

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
 Data File : VN057340.D
 Acq On : 15 Aug 2019 18:42
 Operator : JC/SP
 Sample : K4264-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Aug 16 02:03:37 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	1090279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1533843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1289474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	330117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	515705	43.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.02%	
35) Dibromofluoromethane	7.58	113	465007	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	10.09	98	1792968	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.40	95	474096	36.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.96%	

Target Compounds

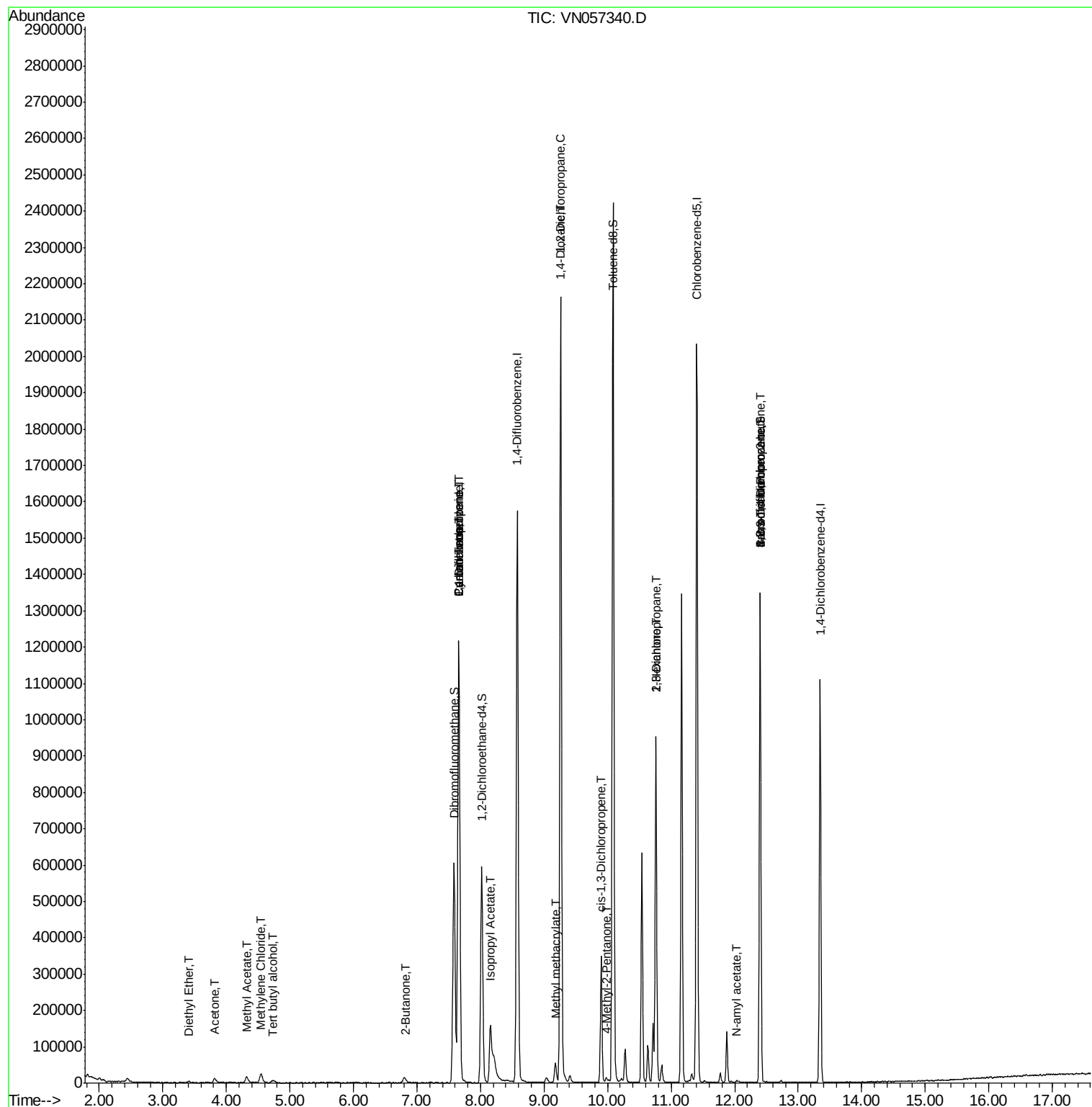
						Qvalue
8) Diethyl Ether	3.40	74	2650	0.431	ug/l	86
11) Tert butyl alcohol	4.72	59	2755	1.635	ug/l #	73
16) Acetone	3.81	43	19181	4.665	ug/l #	85
18) Methyl Acetate	4.31	43	32935	0.608	ug/l	99
20) Methylene Chloride	4.55	84	19068	1.658	ug/l	98
25) 2-Butanone	6.83	43	3458	0.581	ug/l	90
31) Cyclohexane	7.66	56	16301	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	67171	4.960	ug/l #	48
38) Carbon Tetrachloride	7.66	117	95093	6.758	ug/l #	16
43) Isopropyl Acetate	8.16	43	286043	13.273	ug/l #	72
45) 1,2-Dichloropropane	9.26	63	3157	0.296	ug/l #	44
48) Methyl methacrylate	9.18	41	7636	0.836	ug/l #	11
49) 1,4-Dioxane	9.25	88	138	0.718	ug/l #	26
51) 4-Methyl-2-Pentanone	9.98	43	8585	0.750	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	69376	4.121	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	11510	0.680	ug/l #	43
59) 2-Hexanone	10.76	43	135889	16.518	ug/l #	50
71) Bromoform	12.40	173	2249	0.283	ug/l #	1
73) Isopropylbenzene	12.40	105	438	Below Cal	#	49
74) N-amyl acetate	12.03	43	3609	0.377	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.39	83	62	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	219406	33.125	ug/l #	100
77) Bromobenzene	12.41	156	109	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	62	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.74	105	2188	Below Cal		86
81) trans-1,4-Dichloro-2-buten	12.40	75	219406	81.044	ug/l #	15
83) tert-Butylbenzene	12.74	119	422	Below Cal	#	45
85) sec-Butylbenzene	13.04	105	192	Below Cal	#	55
95) Naphthalene	15.12	128	152	Below Cal	#	69

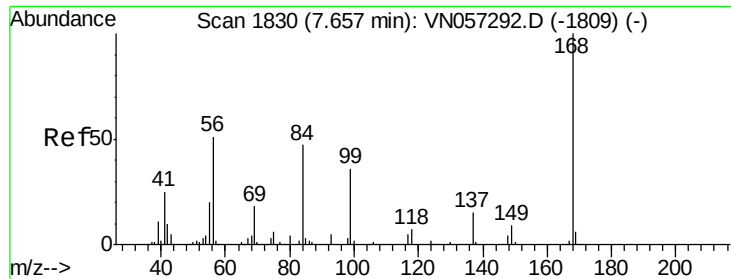
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057340.D

Acq: 15 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

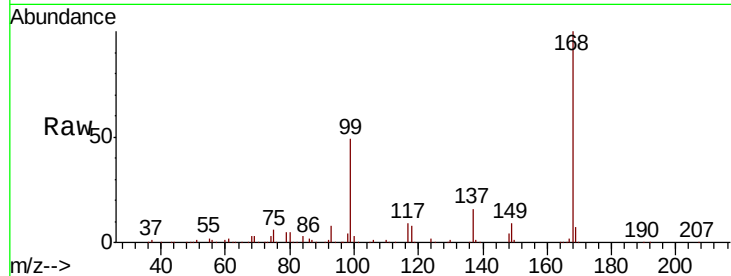
REACTOR-3-G4-(3)

Tgt Ion:168 Resp: 1090279

Ion Ratio Lower Upper

168 100

99 49.3 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

500000

400000

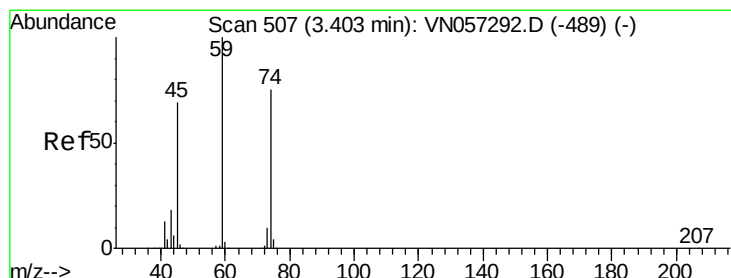
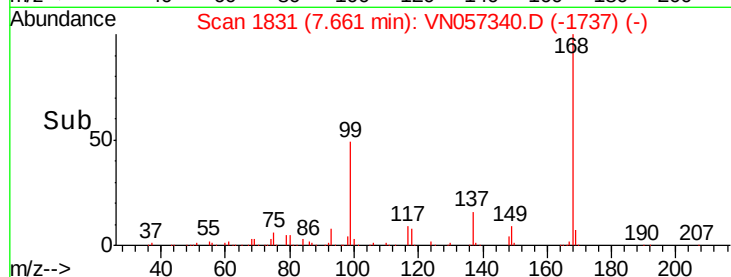
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.431 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.00 min

Lab File: VN057340.D

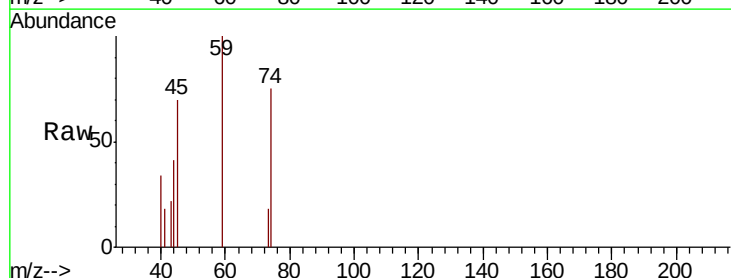
Acq: 15 Aug 2019 18:42

Tgt Ion: 74 Resp: 2650

Ion Ratio Lower Upper

74 100

45 104.8 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) (-)

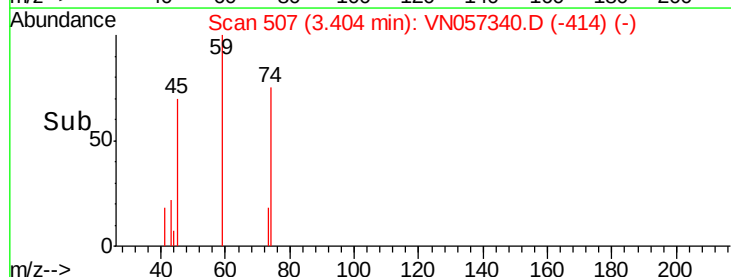
3.40

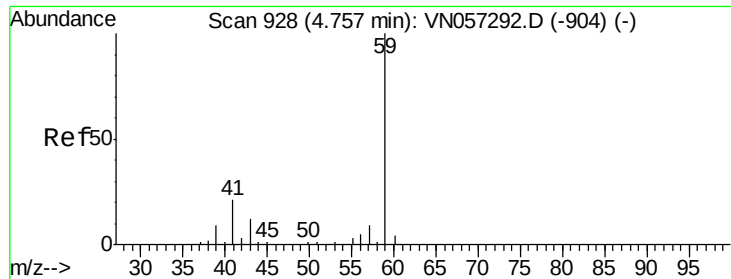
1000

500

0

Time-->



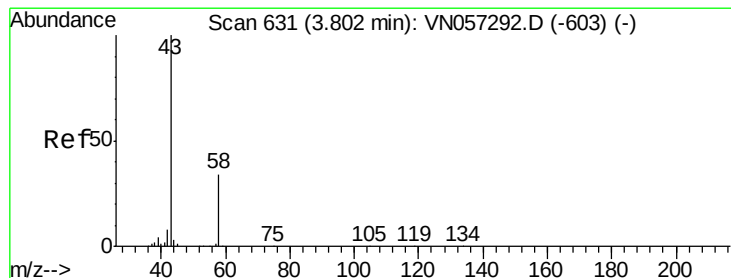
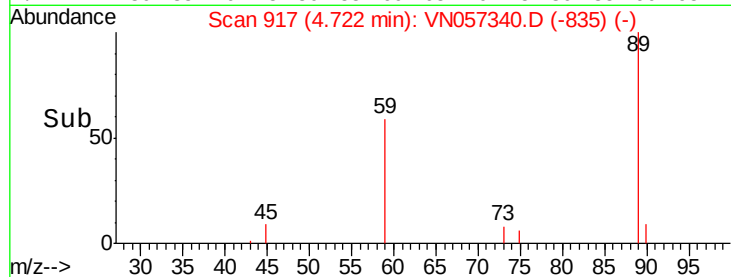
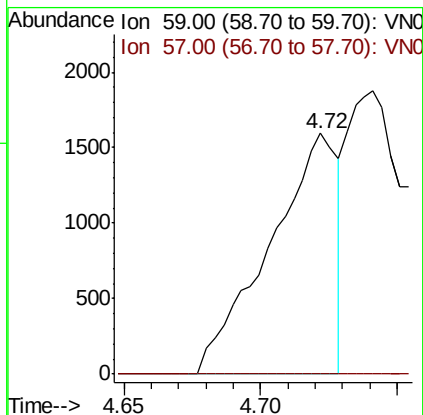
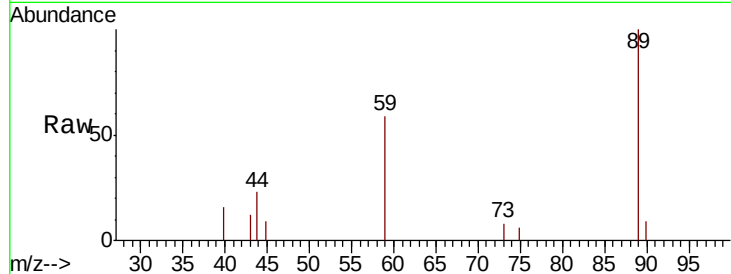


#11

Tert butyl alcohol
 Concen: 1.635 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.04 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

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

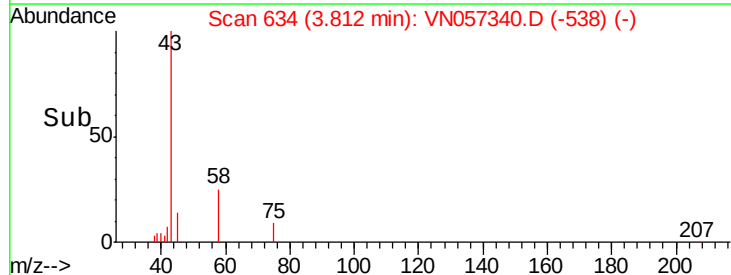
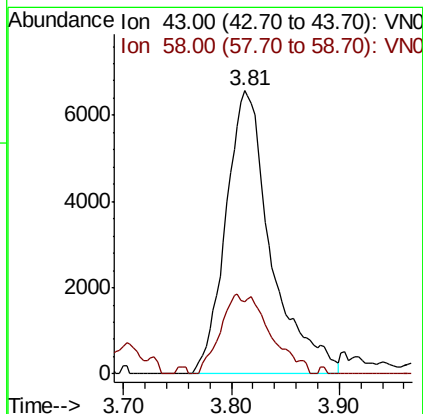
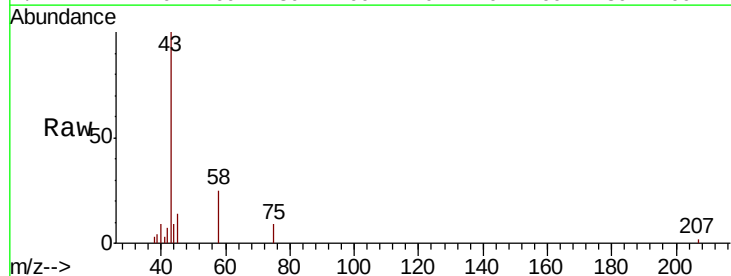
Tgt Ion: 59 Resp: 2755
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

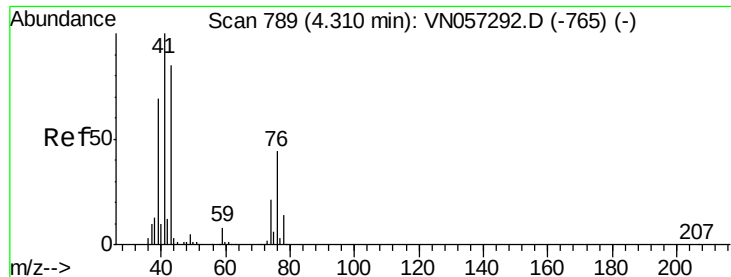


#16

Acetone
 Concen: 4.665 ug/l
 RT: 3.81 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

Tgt Ion: 43 Resp: 19181
 Ion Ratio Lower Upper
 43 100
 58 25.3 27.0 40.6#

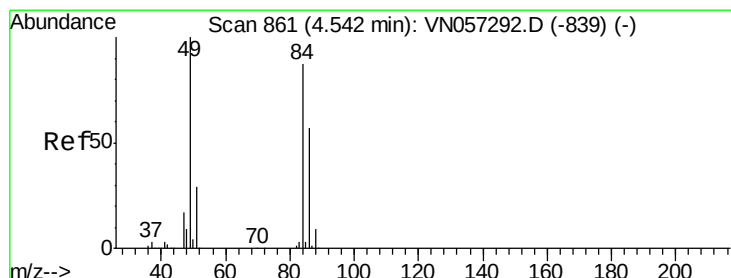
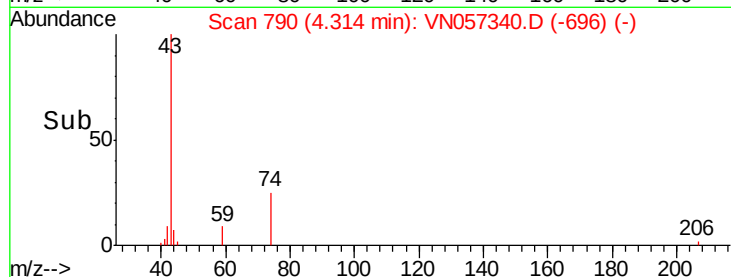
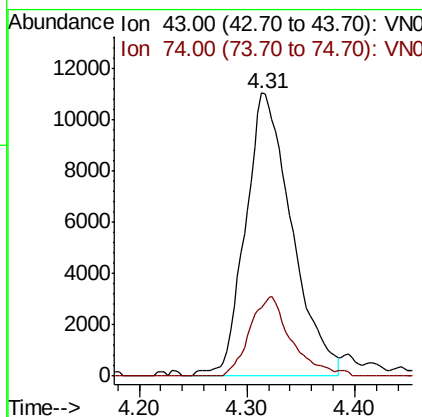
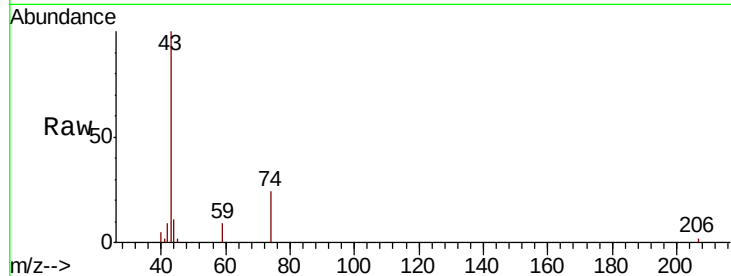




#18
Methyl Acetate
Concen: 0.608 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057340.D
Acq: 15 Aug 2019 18:42

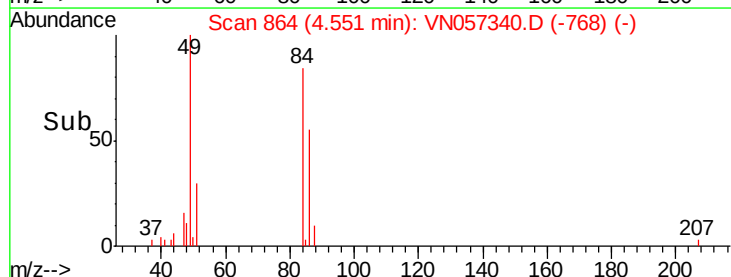
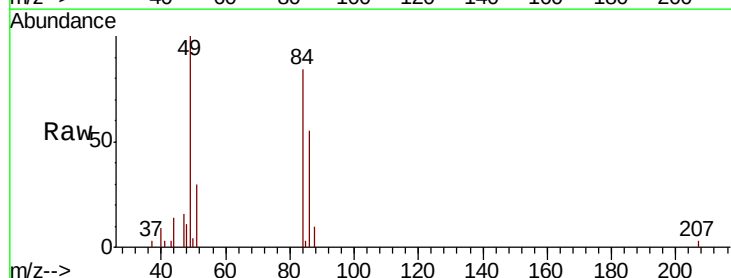
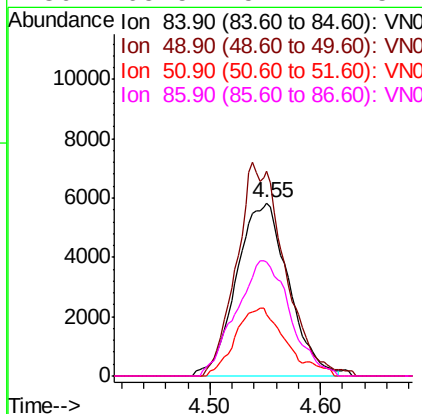
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G4-(3)

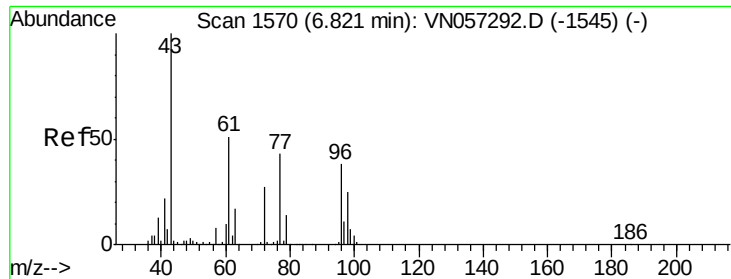
Tgt Ion: 43 Resp: 32935
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2



#20
Methylene Chloride
Concen: 1.658 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN057340.D
Acq: 15 Aug 2019 18:42

Tgt Ion: 84 Resp: 19068
Ion Ratio Lower Upper
84 100
49 118.5 92.0 138.0
51 35.6 27.1 40.7
86 65.5 52.2 78.2

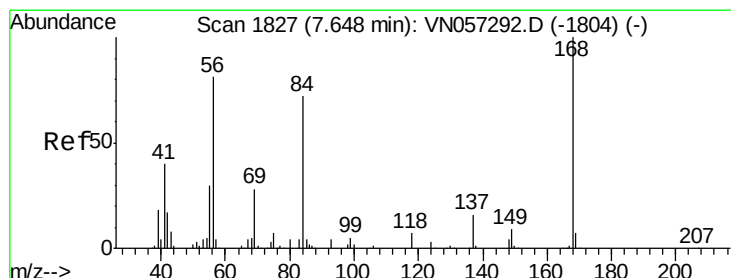
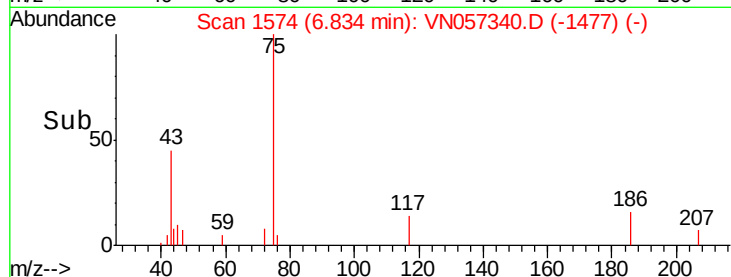
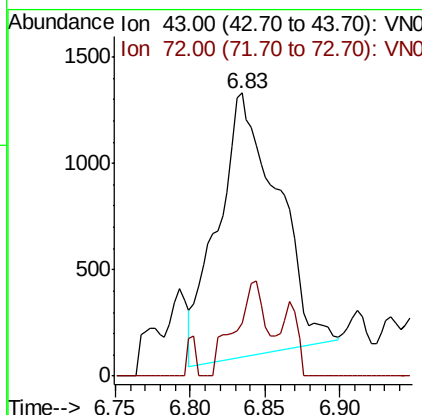
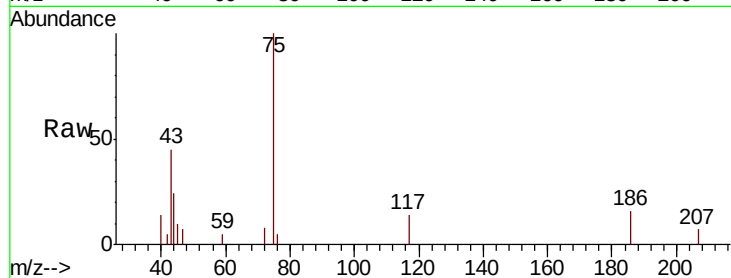




#25
 2-Butanone
 Concen: 0.581 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

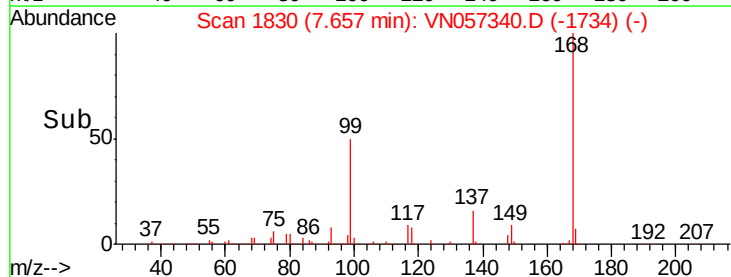
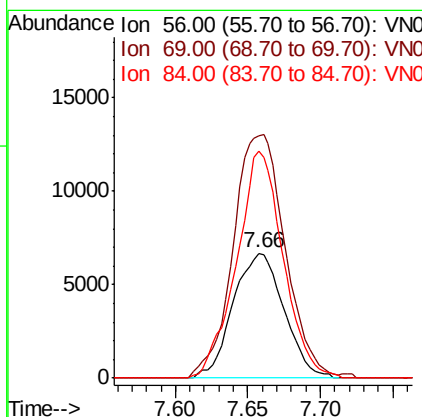
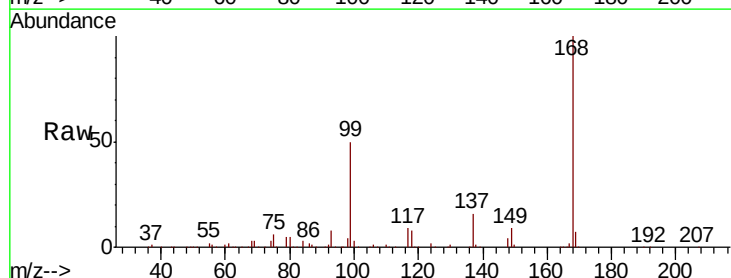
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(3)

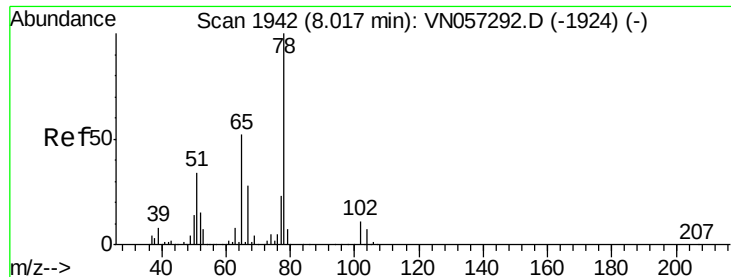
Tgt Ion: 43 Resp: 3458
 Ion Ratio Lower Upper
 43 100
 72 21.6 21.5 32.3



#31
 Cyclohexane
 Concen: 1.009 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

Tgt Ion: 56 Resp: 16301
 Ion Ratio Lower Upper
 56 100
 69 194.9 27.3 40.9#
 84 182.4 71.0 106.6#

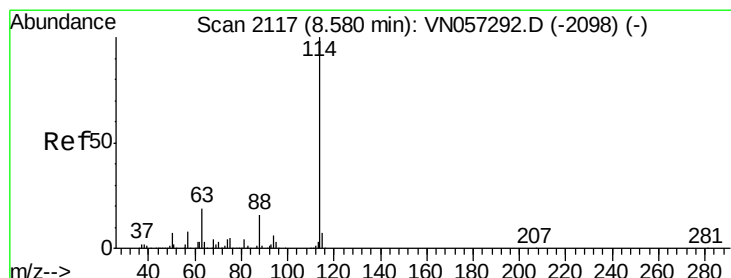
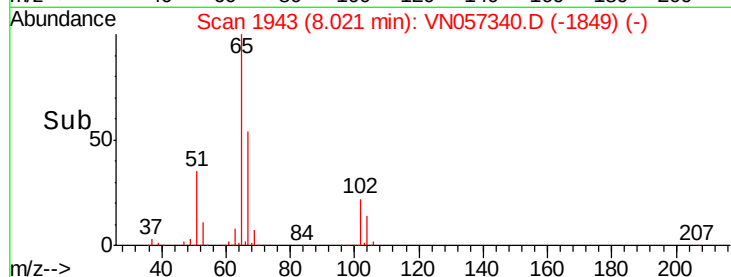
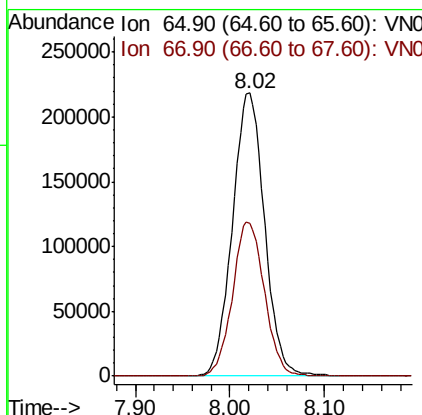
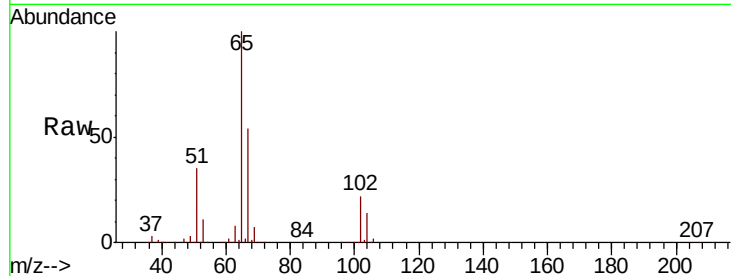




#33
 1,2-Dichloroethane-d4
 Concen: 43.510 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

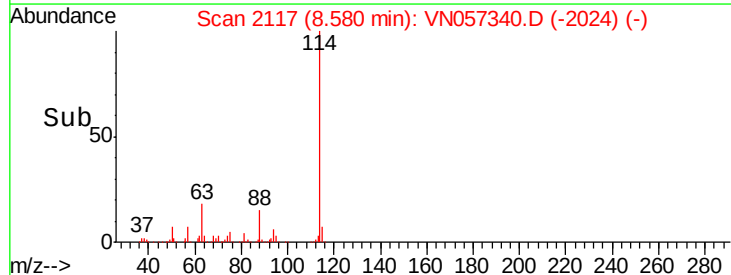
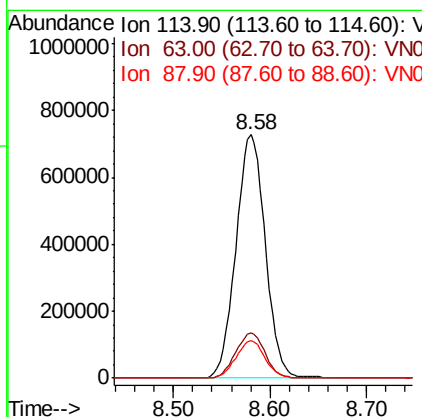
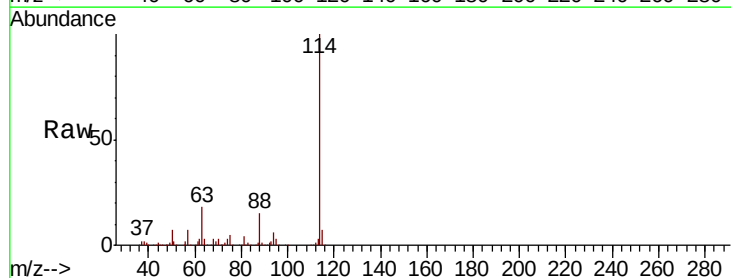
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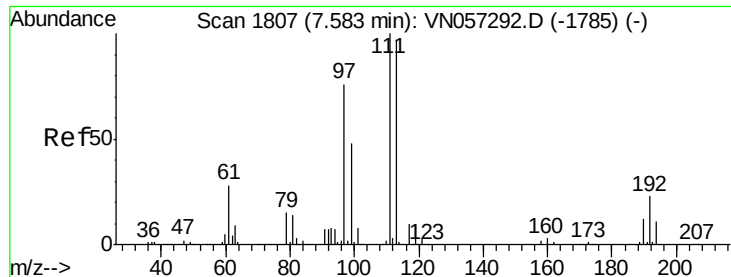
Tgt Ion: 65 Resp: 515705
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

Tgt Ion: 114 Resp: 1533843
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.8
 88 15.2 0.0 31.4

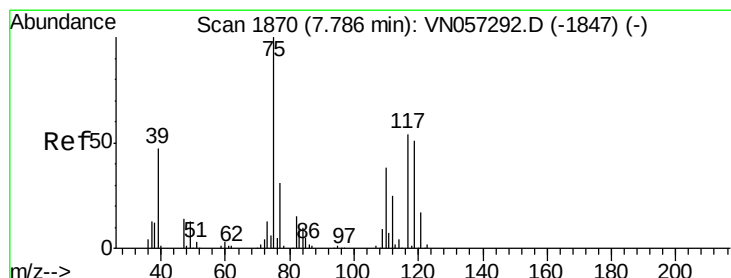
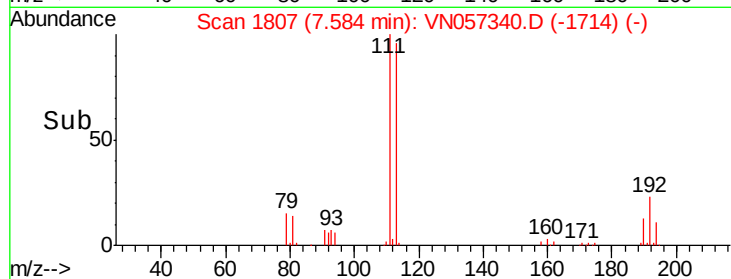
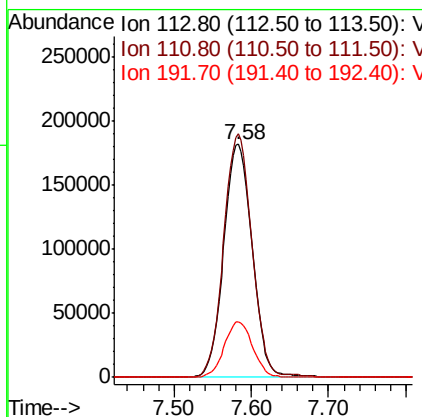
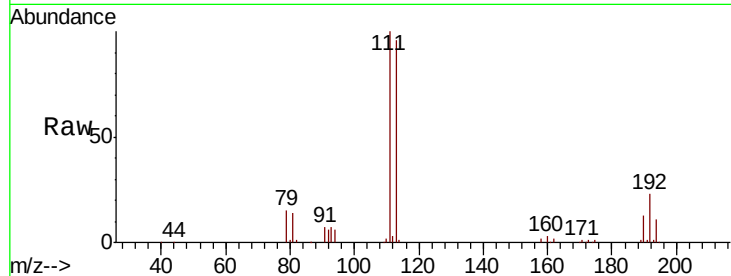




#35
 Dibromofluoromethane
 Concen: 46.248 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

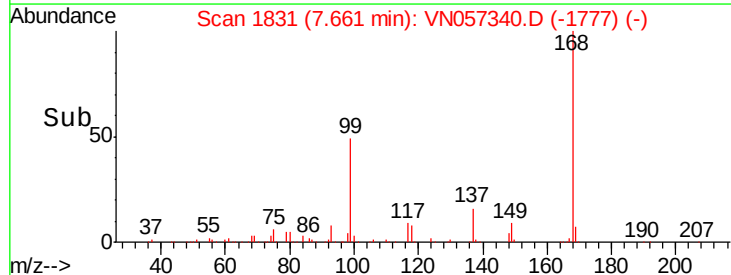
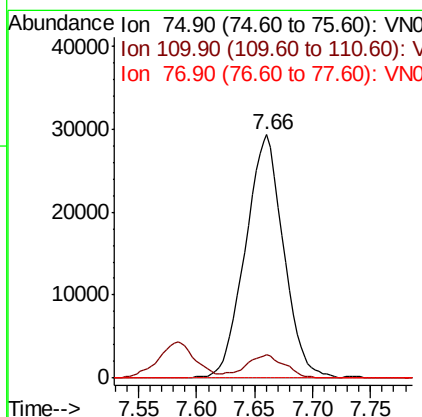
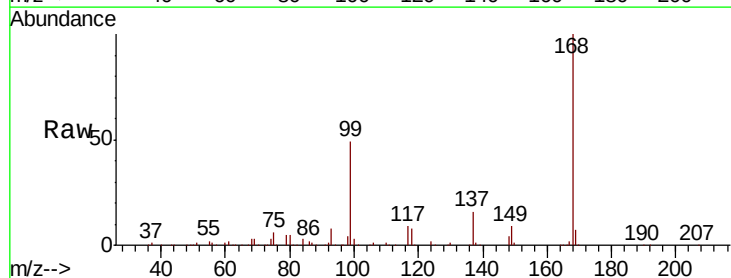
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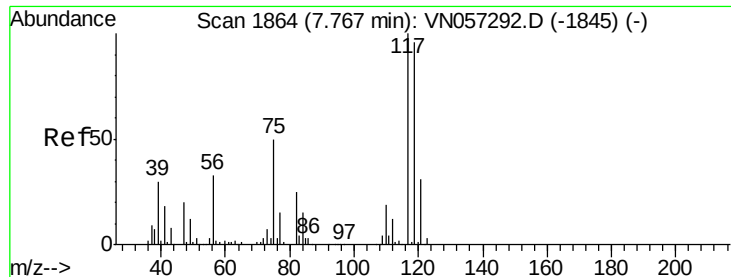
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	23.7	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.960 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.5	58.5#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.758 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G4-(3)

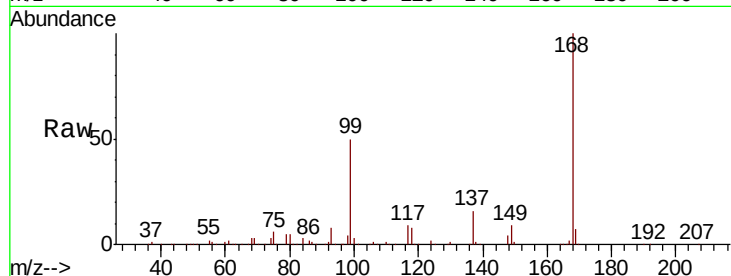
Tgt Ion: 117 Resp: 95093

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

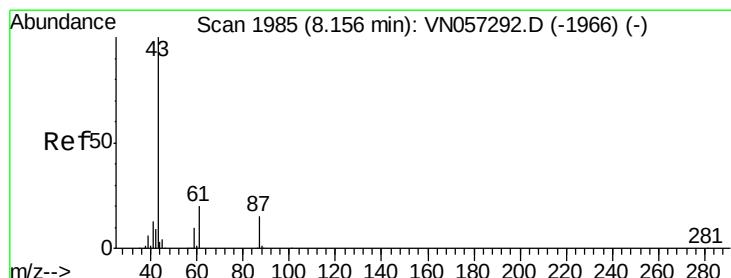
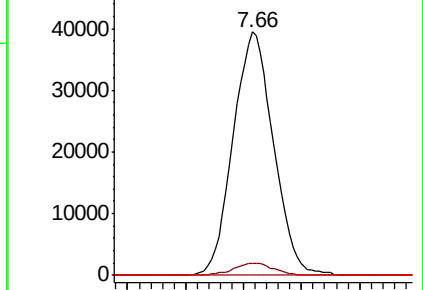
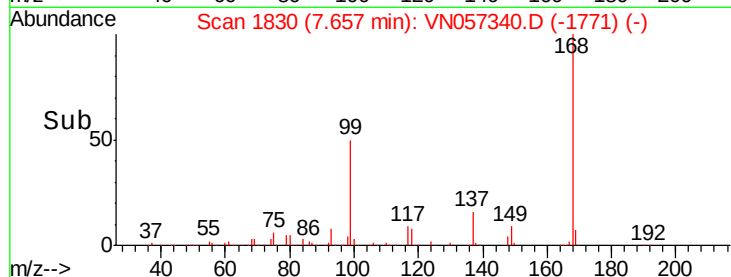
121 0.0 25.0 37.4#



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: 13.273 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

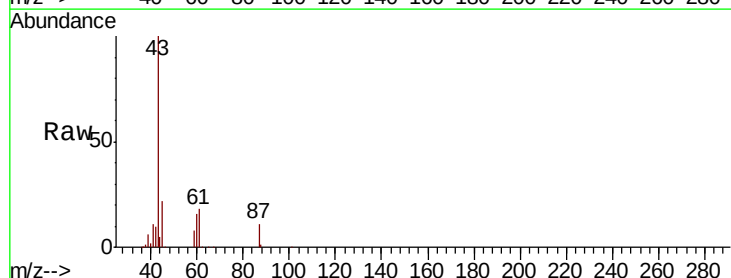
Tgt Ion: 43 Resp: 286043

Ion Ratio Lower Upper

43 100

61 10.3 21.6 32.4#

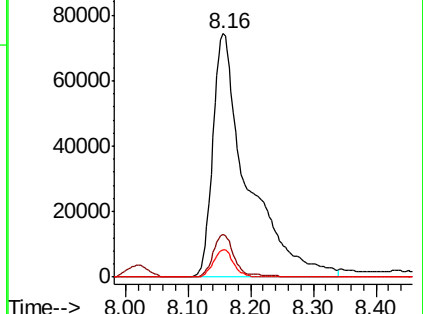
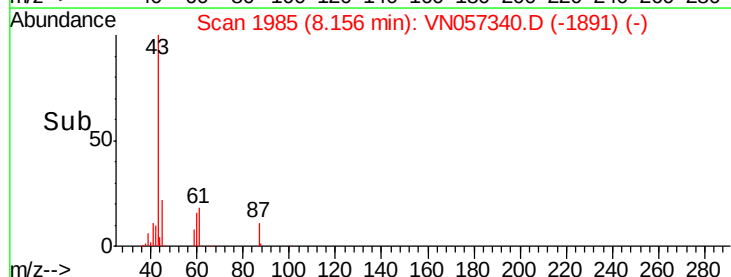
87 6.4 11.4 17.0#

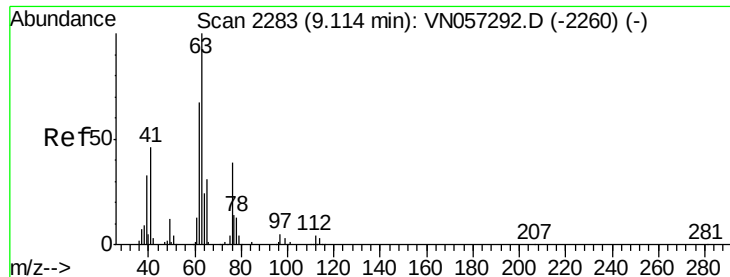


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.296 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.14 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

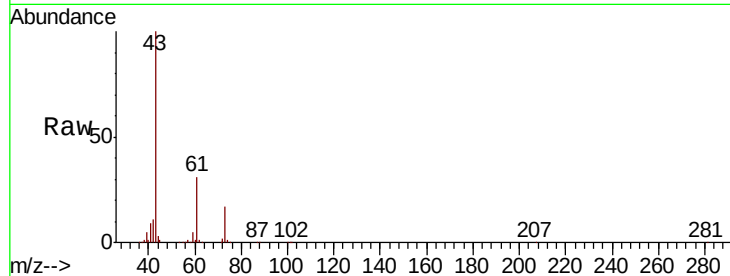
REACTOR-3-G4-(3)

Tgt Ion: 63 Resp: 3157

Ion Ratio Lower Upper

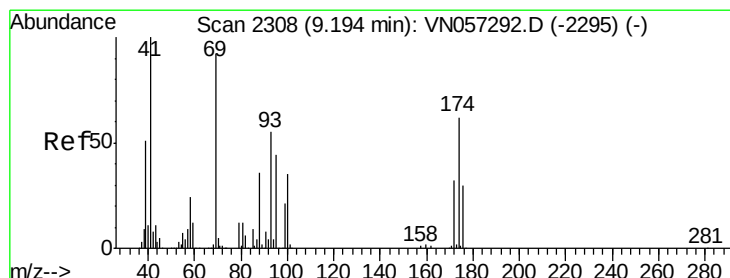
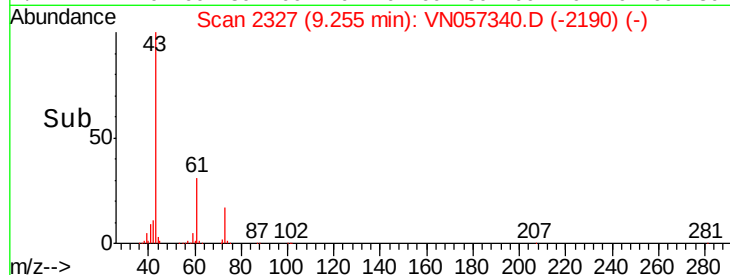
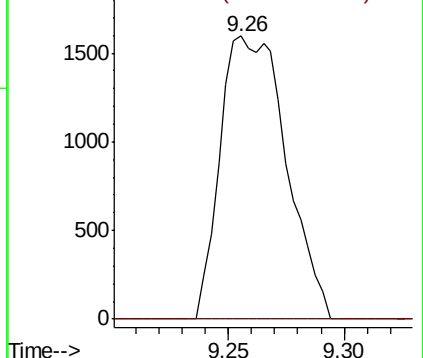
63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 0.836 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

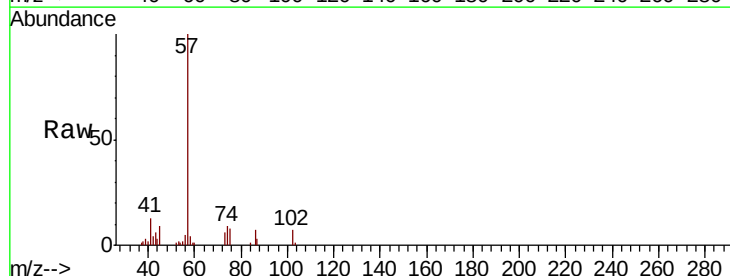
Tgt Ion: 41 Resp: 7636

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

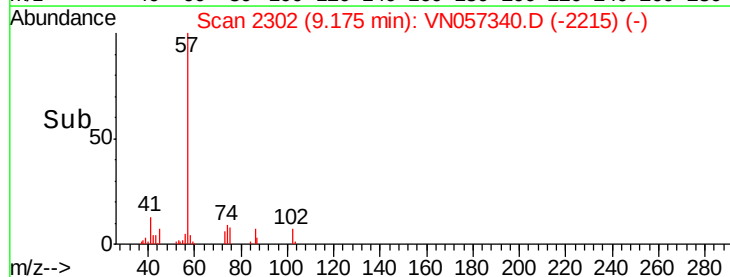
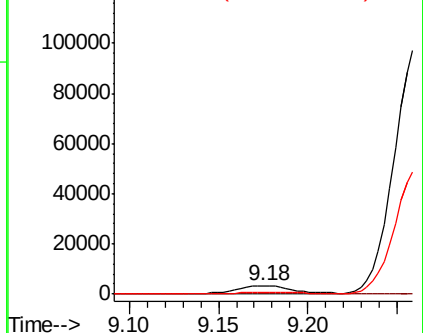
39 0.0 42.3 63.5#

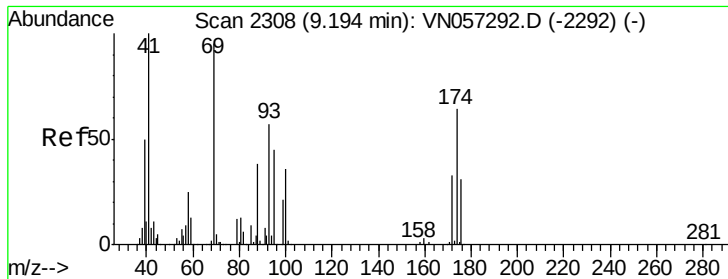


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 0.718 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.05 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

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

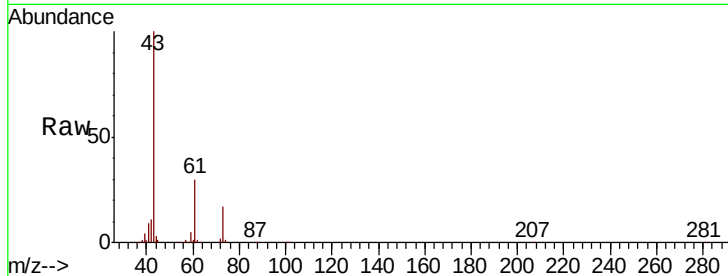
Tgt Ion: 88 Resp: 138

Ion Ratio Lower Upper

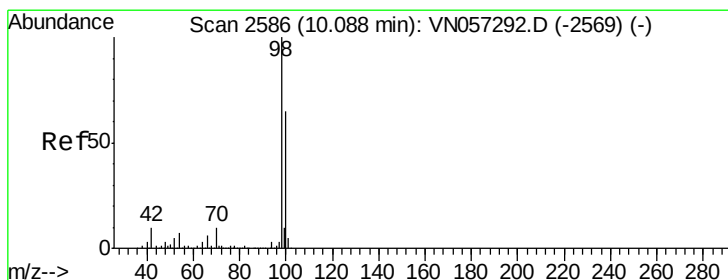
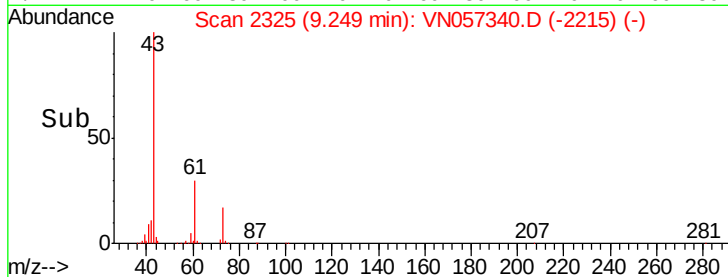
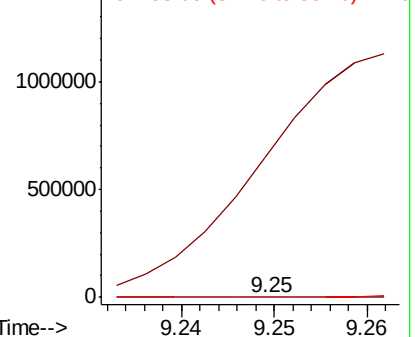
88 100

43 0.0 22.9 34.3#

58 0.0 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: 48.755 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057340.D

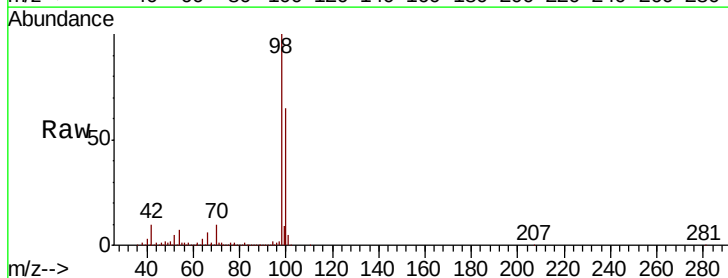
Acq: 15 Aug 2019 18:42

Tgt Ion: 98 Resp: 1792968

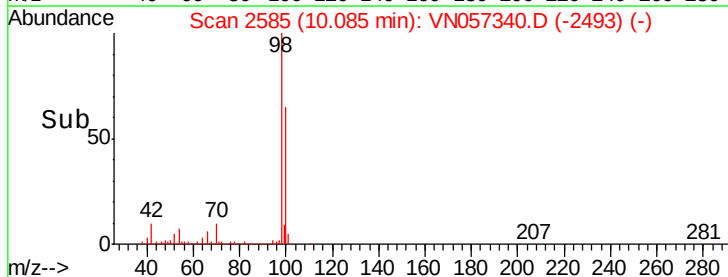
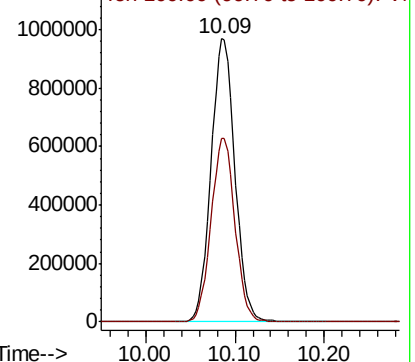
Ion Ratio Lower Upper

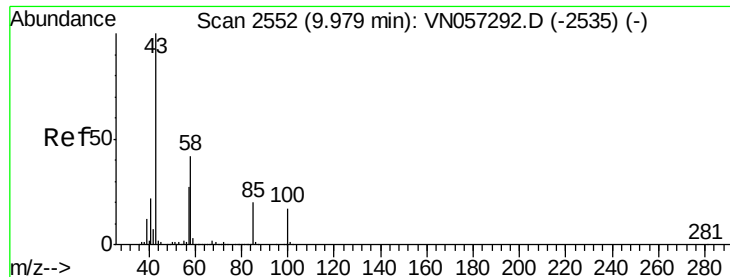
98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

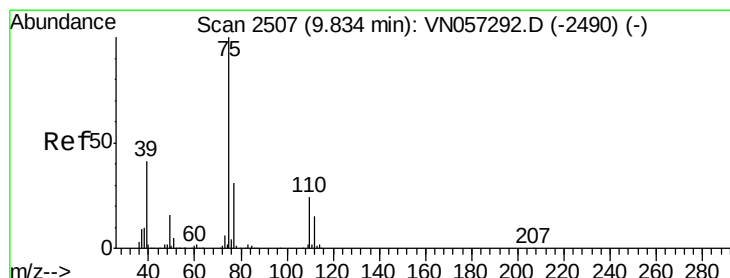
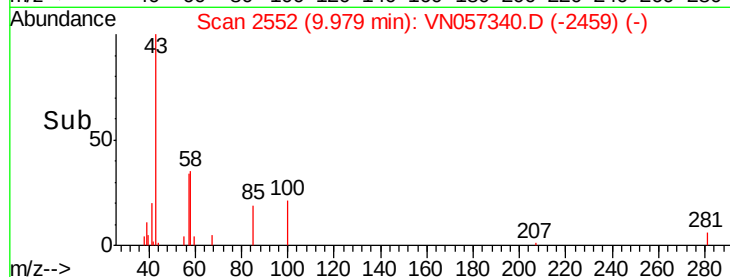
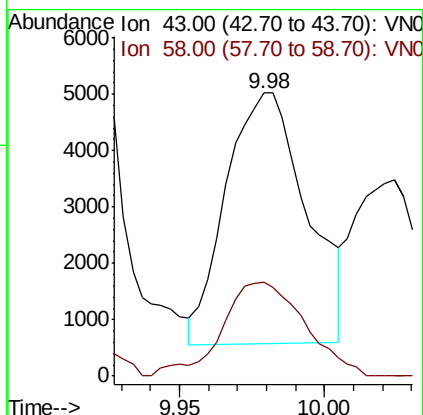
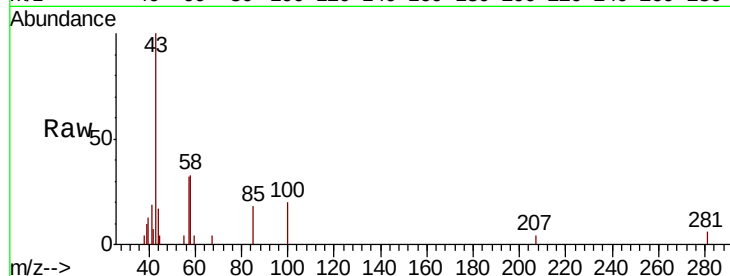




#51
 4-Methyl-2-Pentanone
 Concen: 0.750 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

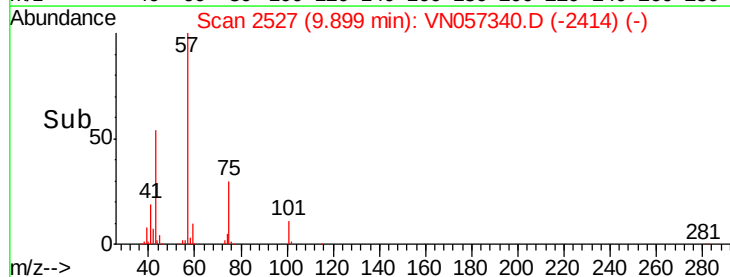
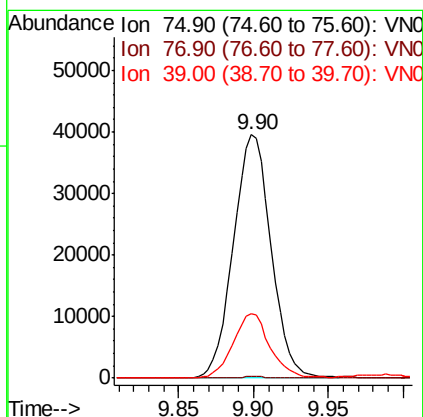
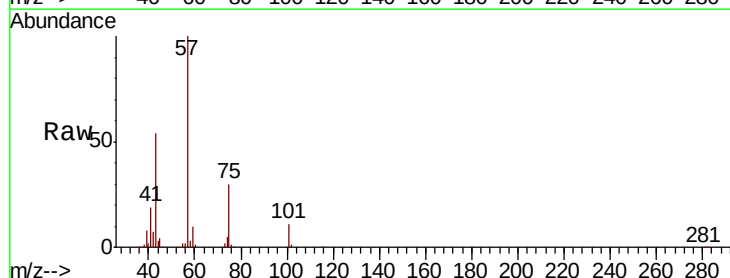
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(3)

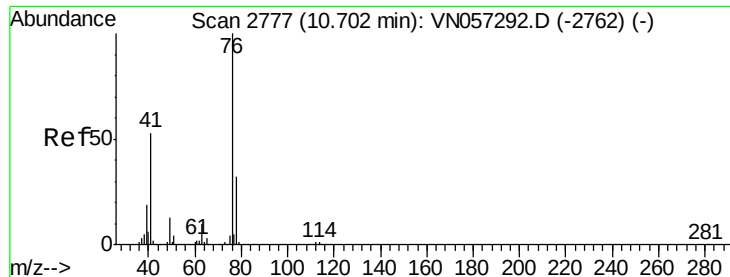
Tgt Ion: 43 Resp: 8585
 Ion Ratio Lower Upper
 43 100
 58 38.6 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.121 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

Tgt Ion: 75 Resp: 69376
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.9 37.3#
 39 26.6 32.7 49.1#





#57

1,3-Dichloropropane

Concen: 0.680 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

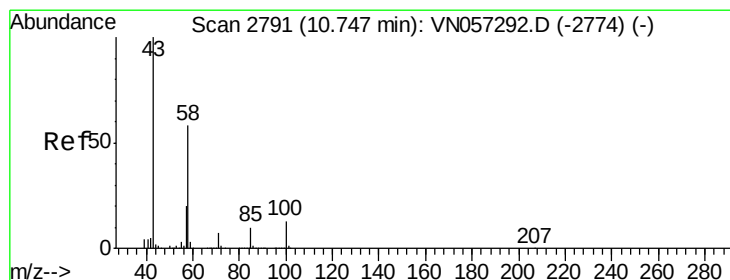
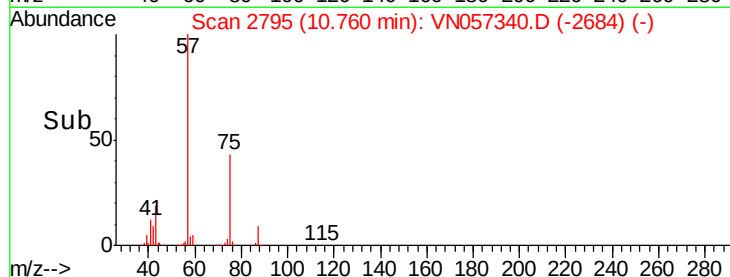
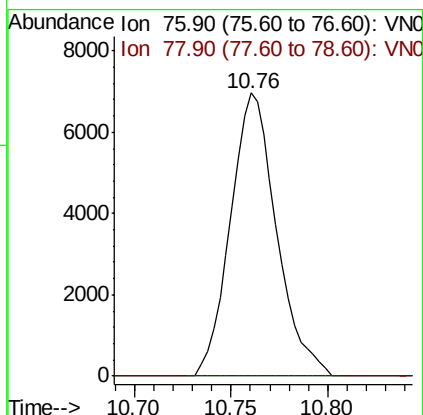
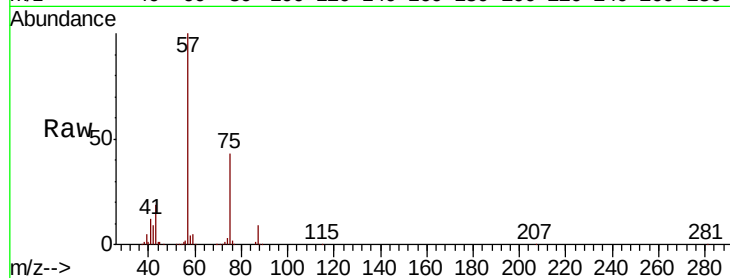
REACTOR-3-G4-(3)

Tgt Ion: 76 Resp: 11510

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 16.518 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057340.D

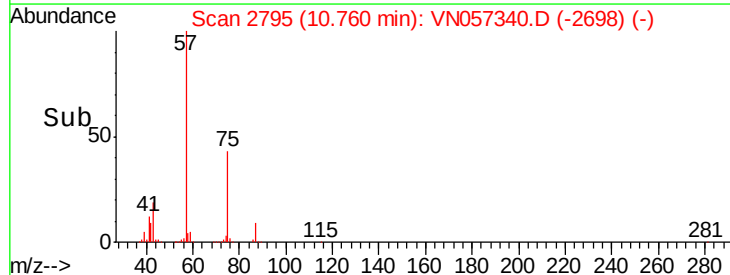
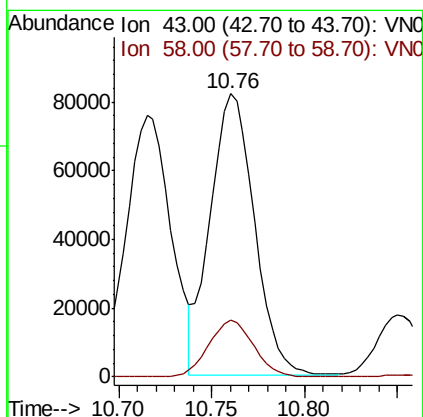
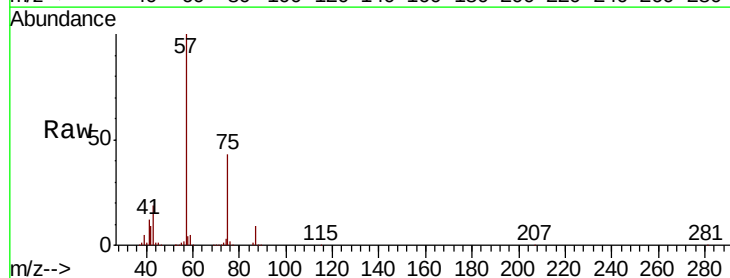
Acq: 15 Aug 2019 18:42

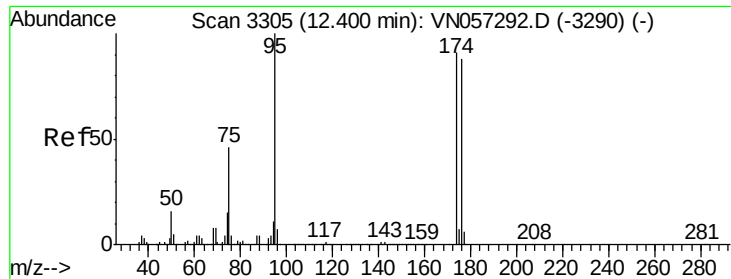
Tgt Ion: 43 Resp: 135889

Ion Ratio Lower Upper

43 100

58 20.4 28.6 85.9#

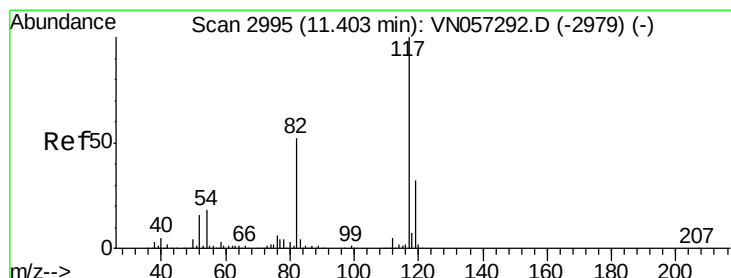
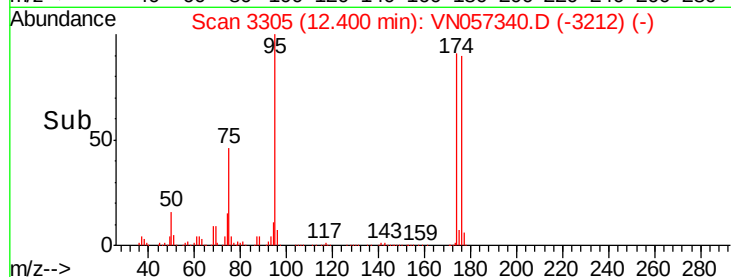
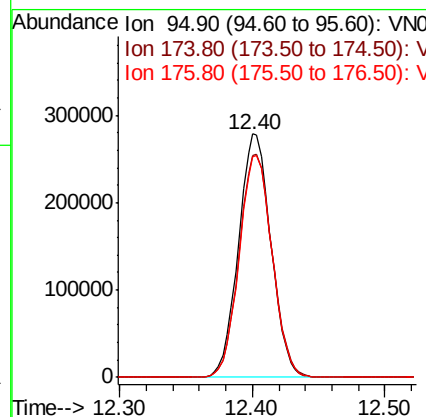
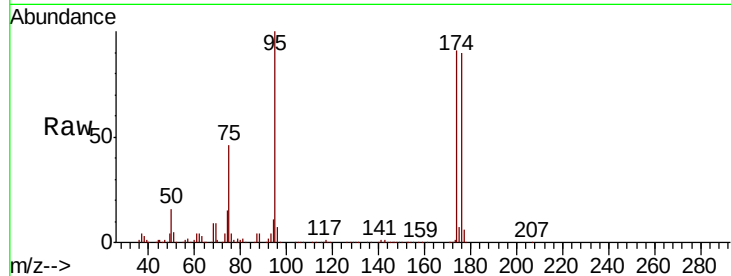




#62
4-Bromofluorobenzene
Concen: 36.480 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057340.D
Acq: 15 Aug 2019 18:42

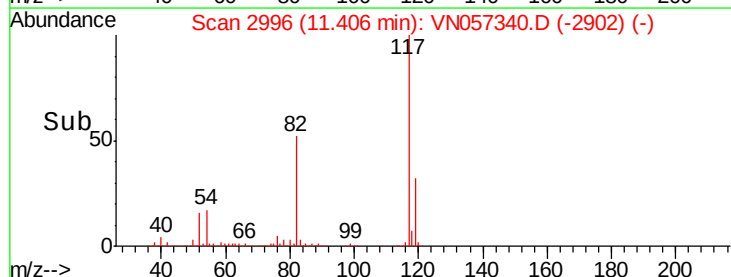
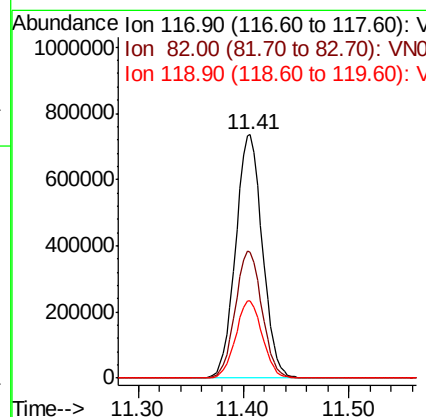
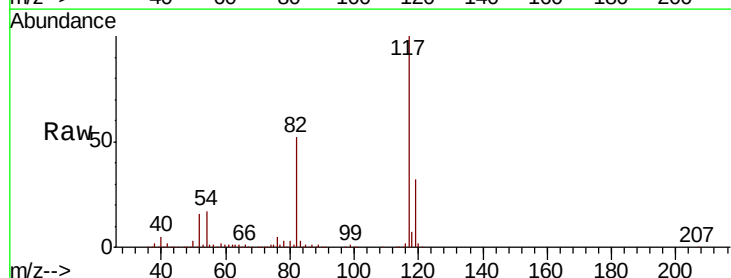
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-G4-(3)

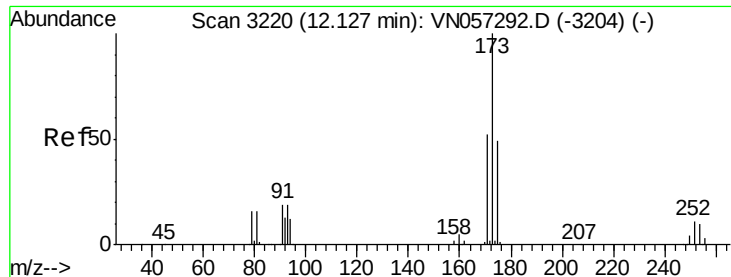
Tgt Ion: 95 Resp: 474096
Ion Ratio Lower Upper
95 100
174 93.4 0.0 185.0
176 92.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057340.D
Acq: 15 Aug 2019 18:42

Tgt Ion: 117 Resp: 1289474
Ion Ratio Lower Upper
117 100
82 51.9 41.2 61.8
119 31.8 25.8 38.8





#71

Bromoform

Concen: 0.283 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G4-(3)

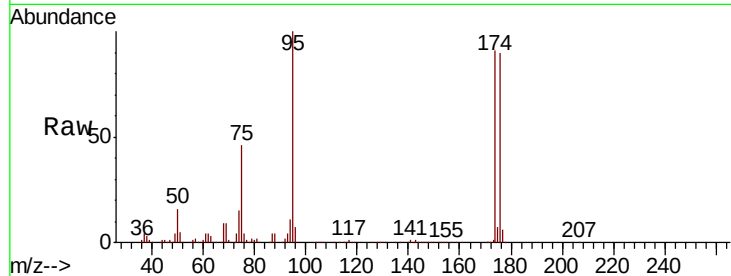
Tgt Ion:173 Resp: 2249

Ion Ratio Lower Upper

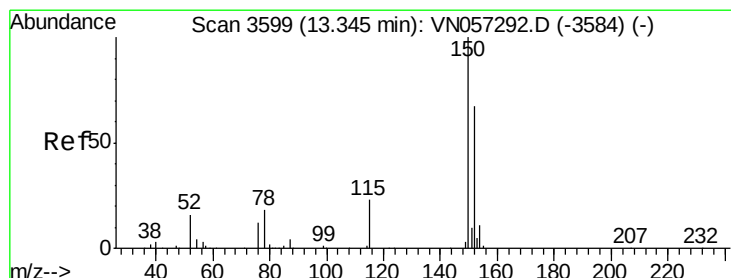
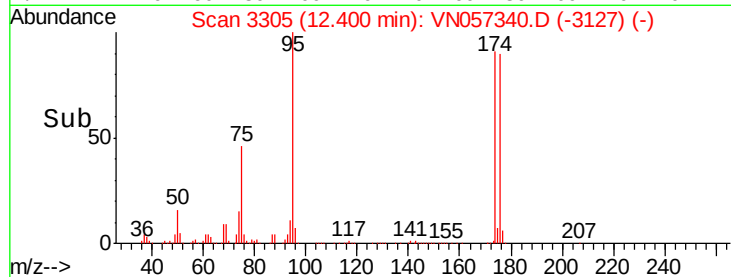
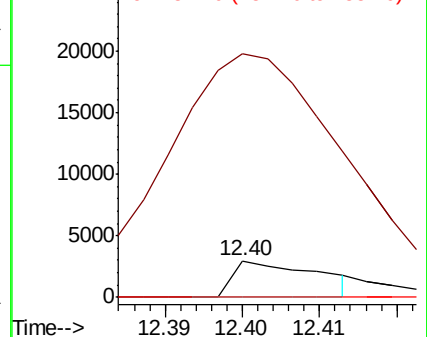
173 100

175 1267.6 24.2 72.6#

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

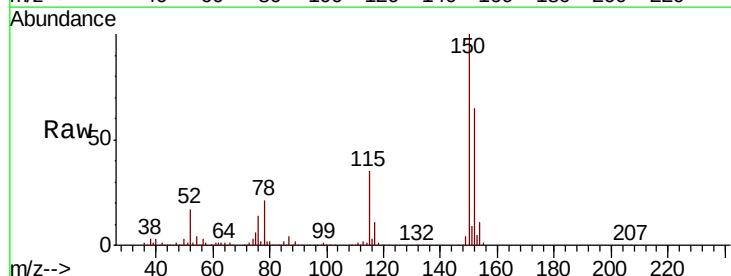
Tgt Ion:152 Resp: 330117

Ion Ratio Lower Upper

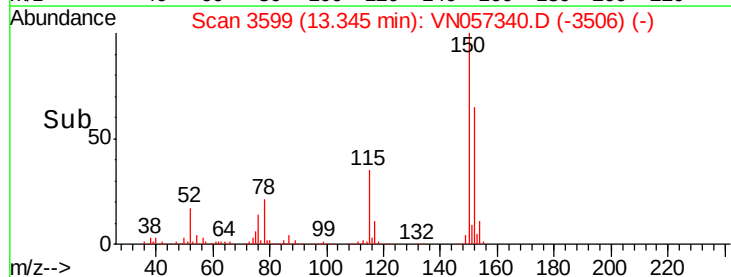
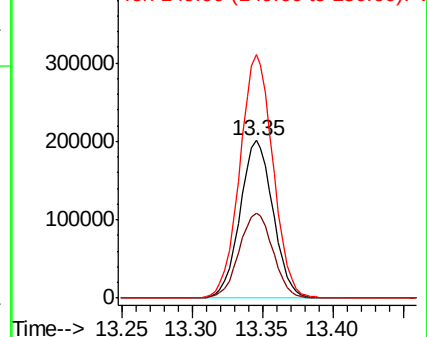
152 100

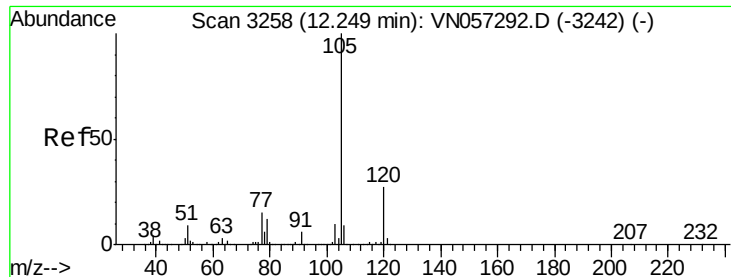
115 55.1 27.3 81.9

150 154.9 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: 12.40 min Scan# 3305

Delta R.T. 0.15 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

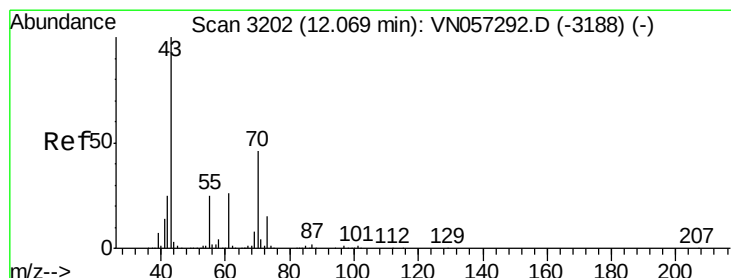
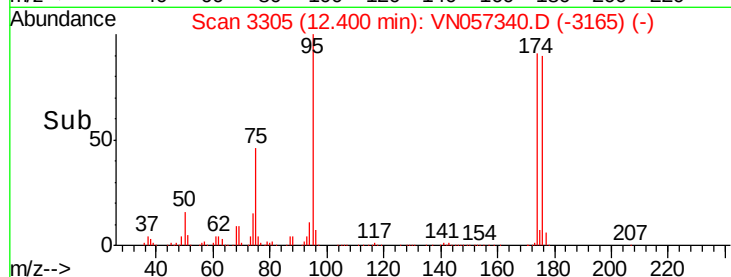
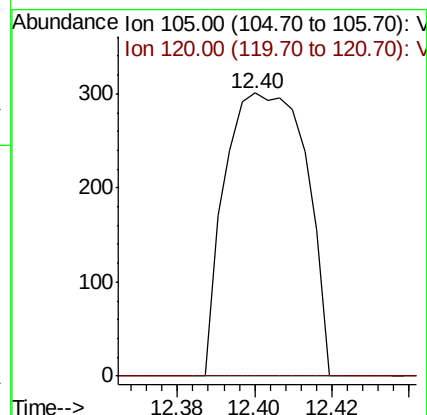
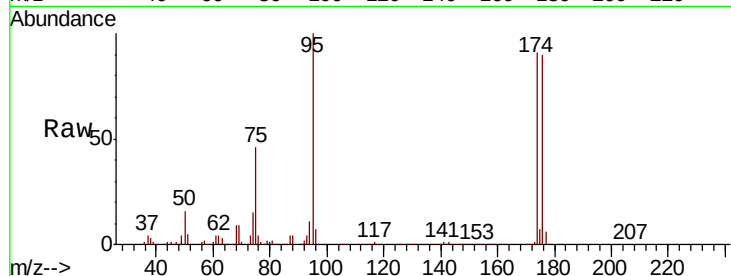
REACTOR-3-G4-(3)

Tgt Ion: 105 Resp: 438

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.377 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

Tgt Ion: 43 Resp: 3609

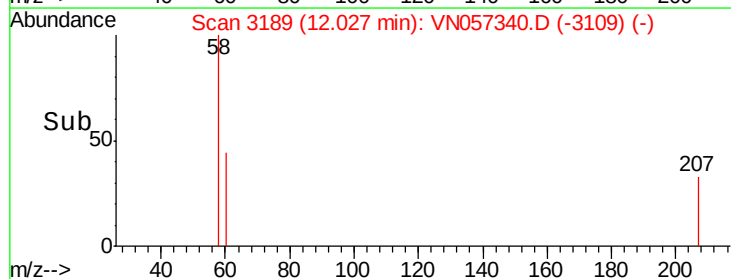
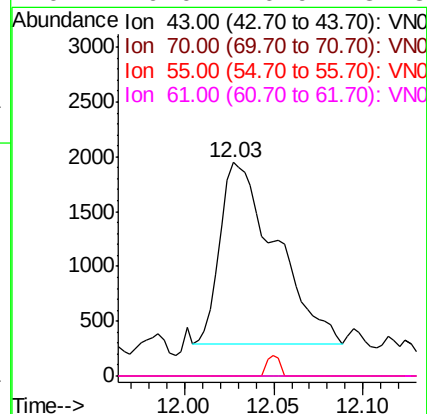
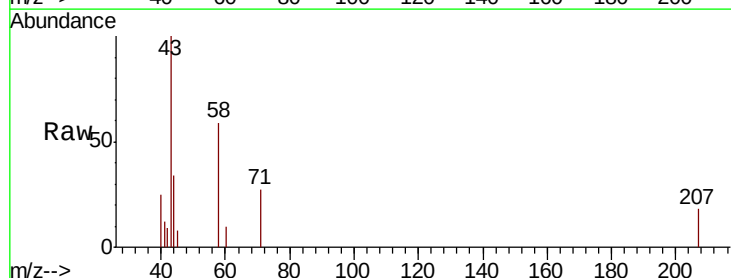
Ion Ratio Lower Upper

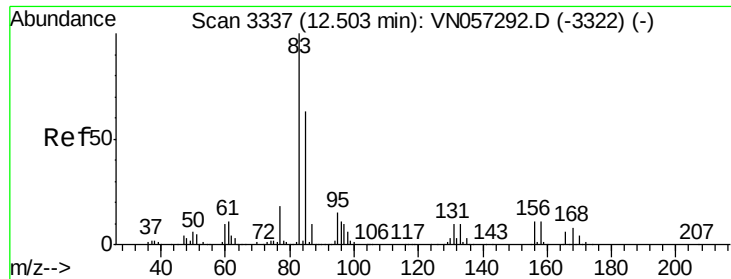
43 100

70 0.0 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: 12.39 min Scan# 3302

Delta R.T. -0.11 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G4-(3)

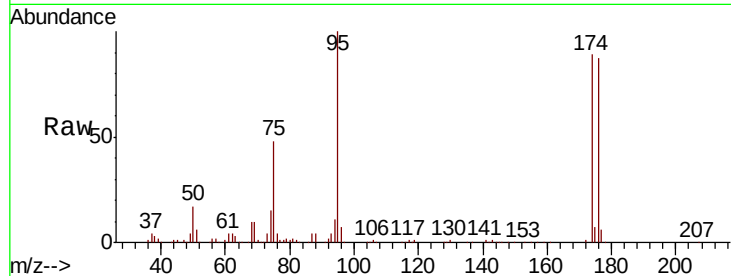
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 840.3 5.4 16.2#

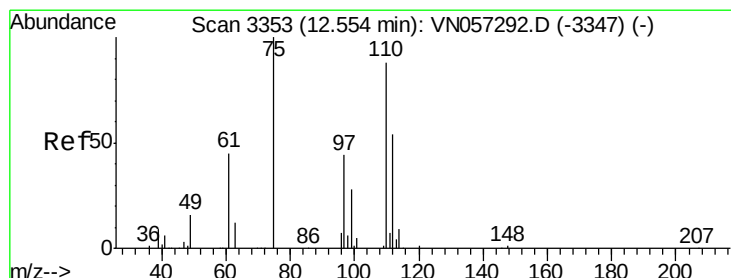
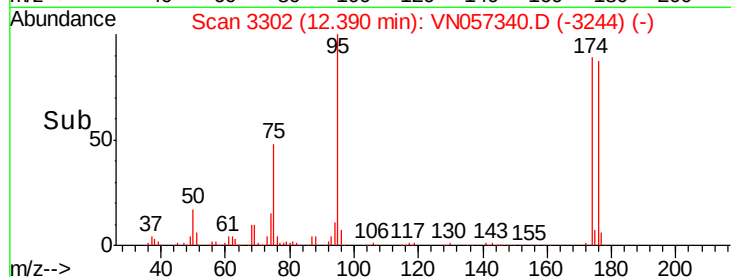
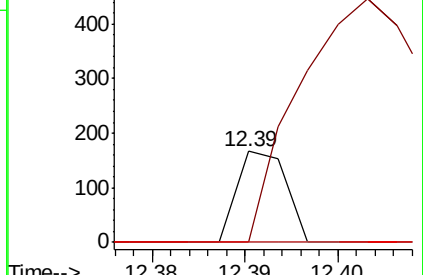
85 0.0 32.3 96.9#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.125 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057340.D

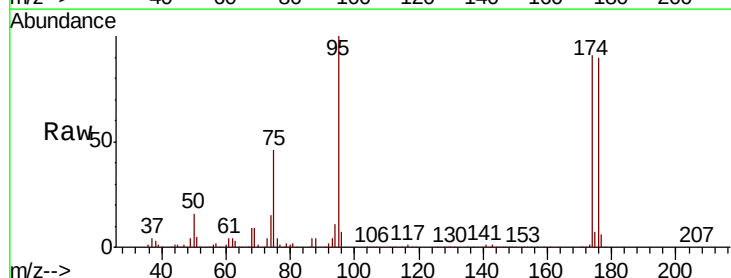
Acq: 15 Aug 2019 18:42

Tgt Ion: 75 Resp: 219406

Ion Ratio Lower Upper

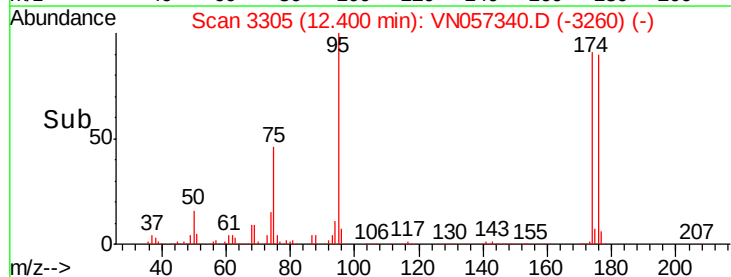
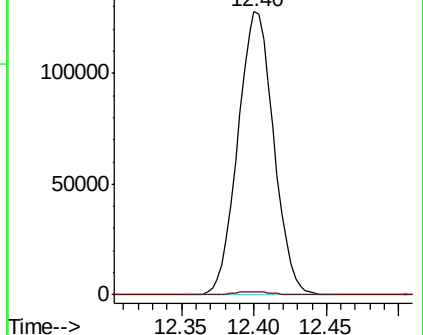
75 100

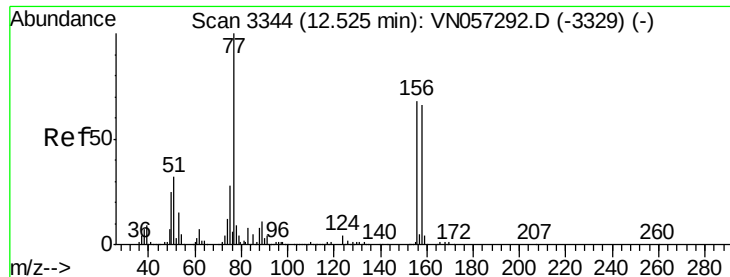
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3309

Delta R.T. -0.11 min

Lab File: VN057340.D

Acq: 15 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-G4-(3)

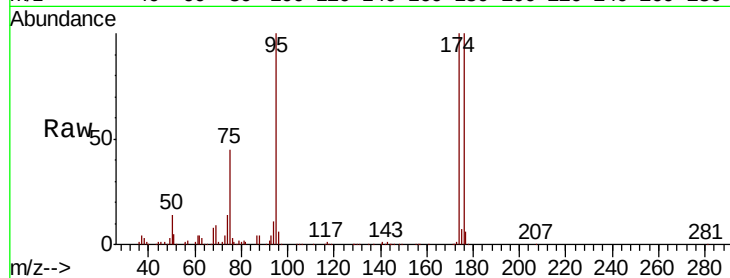
Tgt Ion:156 Resp: 109

Ion Ratio Lower Upper

156 100

77 2452.3 89.8 269.6#

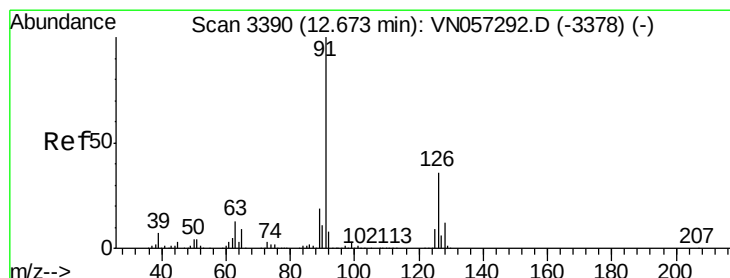
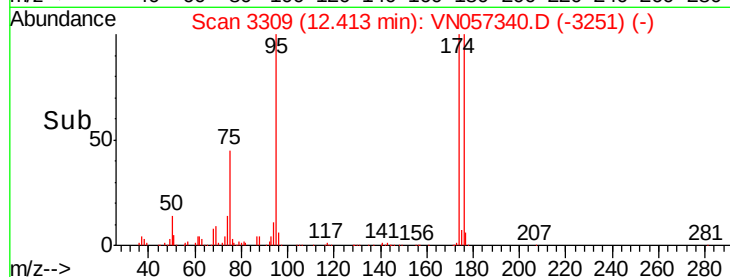
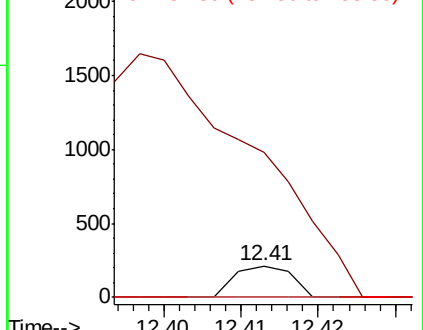
158 0.0 49.3 147.8#



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# 3388

Delta R.T. -0.01 min

Lab File: VN057340.D

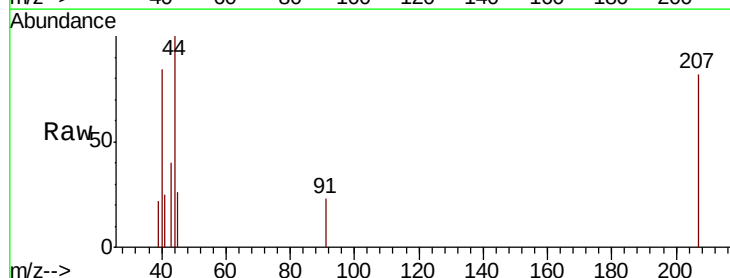
Acq: 15 Aug 2019 18:42

Tgt Ion: 91 Resp: 62

Ion Ratio Lower Upper

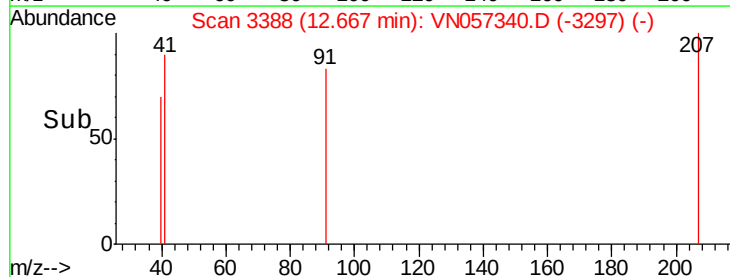
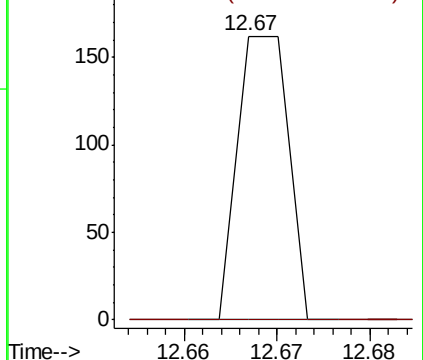
91 100

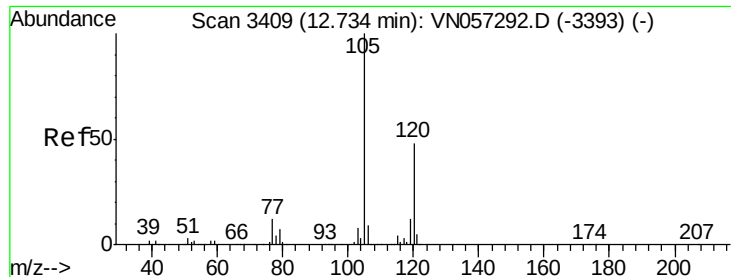
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

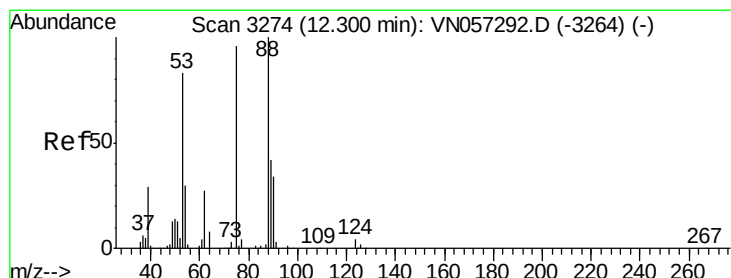
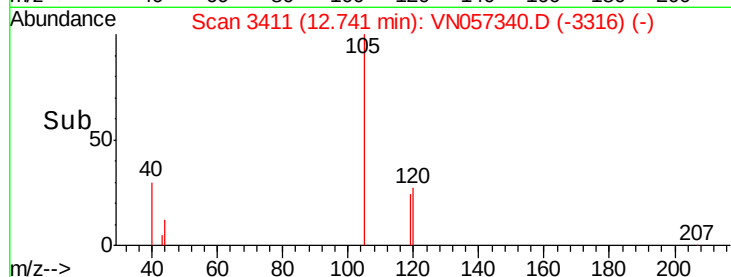
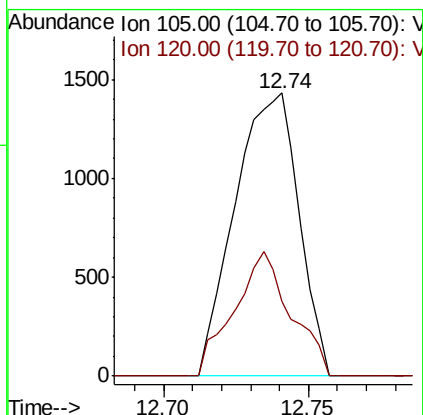
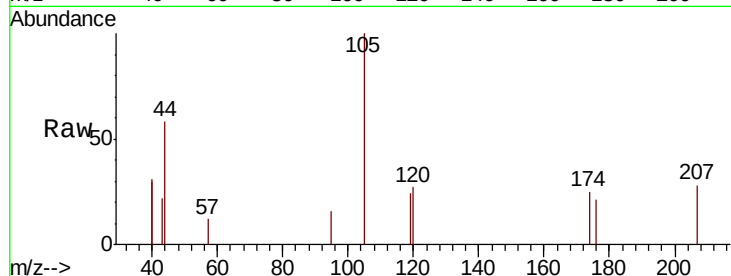




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.01 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

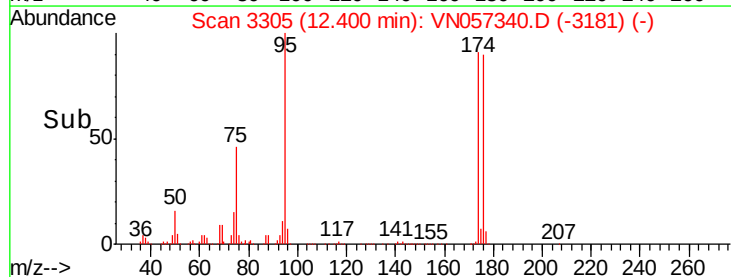
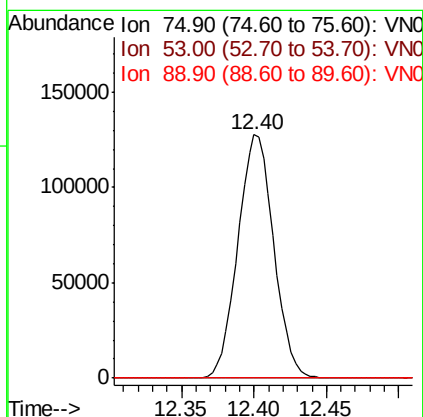
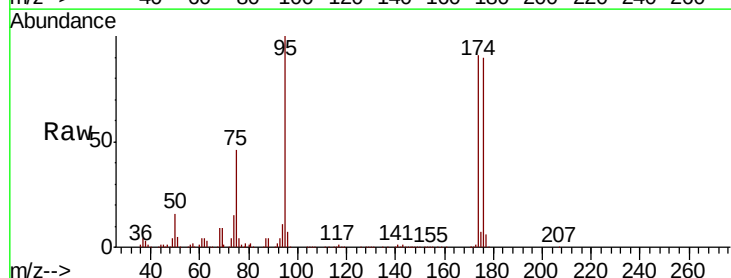
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-G4-(3)

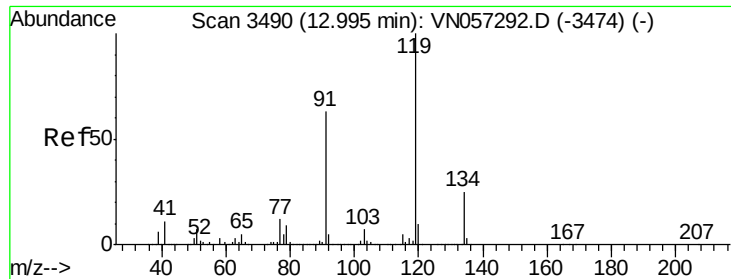
Tgt Ion: 105 Resp: 2188
 Ion Ratio Lower Upper
 105 100
 120 39.3 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.044 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

Tgt Ion: 75 Resp: 219406
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

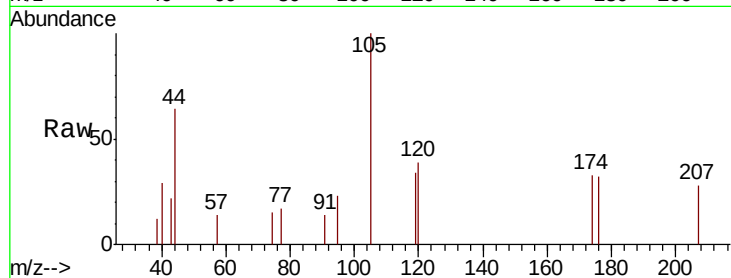




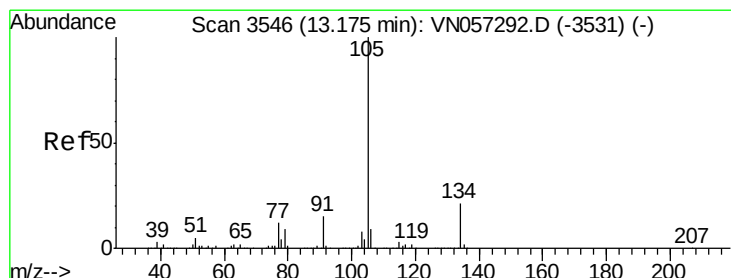
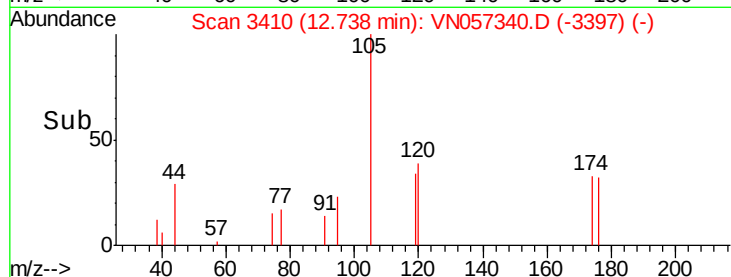
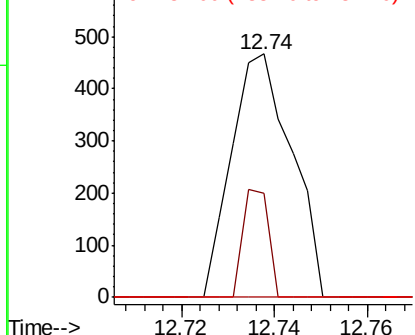
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. -0.26 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

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

Tgt Ion:119 Resp: 422
 Ion Ratio Lower Upper
 119 100
 91 18.5 31.3 93.8#
 134 0.0 13.1 39.1#

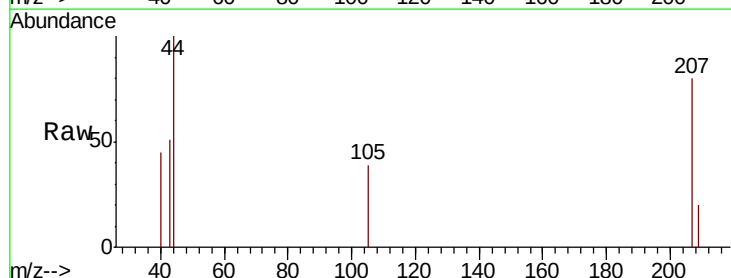


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

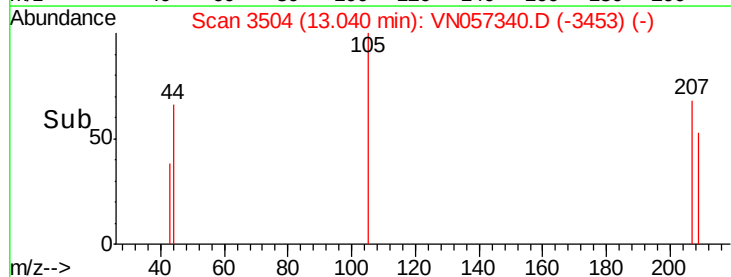
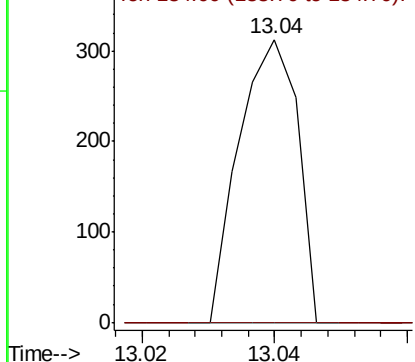


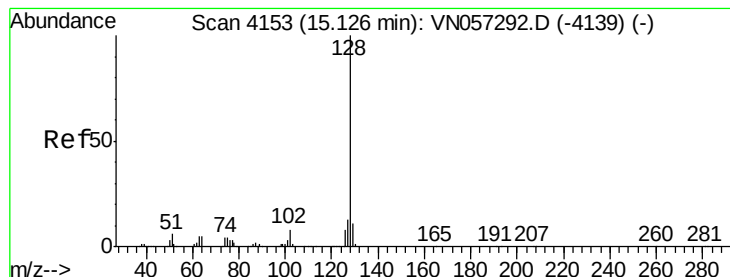
#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN057340.D
 Acq: 15 Aug 2019 18:42

Tgt Ion:105 Resp: 192
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: Below Cal
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN057340.D
Acq: 15 Aug 2019 18:42

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

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

