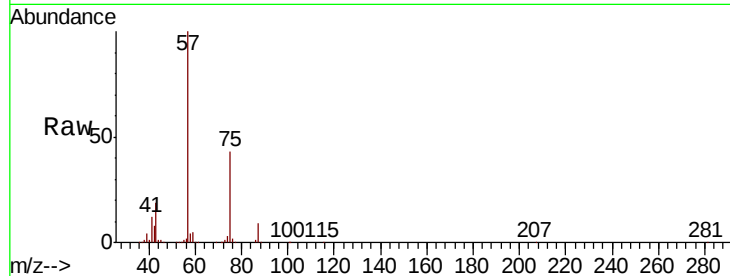




#57
 1,3-Dichloropropane
 Concen: 0.729 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

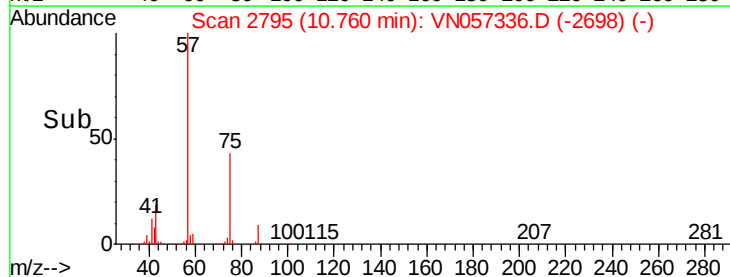
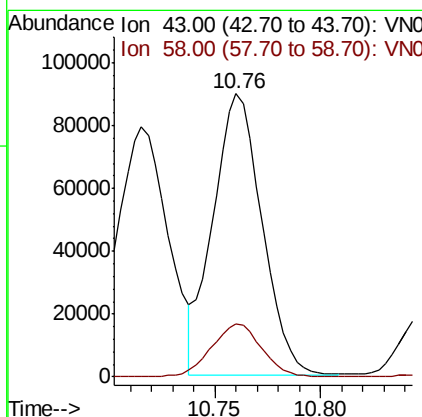
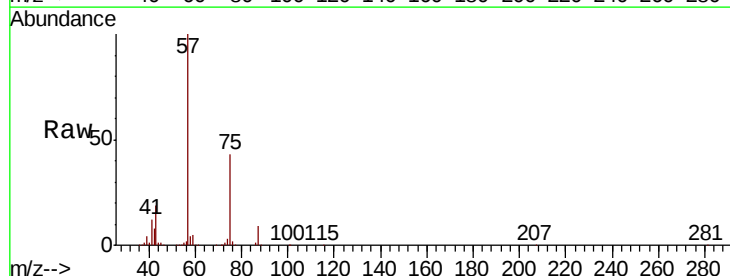
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(2)

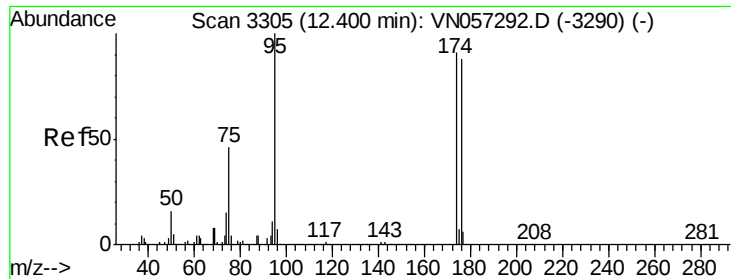
Tgt Ion: 76 Resp: 12495
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 17.449 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

Tgt Ion: 43 Resp: 145264
 Ion Ratio Lower Upper
 43 100
 58 19.5 28.6 85.9#

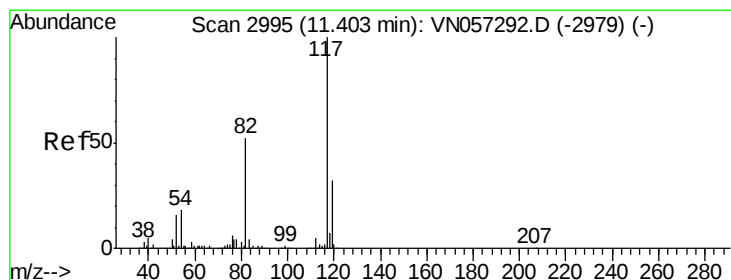
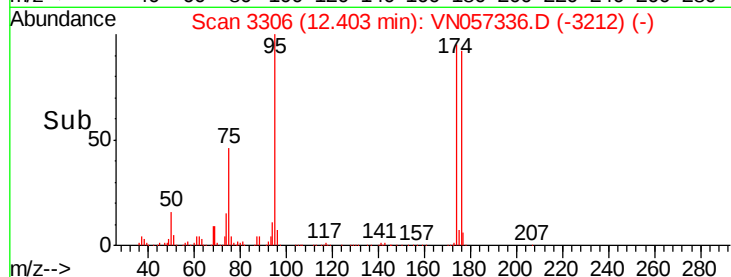
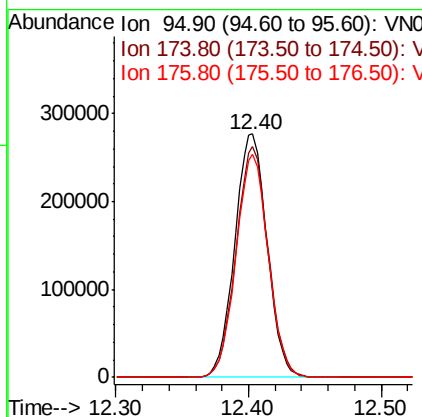
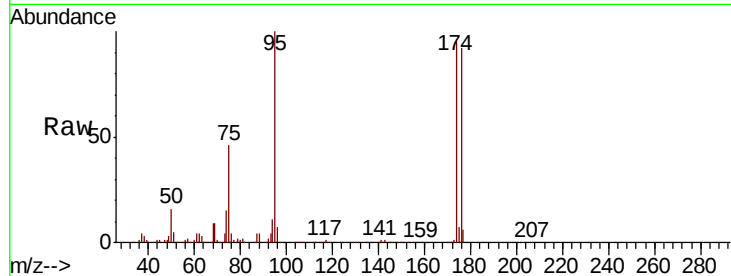




#62
4-Bromofluorobenzene
Concen: 35.578 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

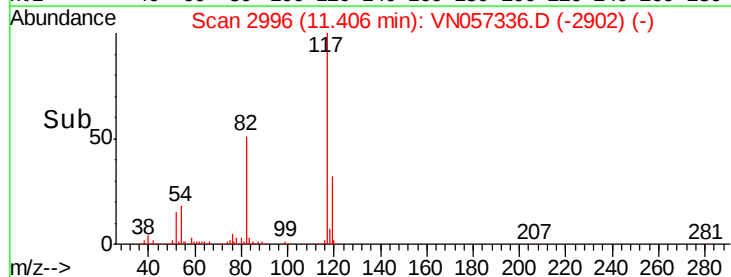
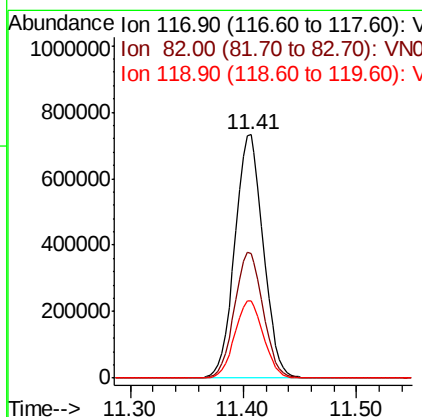
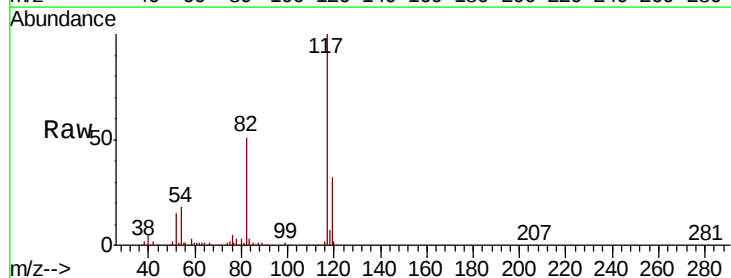
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G4-(2)

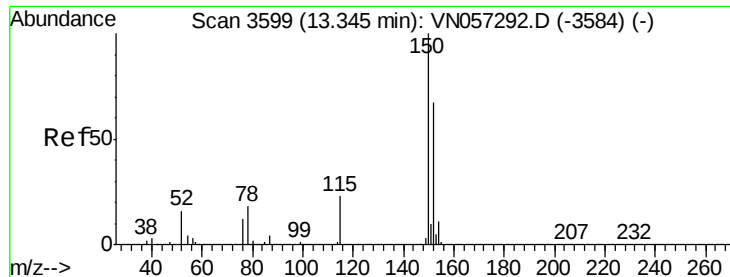
Tgt Ion: 95 Resp: 467896
Ion Ratio Lower Upper
95 100
174 94.2 0.0 185.0
176 91.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

Tgt Ion: 117 Resp: 1281327
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G4-(2)

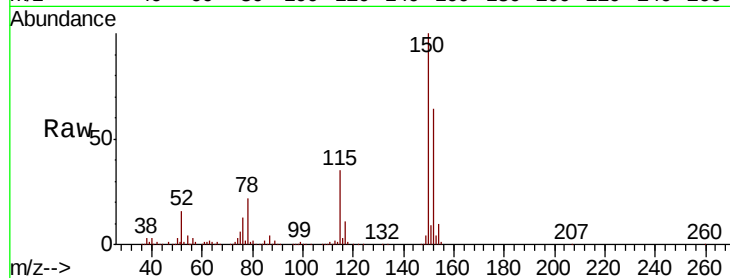
Tgt Ion:152 Resp: 317972

Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.9

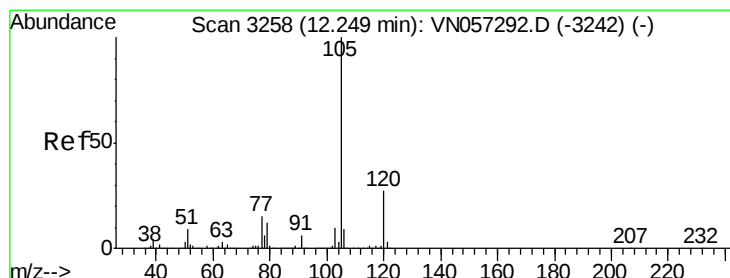
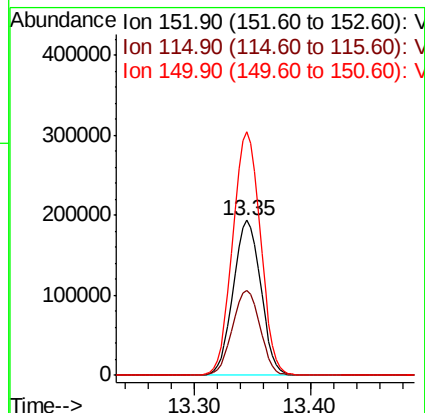
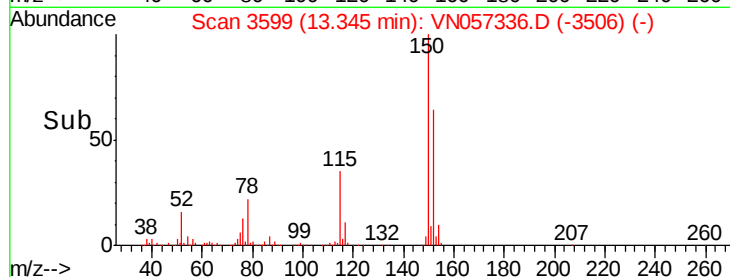
150 157.8 0.0 344.4



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# 3262

Delta R.T. 0.01 min

Lab File: VN057336.D

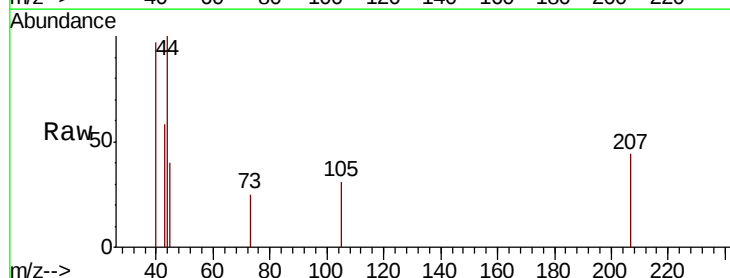
Acq: 15 Aug 2019 17:05

Tgt Ion:105 Resp: 97

Ion Ratio Lower Upper

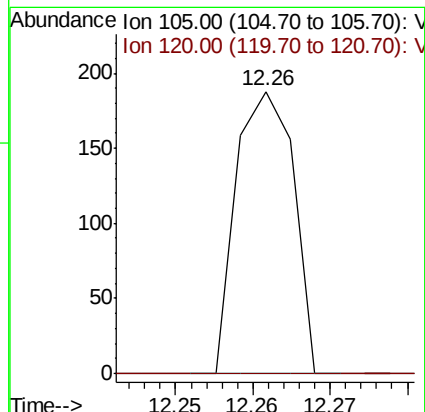
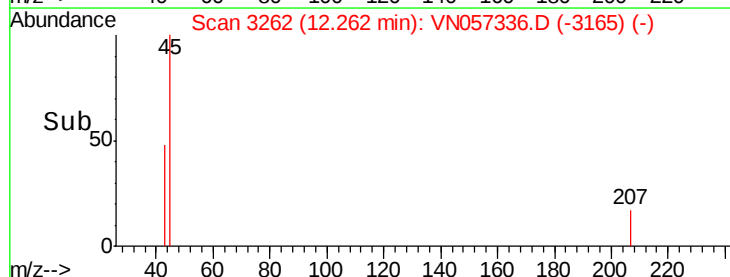
105 100

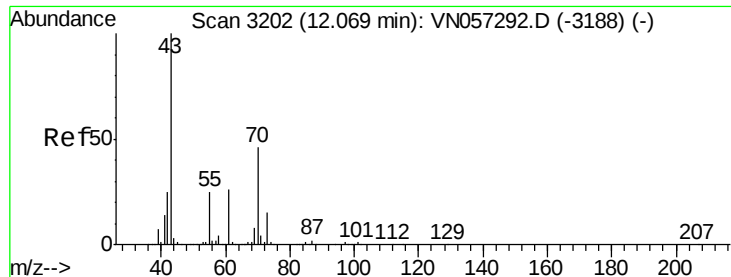
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.421 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G4-(2)

Tgt Ion: 43 Resp: 3888

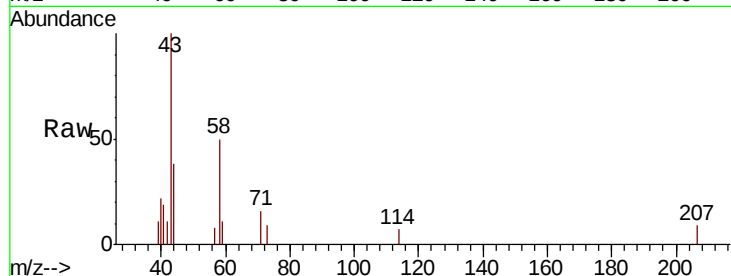
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 6.2 20.1 30.1#

61 0.0 20.9 31.3#

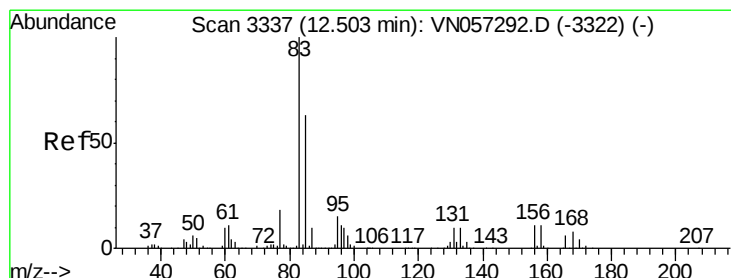
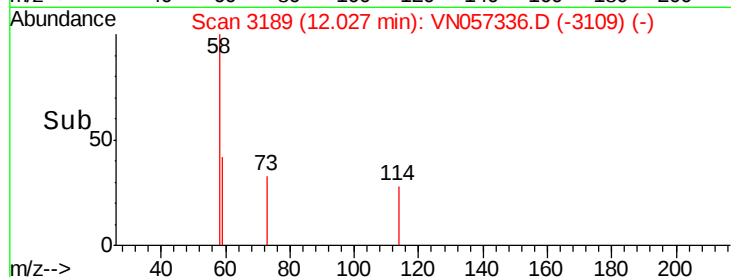
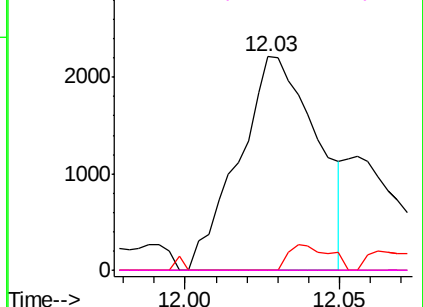


Abundance Ion 43.00 (42.70 to 43.70): VN0

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# 3305

Delta R.T. -0.10 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

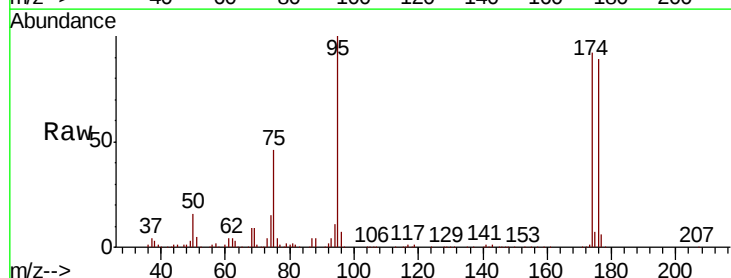
Tgt Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 1748.4 5.4 16.2#

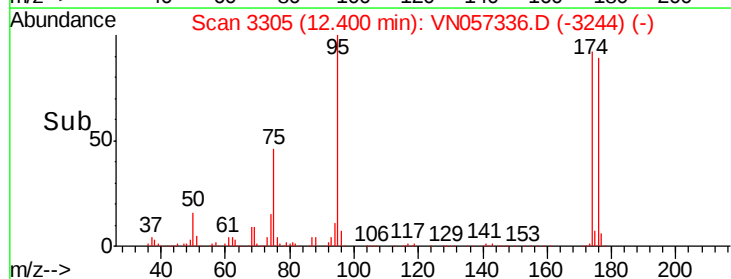
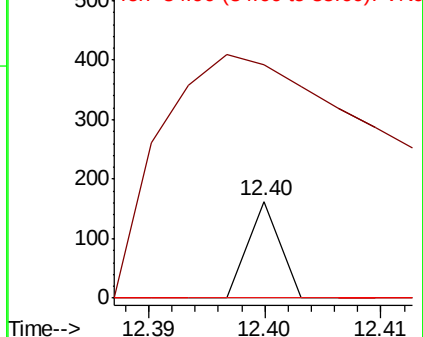
85 0.0 32.3 96.9#

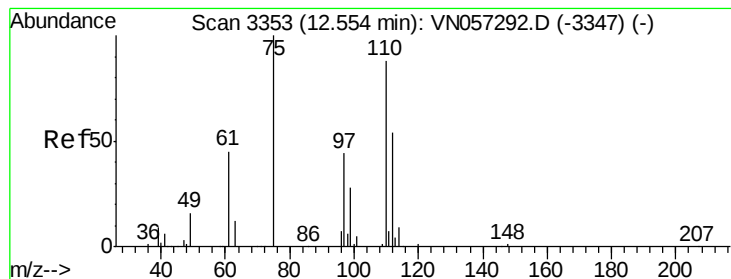


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.847 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

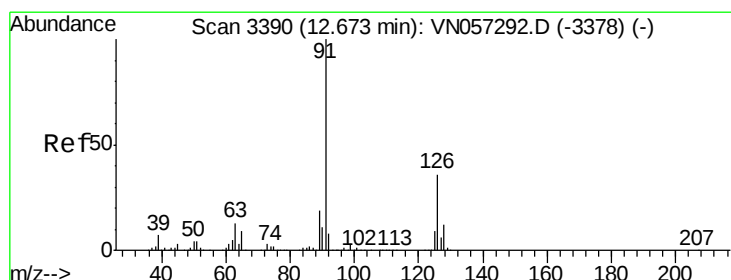
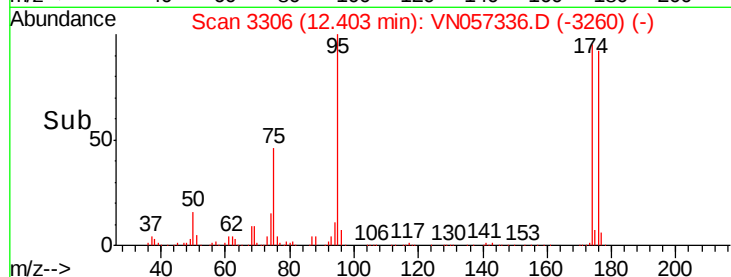
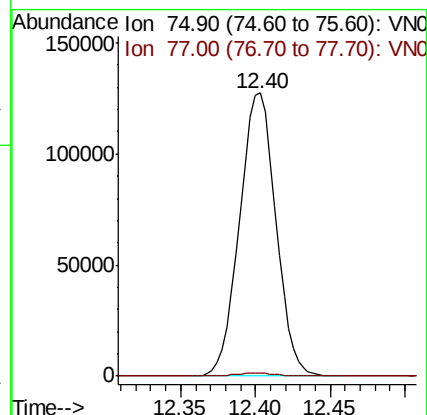
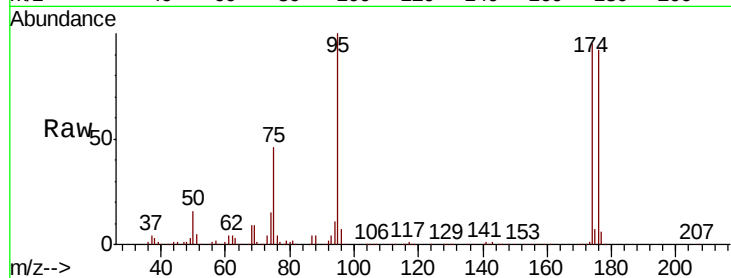
REACTOR-3-G4-(2)

Tgt Ion: 75 Resp: 215692

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN057336.D

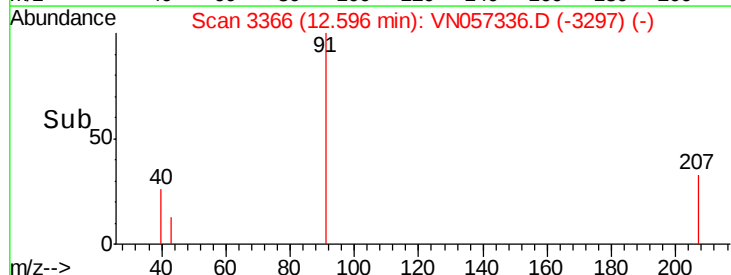
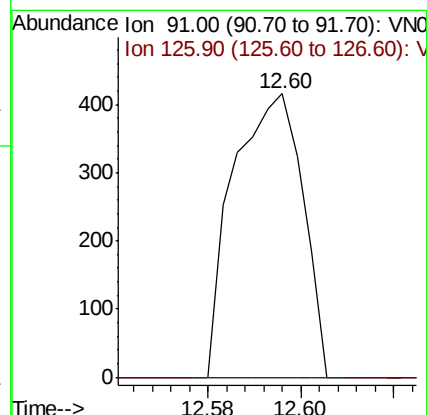
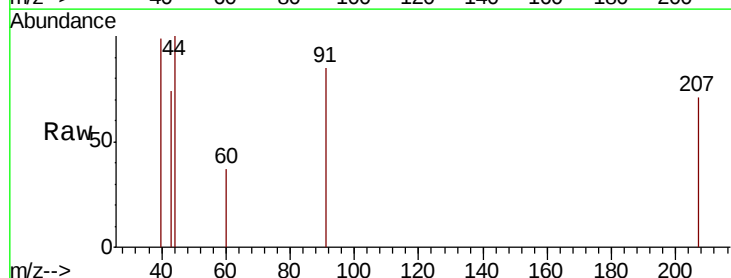
Acq: 15 Aug 2019 17:05

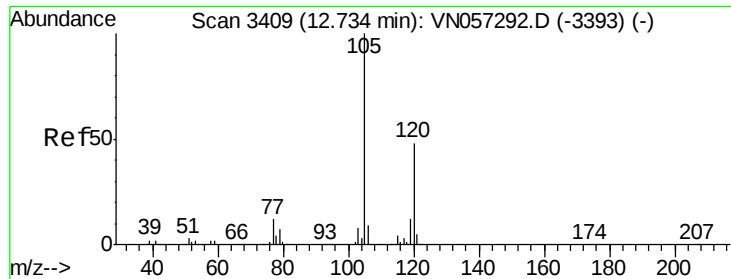
Tgt Ion: 91 Resp: 435

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

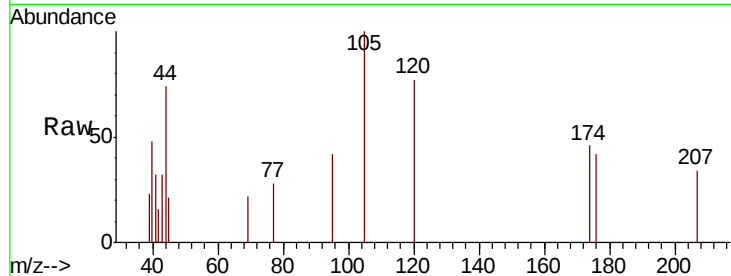
REACTOR-3-G4-(2)

Tgt Ion: 105 Resp: 1833

Ion Ratio Lower Upper

105 100

120 66.1 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.74

1200

1000

800

600

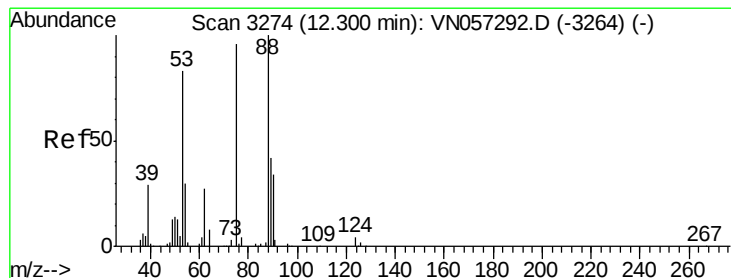
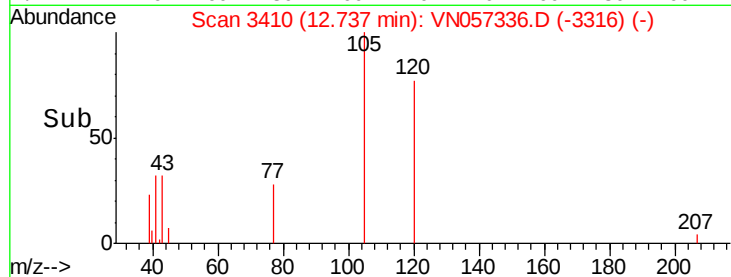
400

200

0

Time-->

12.70 12.75



#81

trans-1,4-Dichloro-2-butene

Concen: 82.715 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057336.D

Acq: 15 Aug 2019 17:05

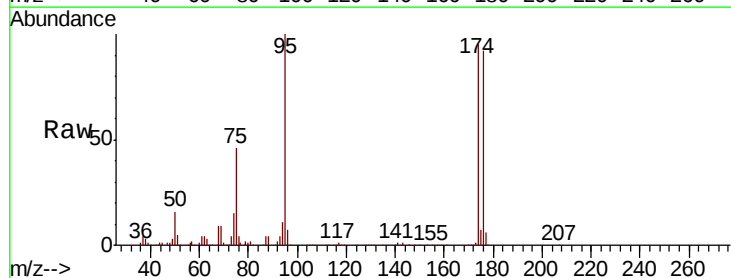
Tgt Ion: 75 Resp: 215692

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

150000

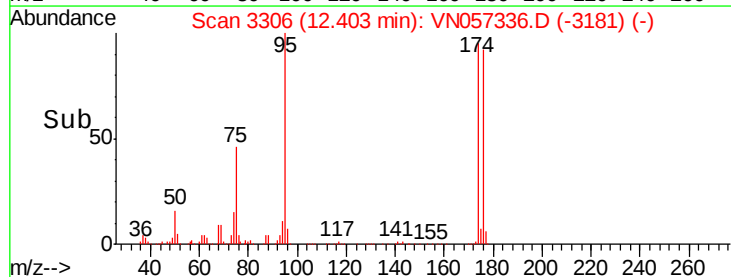
100000

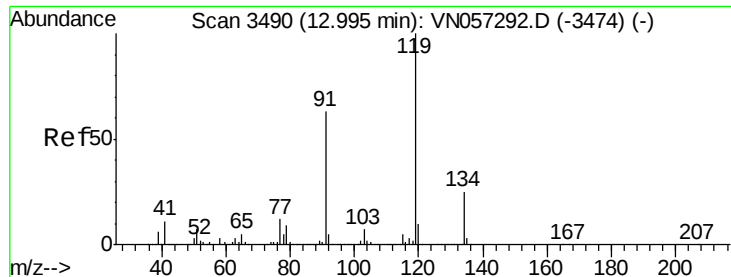
50000

0

Time-->

12.35 12.40 12.45

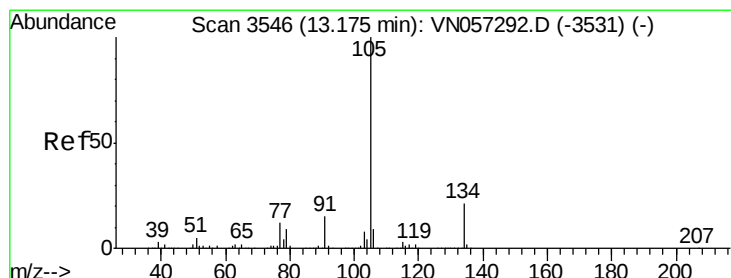
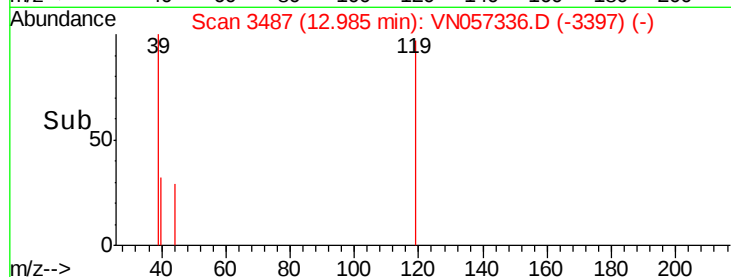
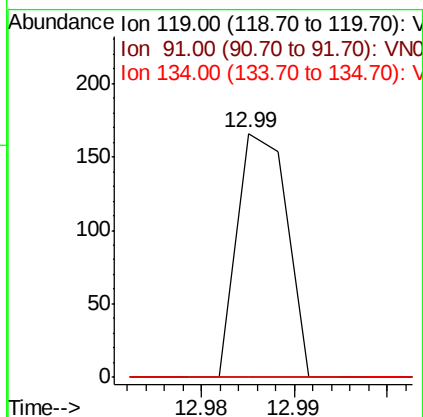
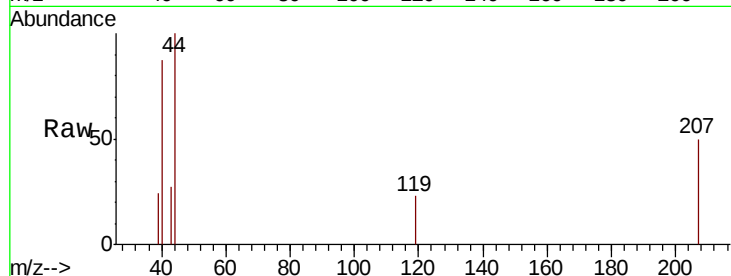




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3487
Delta R.T. -0.01 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

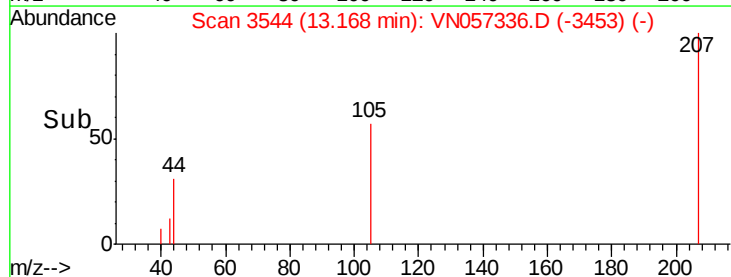
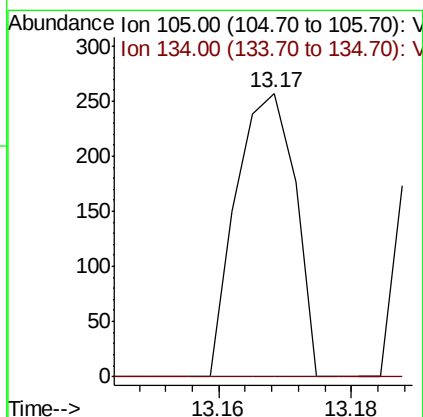
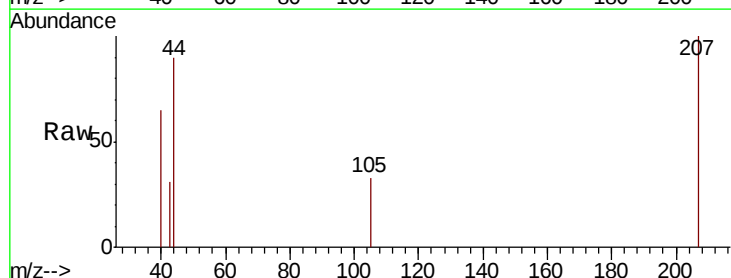
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G4-(2)

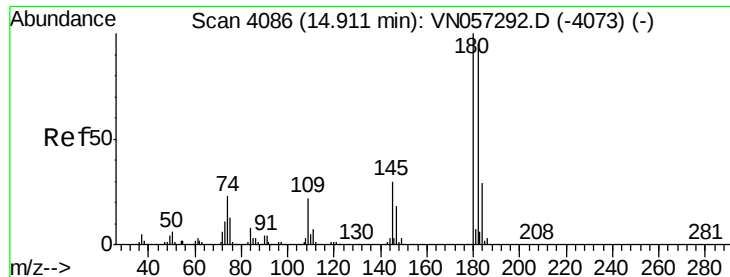
Tgt Ion:119 Resp: 62
Ion Ratio Lower Upper
119 100
91 0.0 31.3 93.8#
134 0.0 13.1 39.1#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3544
Delta R.T. -0.01 min
Lab File: VN057336.D
Acq: 15 Aug 2019 17:05

Tgt Ion:105 Resp: 159
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#

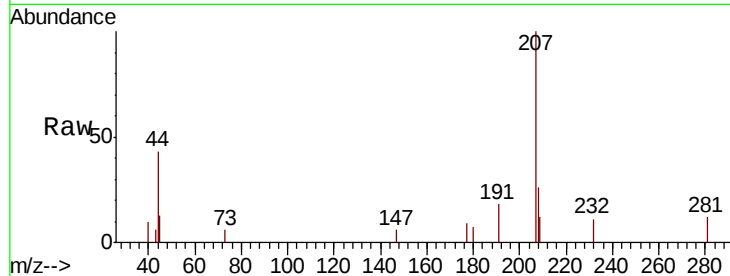




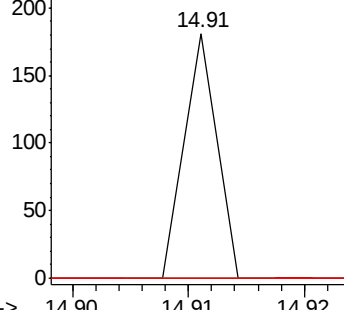
#93
 1,2,4-Trichlorobenzene
 Concen: 5.363 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(2)

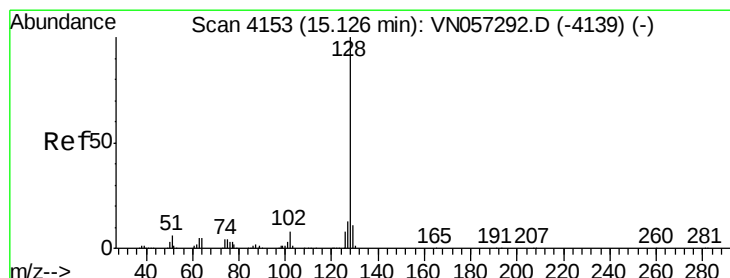
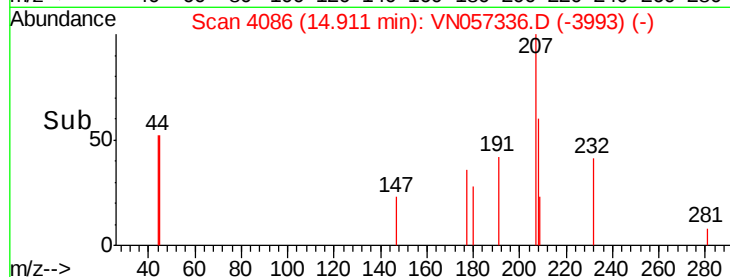
Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.0	144.2#
145	0.0	14.5	43.6#



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

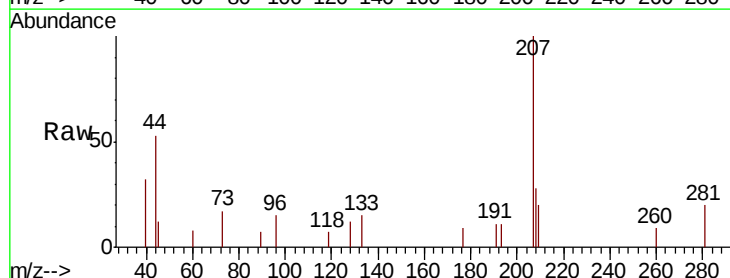


Time--> 14.90 14.91 14.92

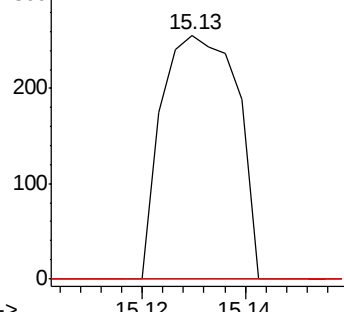


#95
 Naphthalene
 Concen: Below Cal
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

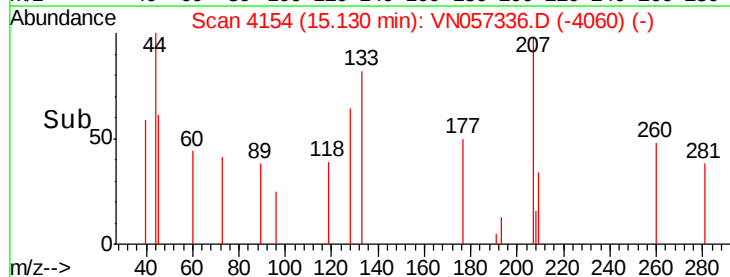
Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#

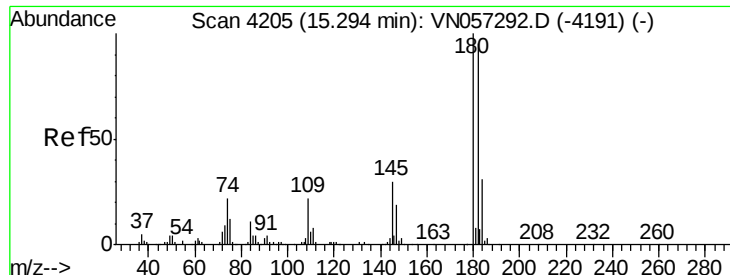


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time--> 15.12 15.14





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN057336.D
 Acq: 15 Aug 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(2)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	134.9	47.9	143.6
145	0.0	15.1	45.3#

