

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
 Data File : VN057331.D
 Acq On : 15 Aug 2019 15:03
 Operator : JC/SP
 Sample : K4264-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

Quant Time: Aug 16 02:00:57 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	1119785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1566444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1306762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	528362	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
35) Dibromofluoromethane	7.58	113	472673	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	10.09	98	1824922	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	480040	36.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.34%	

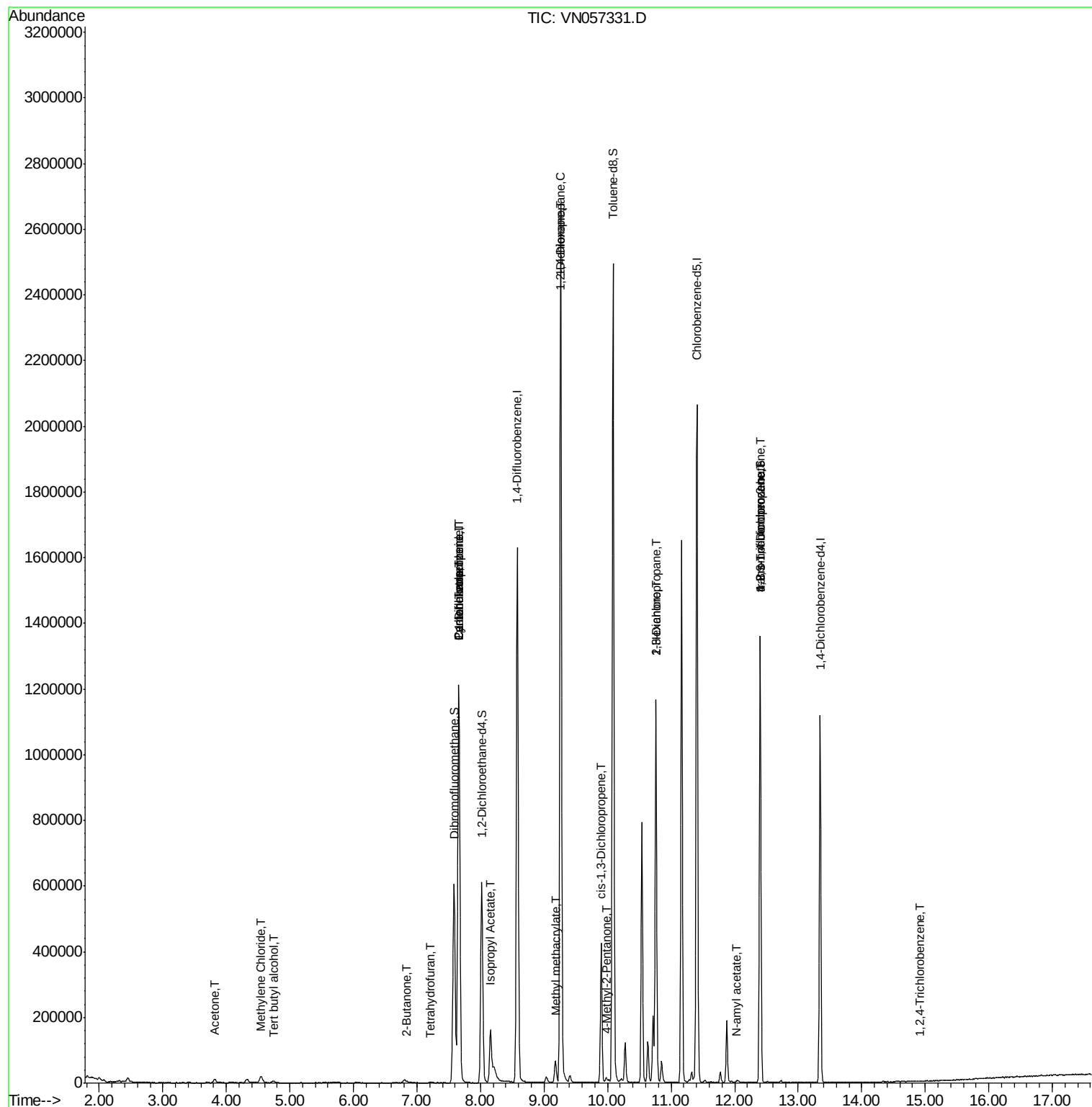
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	2683	1.550	ug/l #	73
16) Acetone	3.82	43	15524	3.676	ug/l	98
18) Methyl Acetate	4.33	43	23559	Below Cal	#	68
20) Methylene Chloride	4.54	84	16415	1.389	ug/l	88
25) 2-Butanone	6.84	43	3573	0.584	ug/l #	77
29) Tetrahydrofuran	7.20	42	1111	0.287	ug/l #	30
31) Cyclohexane	7.66	56	16645	1.003	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	65817	4.759	ug/l #	48
38) Carbon Tetrachloride	7.66	117	94709	6.591	ug/l #	16
43) Isopropyl Acetate	8.16	43	199277	8.687	ug/l #	88
45) 1,2-Dichloropropane	9.26	63	3547	0.325	ug/l #	44
48) Methyl methacrylate	9.18	41	9457	1.014	ug/l #	11
49) 1,4-Dioxane	9.25	88	250	1.274	ug/l #	26
51) 4-Methyl-2-Pentanone	9.98	43	10157	0.869	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	85923	4.998	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	12631	0.730	ug/l #	43
59) 2-Hexanone	10.76	43	164510	19.581	ug/l #	51
73) Isopropylbenzene	12.25	105	440	Below Cal	#	49
74) N-amyl acetate	12.03	43	5391	0.558	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.40	83	178	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	221144	33.112	ug/l #	100
79) 2-Chlorotoluene	12.67	91	240	Below Cal	#	51
80) 1,3,5-Trimethylbenzene	12.73	105	2364	Below Cal		100
81) trans-1,4-Dichloro-2-buten	12.40	75	221144	81.014	ug/l #	15
83) tert-Butylbenzene	13.00	119	257	Below Cal	#	53
85) sec-Butylbenzene	13.18	105	605	Below Cal	#	66
93) 1,2,4-Trichlorobenzene	14.91	180	317	5.421	ug/l	70
95) Naphthalene	15.12	128	1125	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	587	Below Cal		89

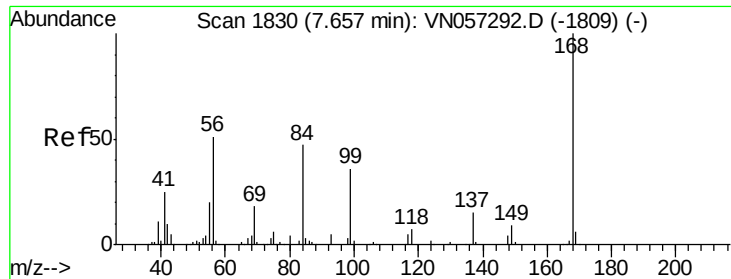
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
Data File : VN057331.D
Acq On : 15 Aug 2019 15:03
Operator : JC/SP
Sample : K4264-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(3)

Quant Time: Aug 16 02:00:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

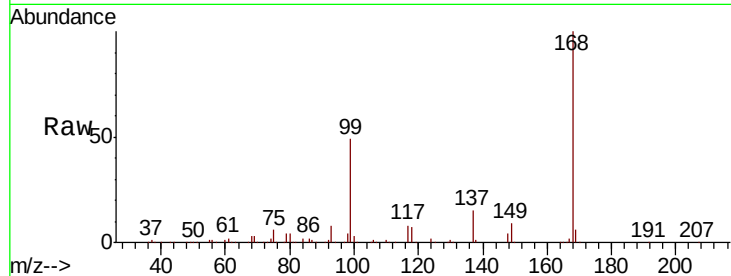
REACTOR-3-C3-(3)

Tgt Ion:168 Resp: 1119785

Ion Ratio Lower Upper

168 100

99 48.6 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

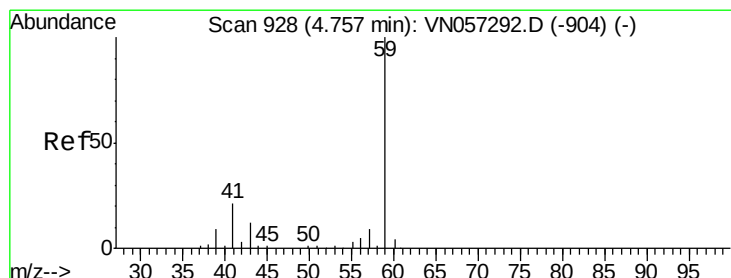
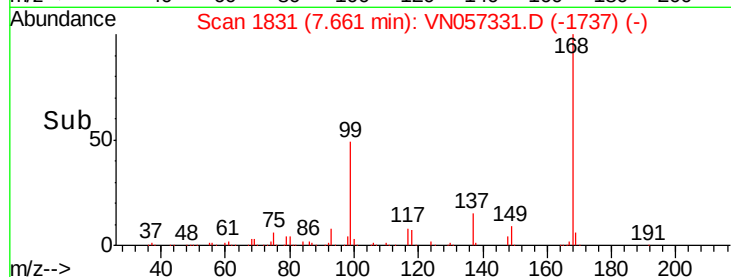
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.550 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.02 min

Lab File: VN057331.D

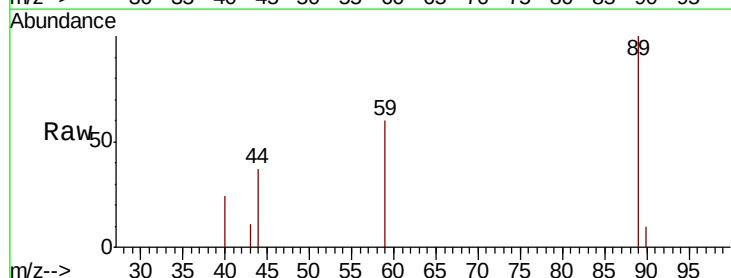
Acq: 15 Aug 2019 15:03

Tgt Ion: 59 Resp: 2683

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057292.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN057292.D (-904) (-)

4.73

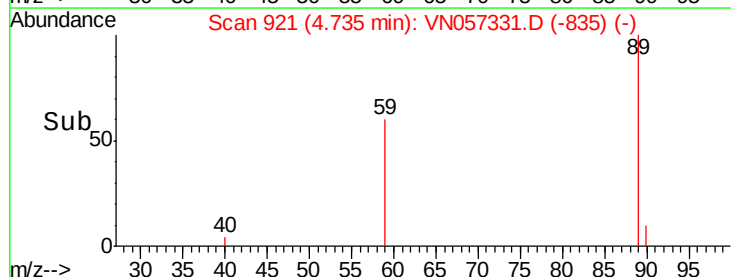
1500

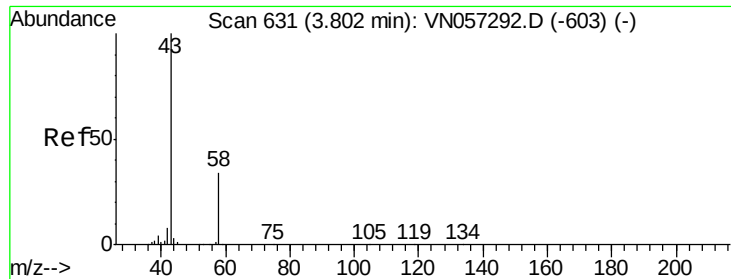
1000

500

0

Time-->

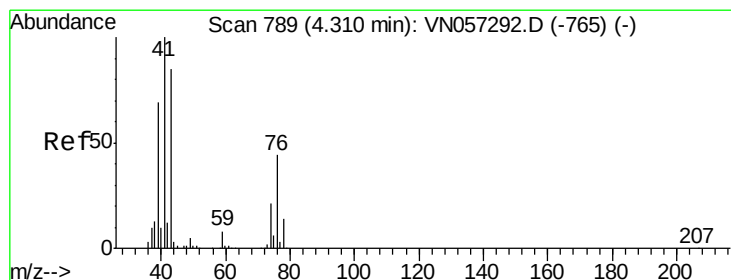
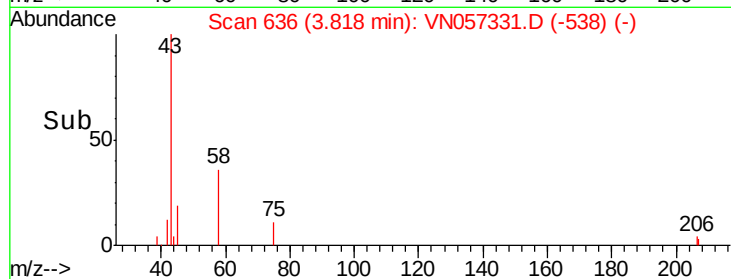
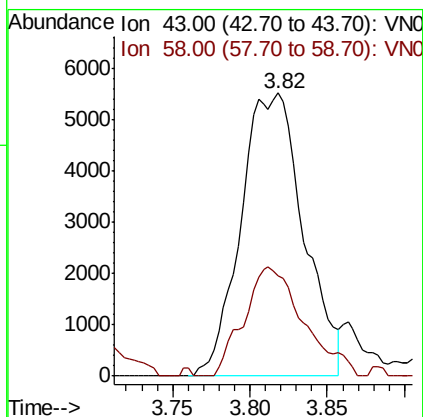
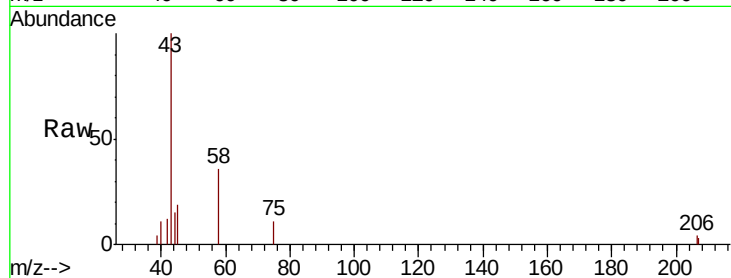




#16
Acetone
Concen: 3.676 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.02 min
Lab File: VN057331.D
Acq: 15 Aug 2019 15:03

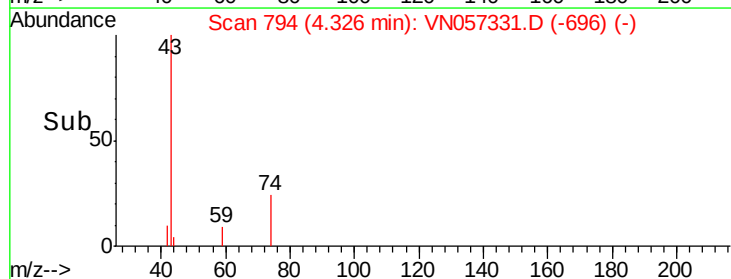
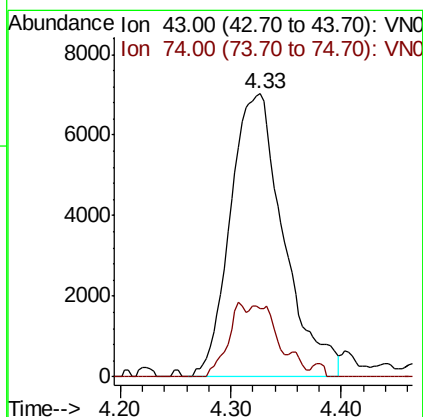
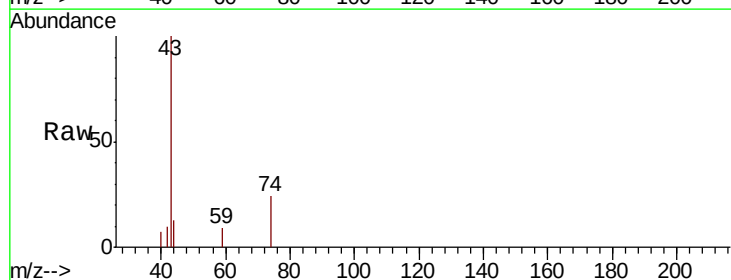
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(3)

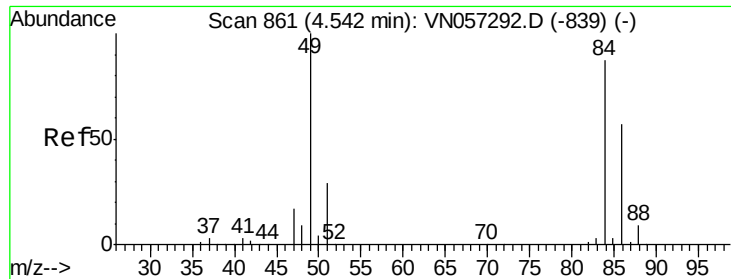
Tgt Ion: 43 Resp: 15524
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN057331.D
Acq: 15 Aug 2019 15:03

Tgt Ion: 43 Resp: 23559
Ion Ratio Lower Upper
43 100
74 8.9 20.2 30.2#

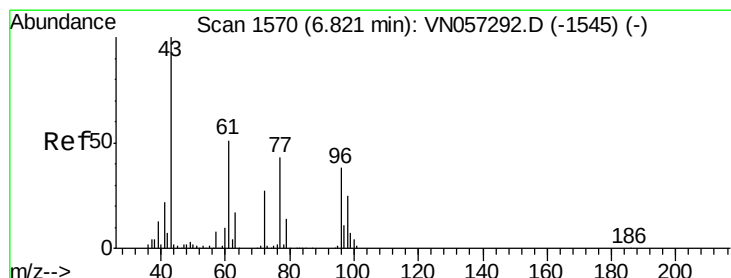
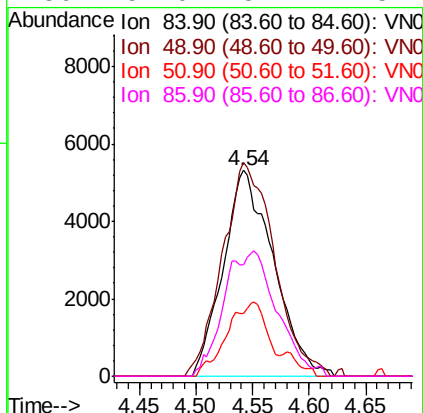
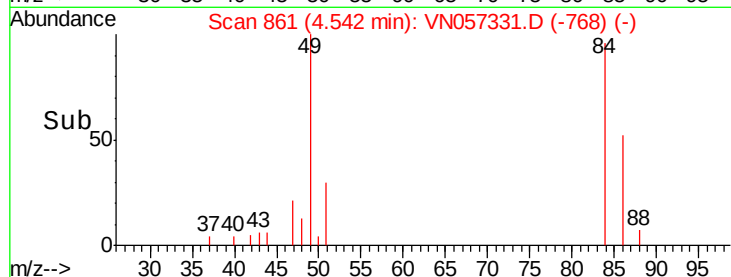
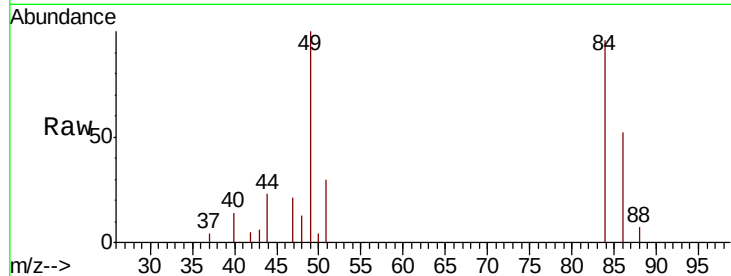




#20
Methylene Chloride
Concen: 1.389 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057331.D
Acq: 15 Aug 2019 15:03

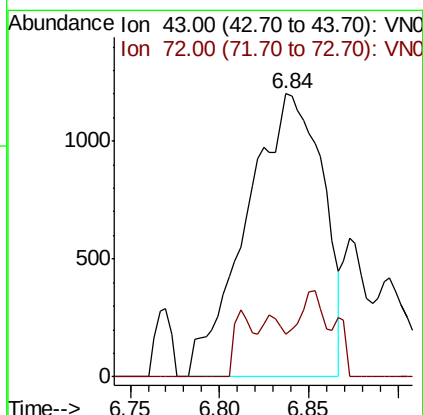
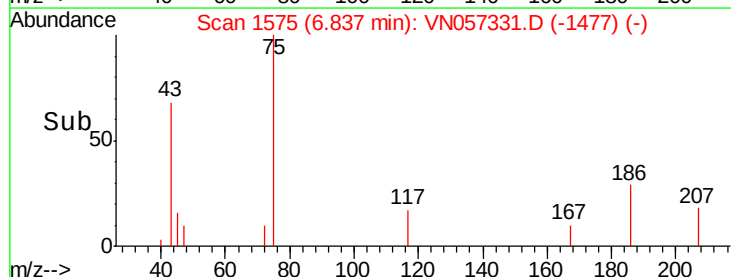
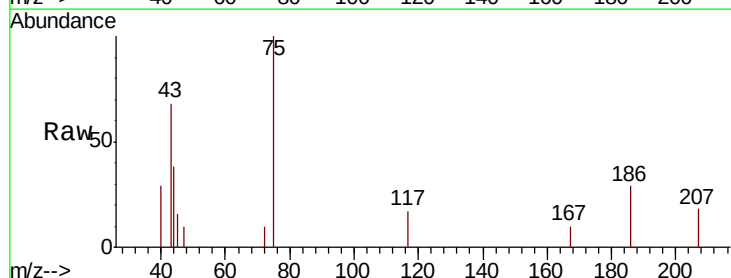
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(3)

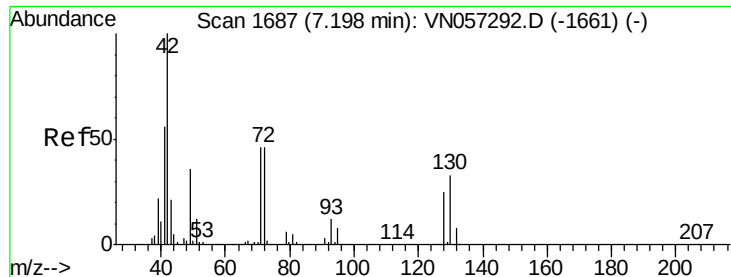
Tgt Ion:	84	Resp:	16415
Ion	Ratio	Lower	Upper
84	100		
49	100.6	92.0	138.0
51	30.6	27.1	40.7
86	54.0	52.2	78.2



#25
2-Butanone
Concen: 0.584 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN057331.D
Acq: 15 Aug 2019 15:03

Tgt Ion:	43	Resp:	3573
Ion	Ratio	Lower	Upper
43	100		
72	15.2	21.5	32.3#

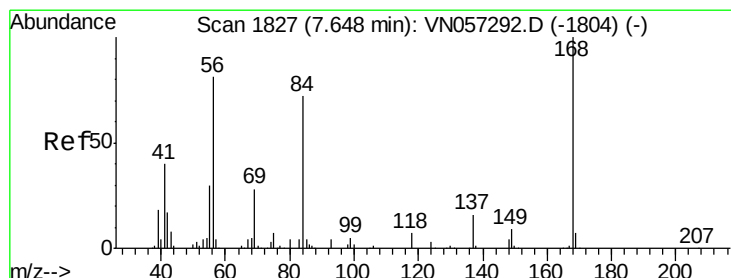
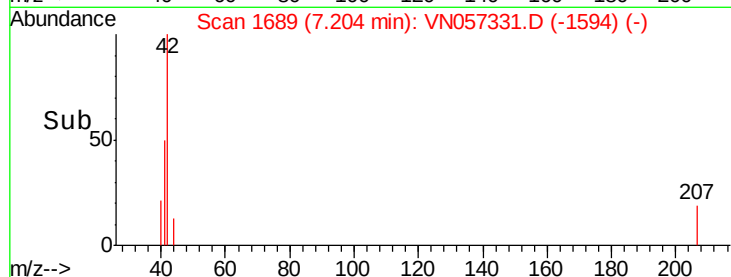
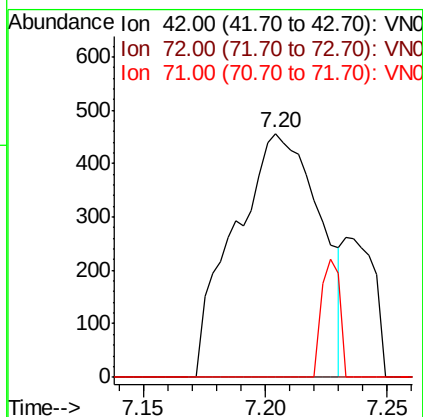
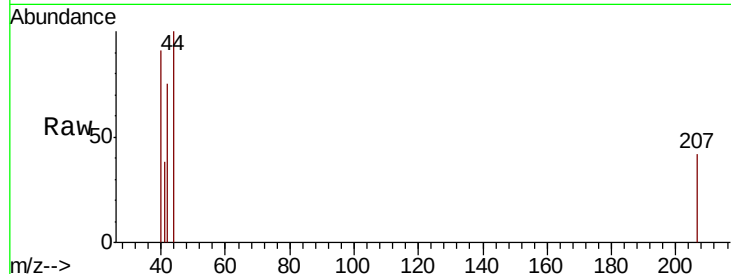




#29
Tetrahydrofuran
Concen: 0.287 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN057331.D
Acq: 15 Aug 2019 15:03

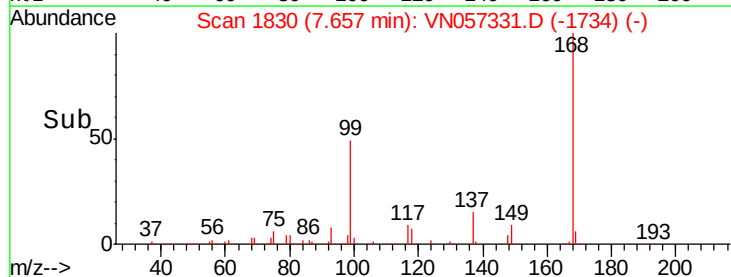
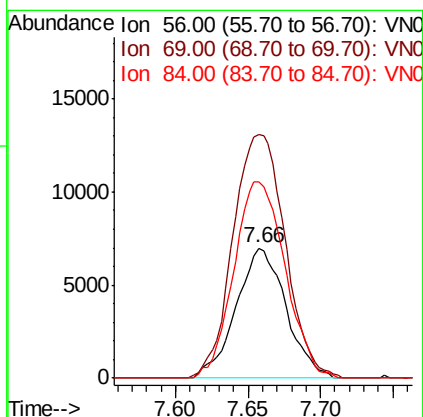
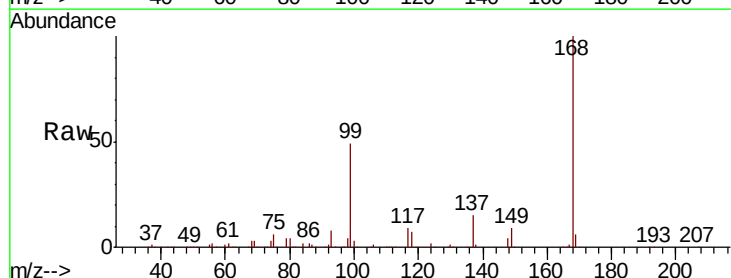
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(3)

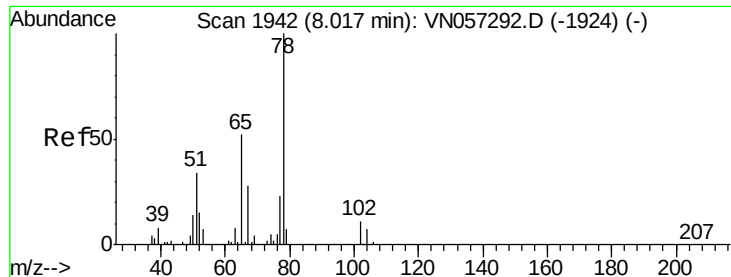
Tgt Ion: 42 Resp: 1111
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.6#
71 0.0 35.7 53.5#



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057331.D
Acq: 15 Aug 2019 15:03

Tgt Ion: 56 Resp: 16645
Ion Ratio Lower Upper
56 100
69 187.4 27.3 40.9#
84 151.5 71.0 106.6#

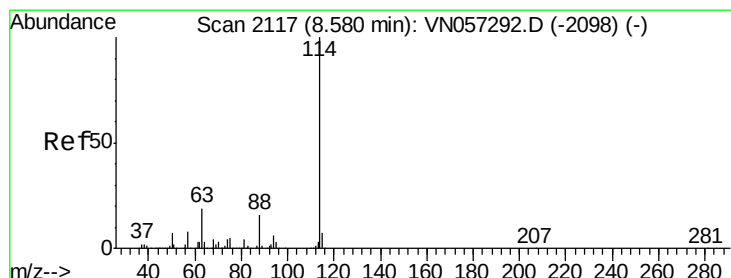
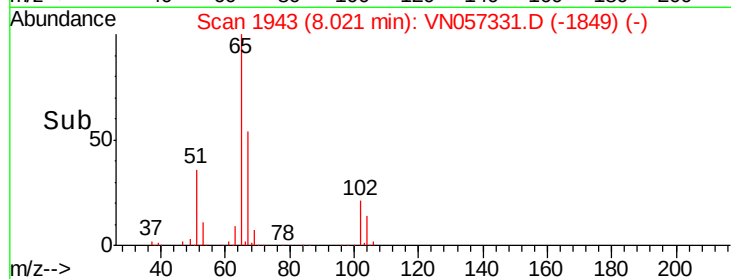
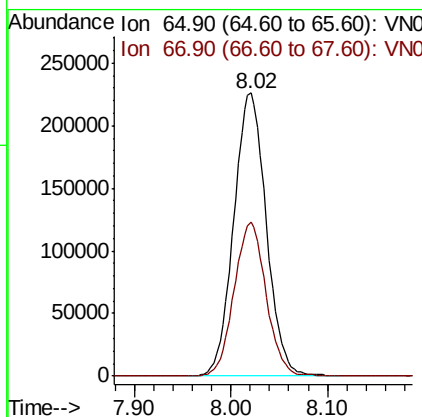
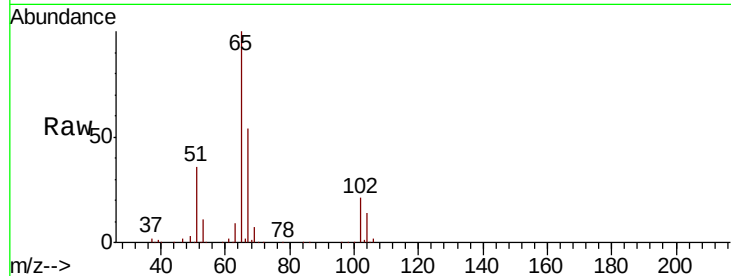




#33
 1,2-Dichloroethane-d4
 Concen: 43.403 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

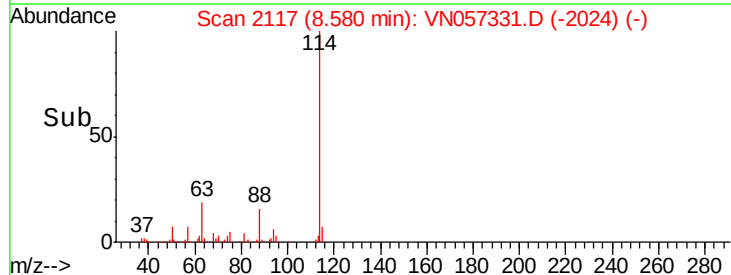
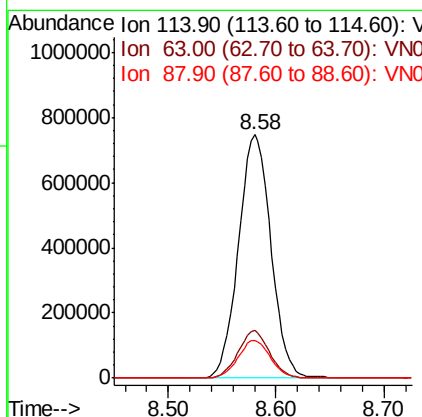
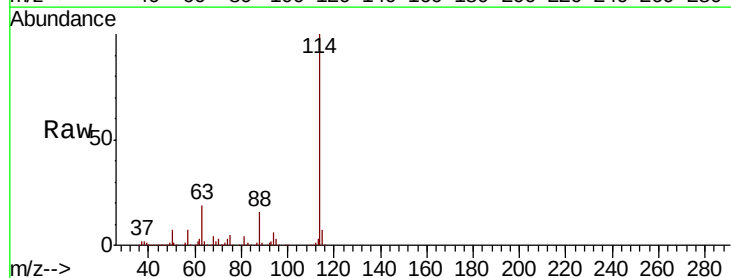
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

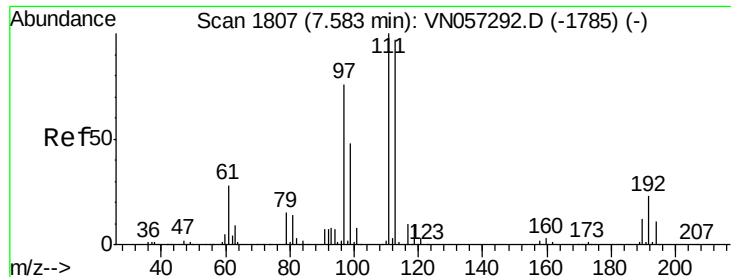
Tgt Ion: 65 Resp: 528362
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Tgt Ion: 114 Resp: 1566444
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 15.5 0.0 31.4

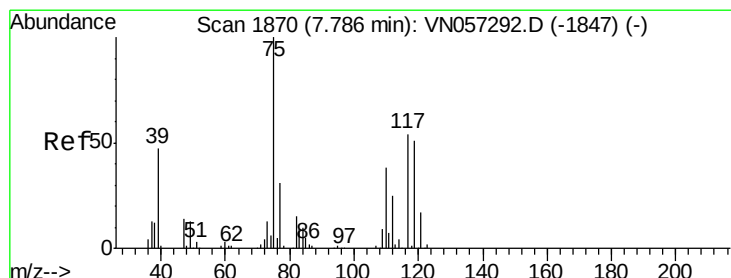
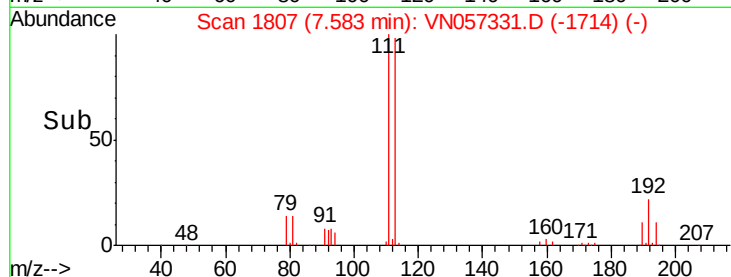
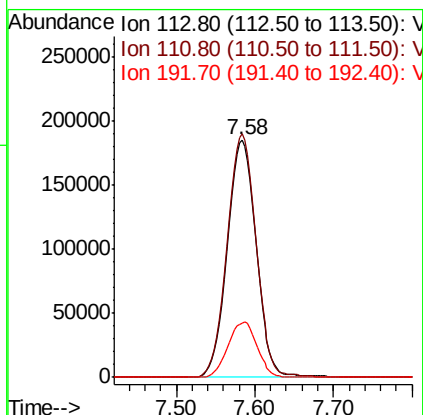
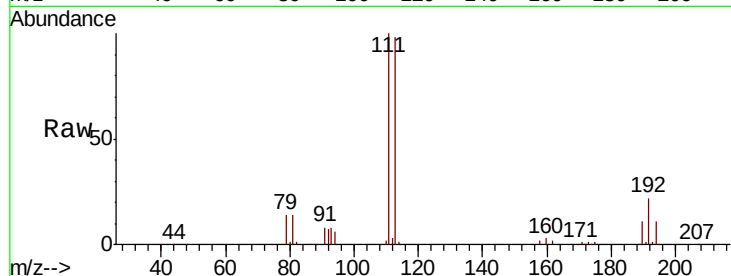




#35
 Dibromofluoromethane
 Concen: 46.032 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

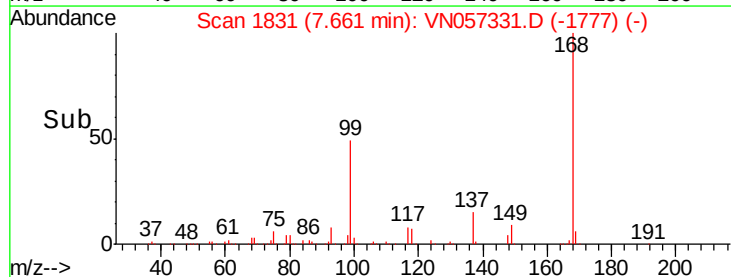
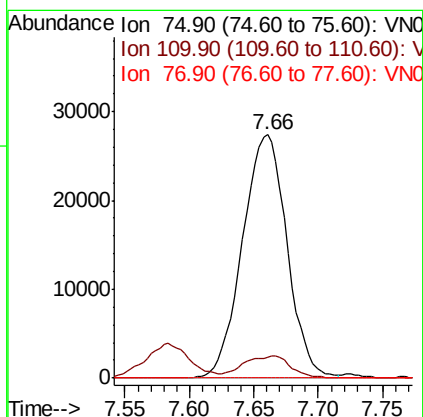
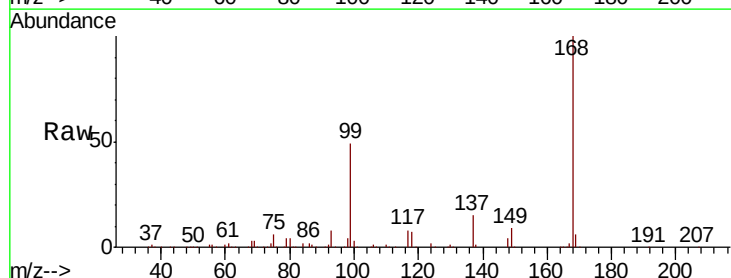
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

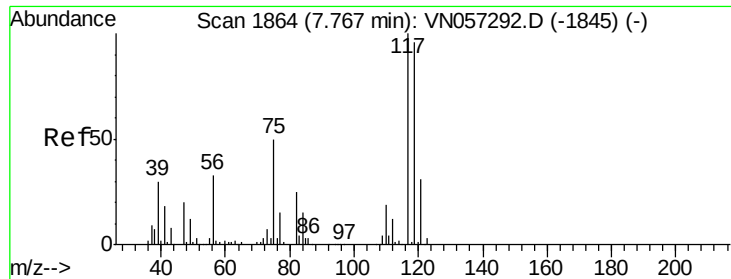
Tgt Ion: 113 Resp: 472673
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 23.5 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 4.759 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Tgt Ion: 75 Resp: 65817
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.5 58.5#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.591 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(3)

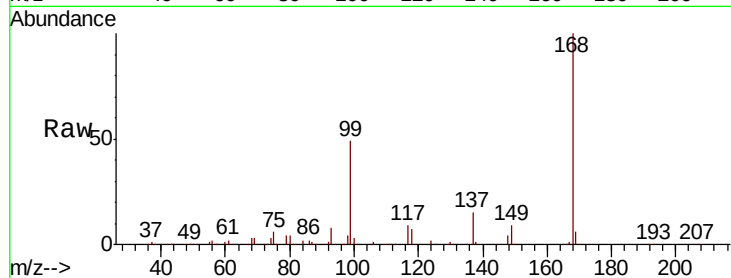
Tgt Ion:117 Resp: 94709

Ion Ratio Lower Upper

117 100

119 4.6 76.8 115.2#

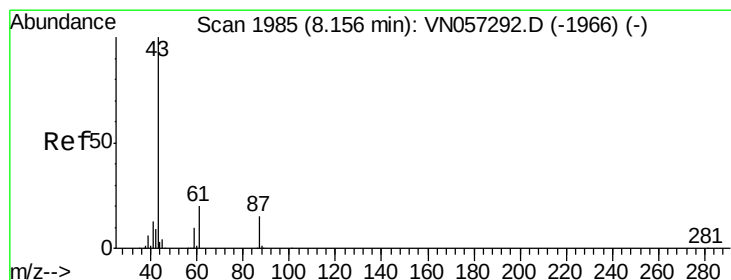
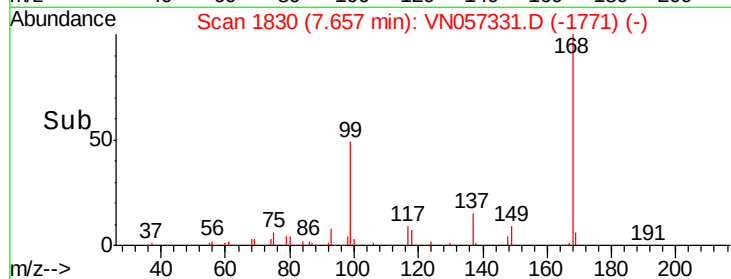
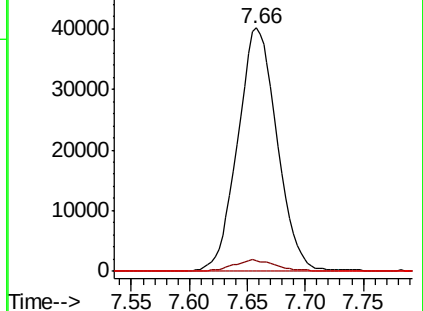
121 0.0 25.0 37.4#



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: 8.687 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

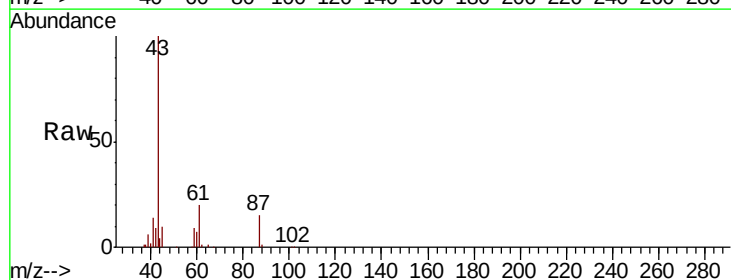
Tgt Ion: 43 Resp: 199277

Ion Ratio Lower Upper

43 100

61 18.9 21.6 32.4#

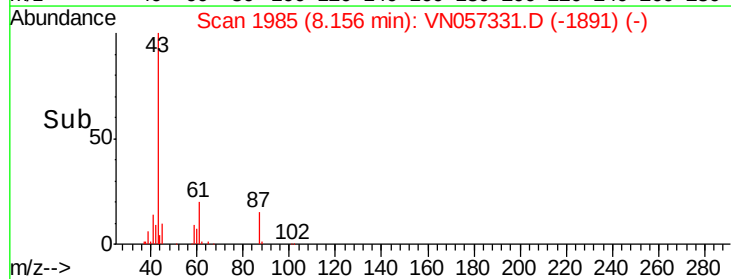
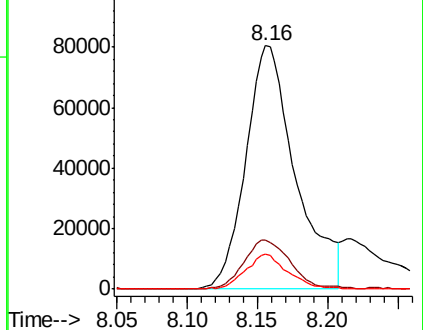
87 12.1 11.4 17.0

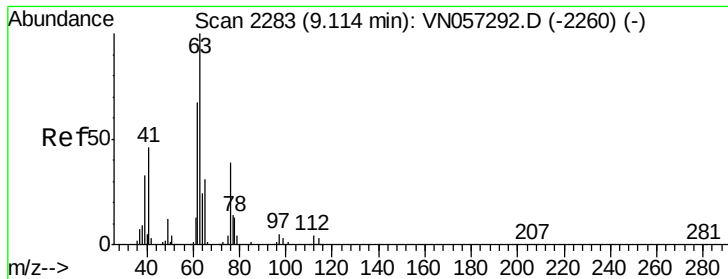


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

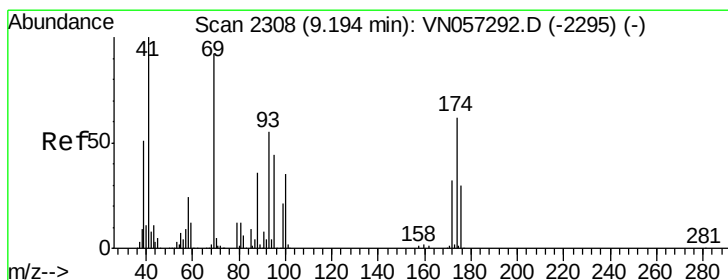
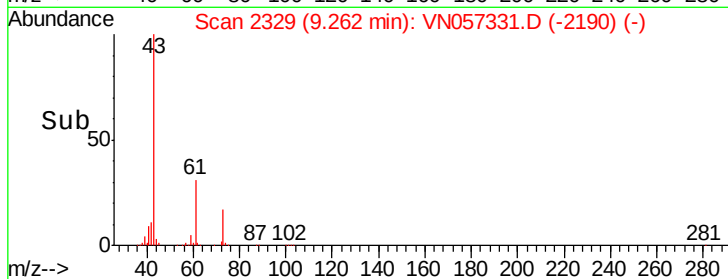
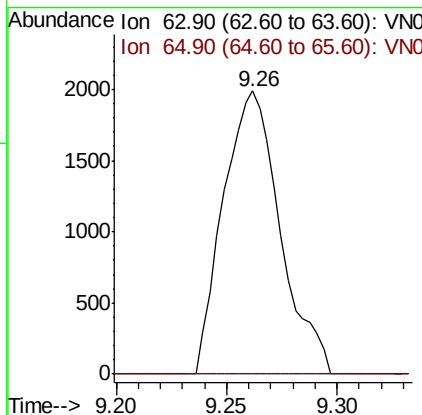
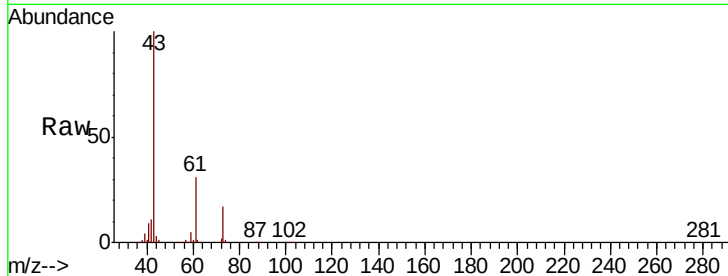




#45
 1,2-Dichloropropane
 Concen: 0.325 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

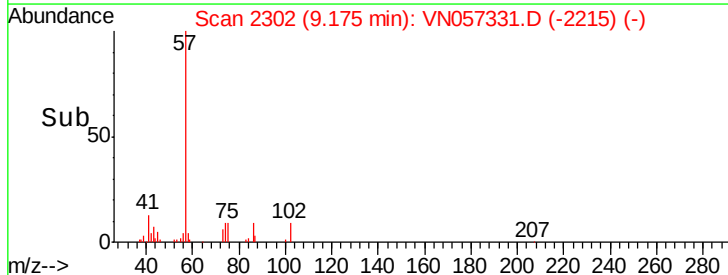
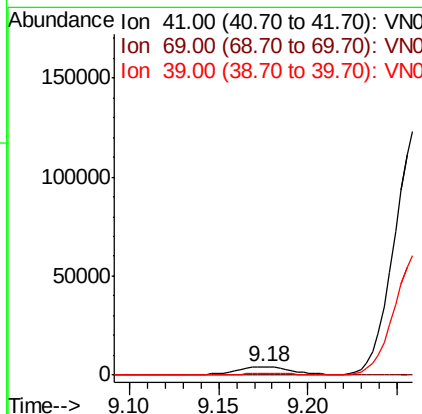
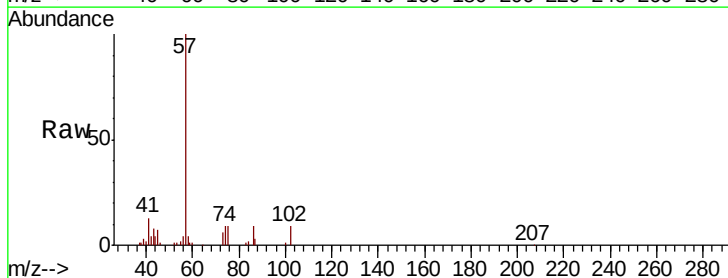
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

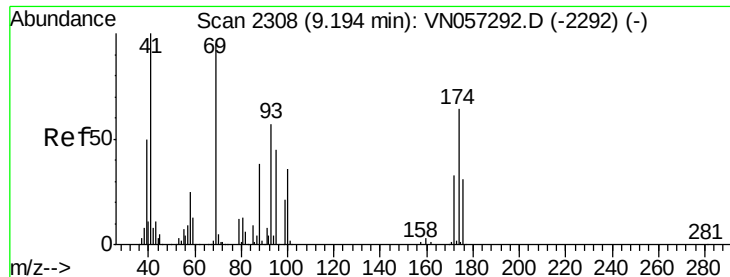
Tgt Ion: 63 Resp: 3547
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 1.014 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Tgt Ion: 41 Resp: 9457
 Ion Ratio Lower Upper
 41 100
 69 0.0 75.9 113.9#
 39 0.0 42.3 63.5#

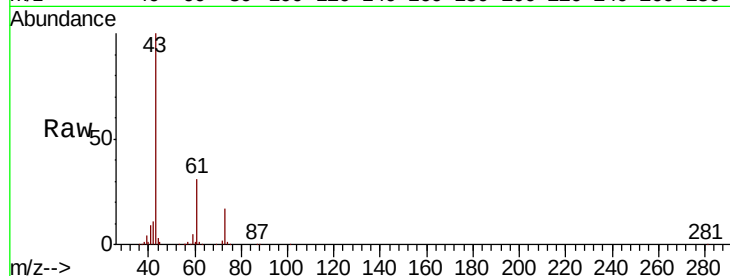




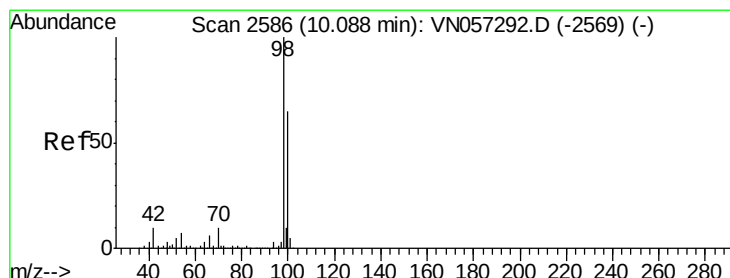
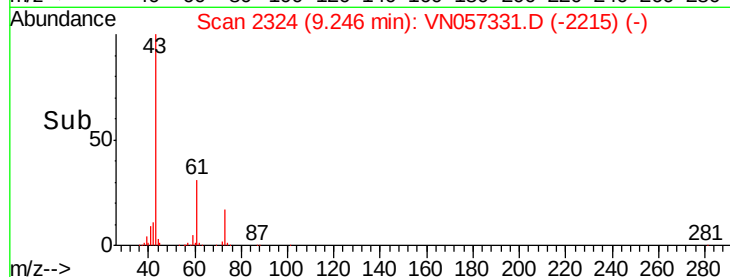
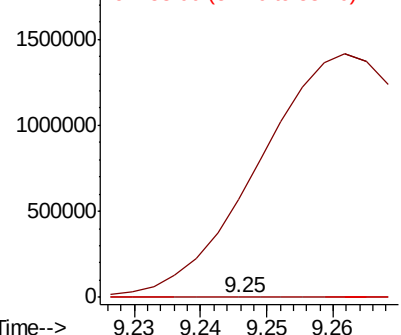
#49
1,4-Dioxane
Concen: 1.274 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.05 min
Lab File: VN057331.D
Acq: 15 Aug 2019 15:03

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(3)

Tgt Ion: 88 Resp: 250
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 0.0 52.7 79.1#

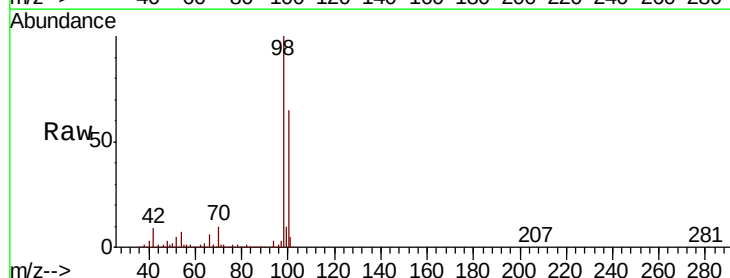


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

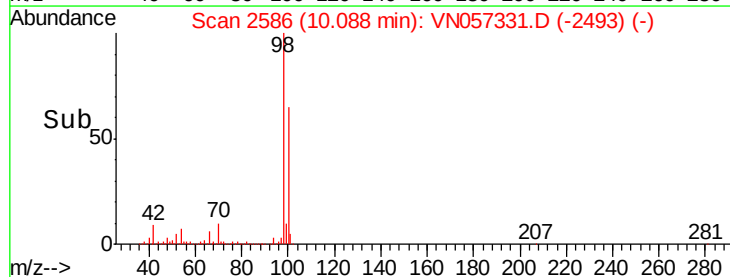
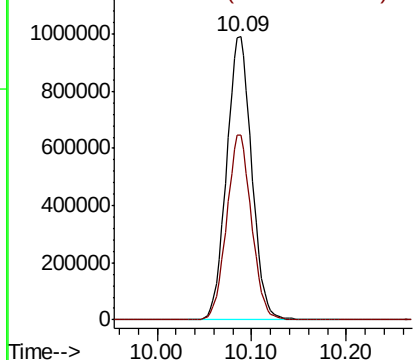


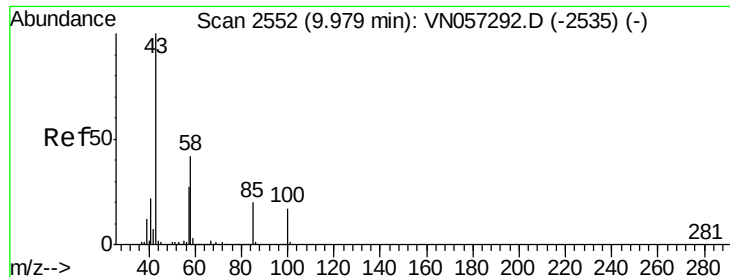
#50
Toluene-d8
Concen: 48.591 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057331.D
Acq: 15 Aug 2019 15:03

Tgt Ion: 98 Resp: 1824922
Ion Ratio Lower Upper
98 100
100 64.6 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: 0.869 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

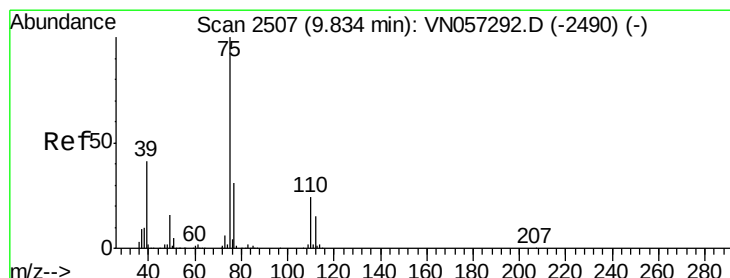
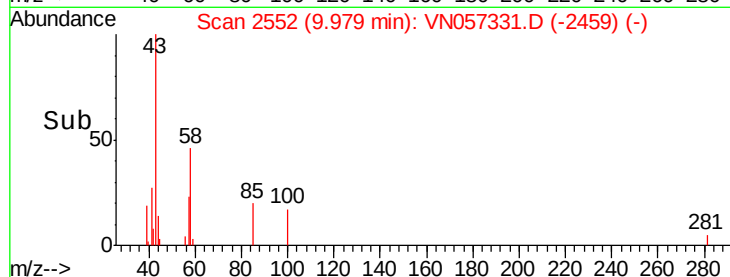
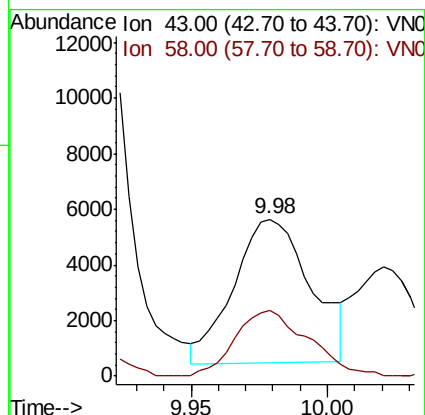
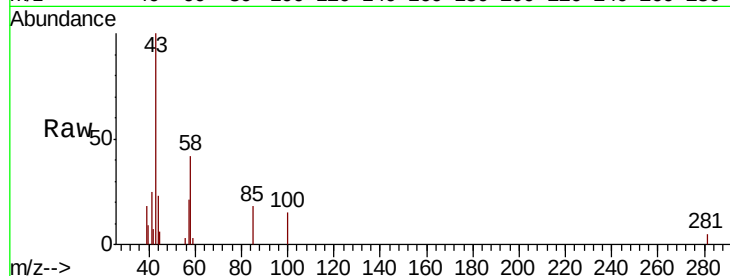
REACTOR-3-C3-(3)

Tgt Ion: 43 Resp: 10157

Ion Ratio Lower Upper

43 100

58 43.4 33.2 49.8



#54

cis-1,3-Dichloropropene

Concen: 4.998 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

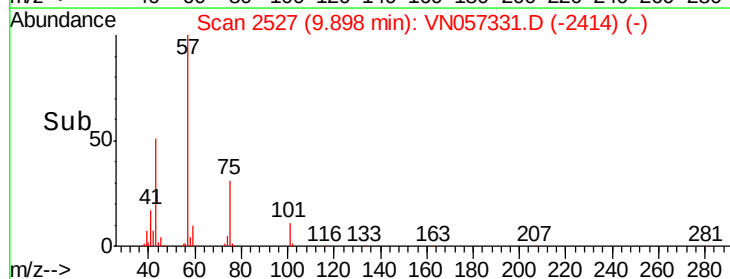
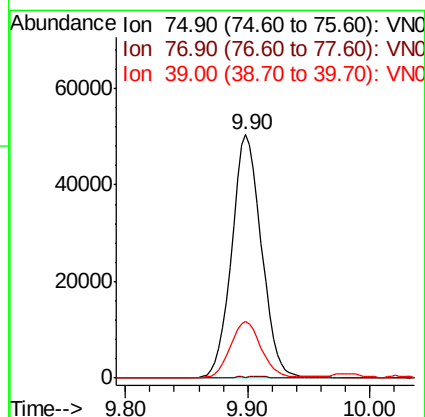
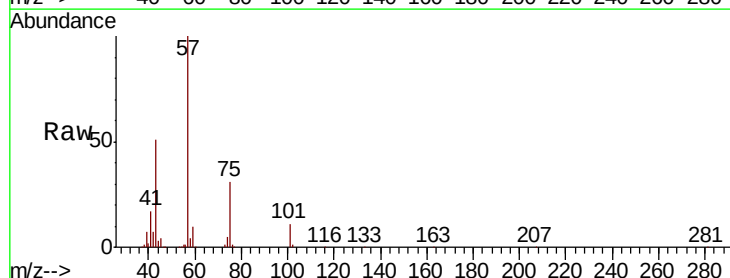
Tgt Ion: 75 Resp: 85923

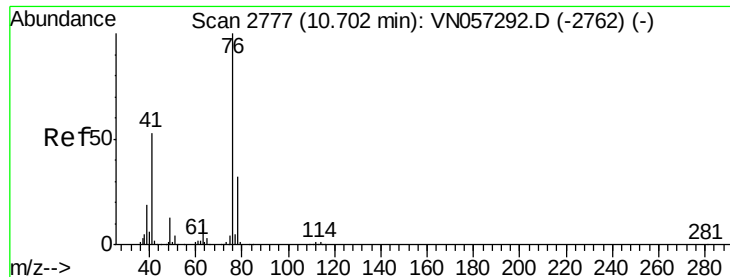
Ion Ratio Lower Upper

75 100

77 0.4 24.9 37.3#

39 23.2 32.7 49.1#

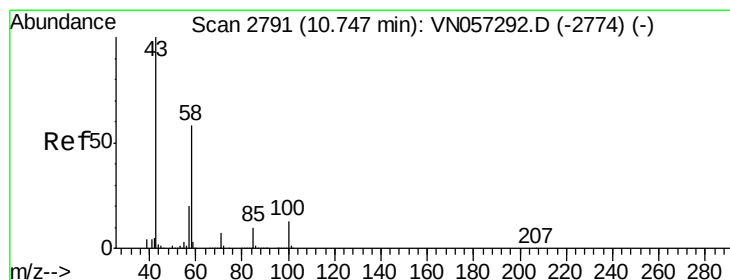
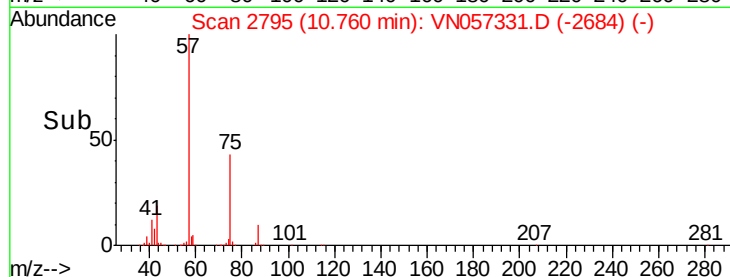
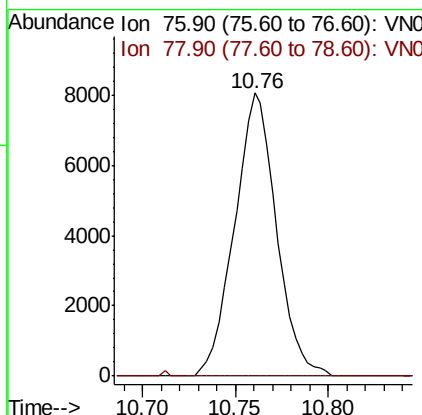
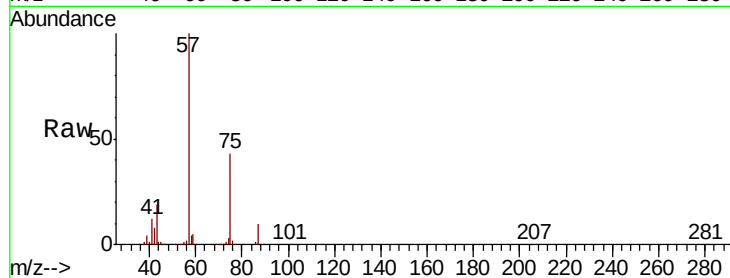




#57
 1,3-Dichloropropane
 Concen: 0.730 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

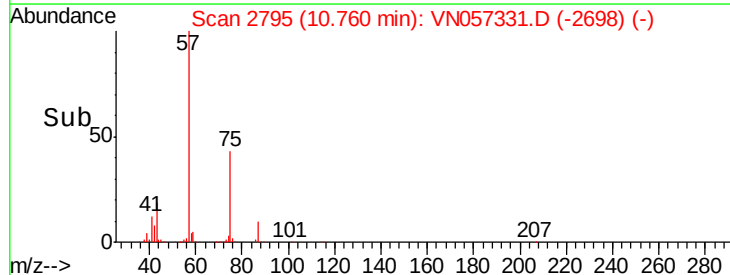
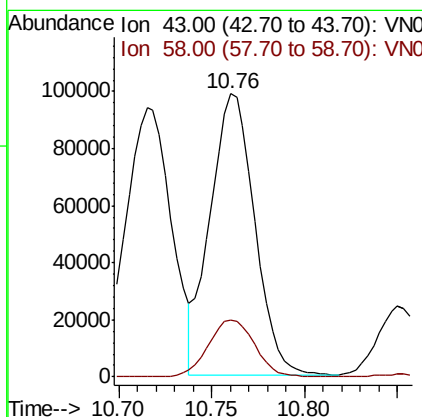
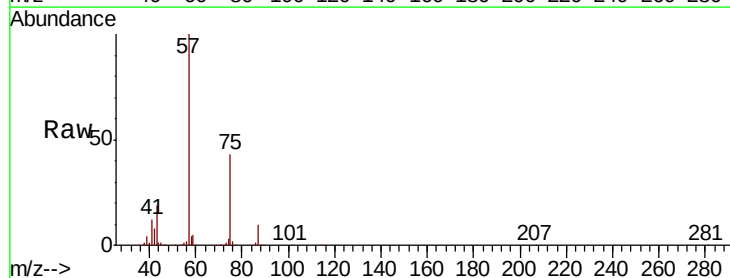
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

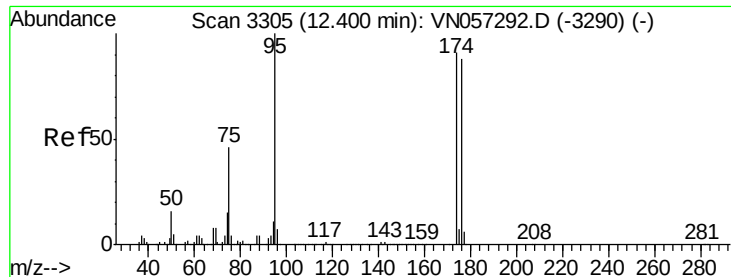
Tgt Ion: 76 Resp: 12631
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 19.581 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Tgt Ion: 43 Resp: 164510
 Ion Ratio Lower Upper
 43 100
 58 21.3 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 36.169 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(3)

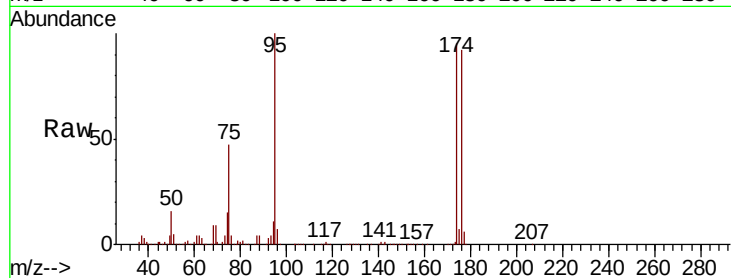
Tgt Ion: 95 Resp: 480040

Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.0

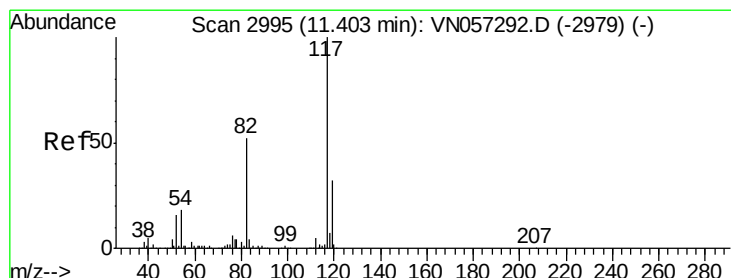
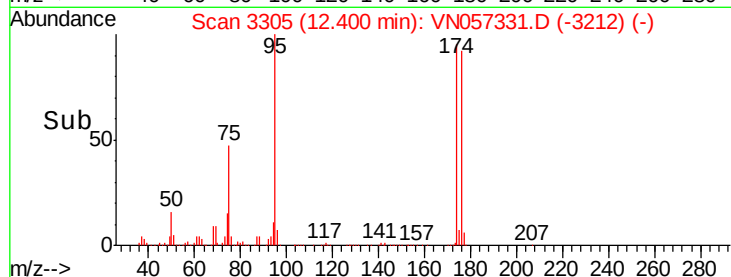
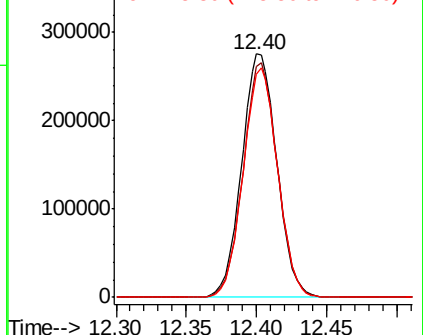
176 92.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

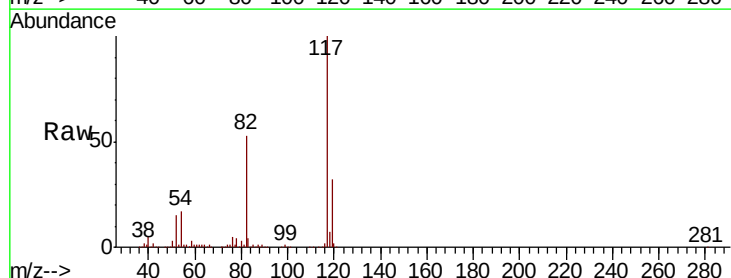
Tgt Ion: 117 Resp: 1306762

Ion Ratio Lower Upper

117 100

82 52.8 41.2 61.8

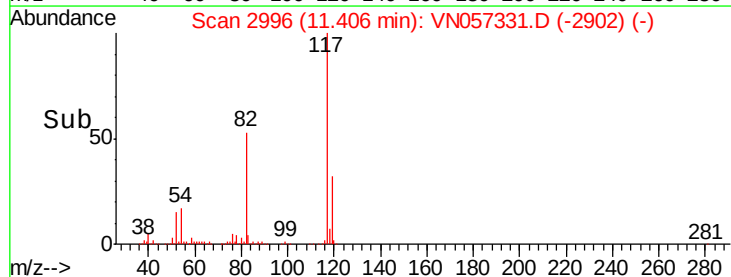
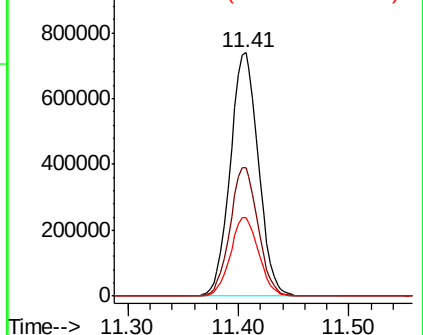
119 32.4 25.8 38.8

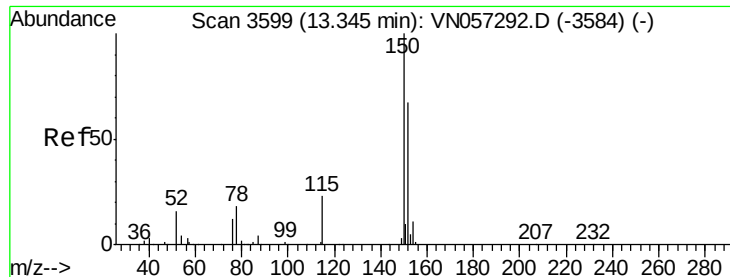


Abundance Ion 116.90 (116.60 to 117.60): VN057292.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057292.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057292.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(3)

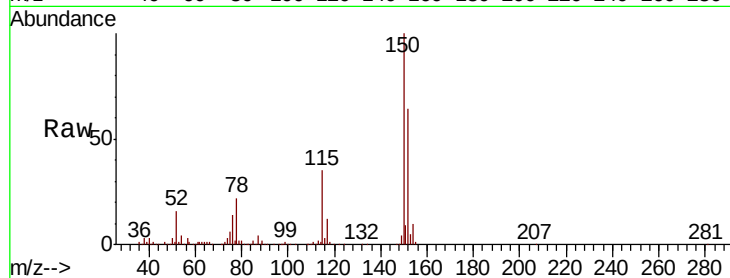
Tgt Ion:152 Resp: 332853

Ion Ratio Lower Upper

152 100

115 54.1 27.3 81.9

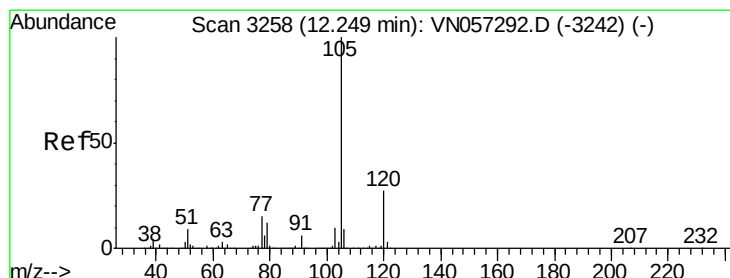
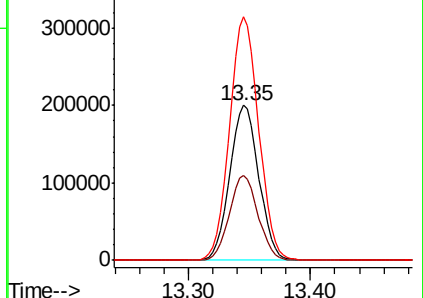
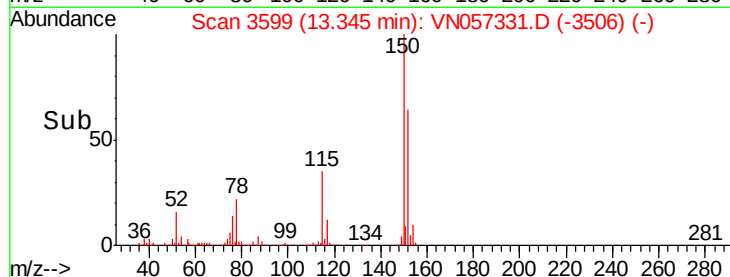
150 156.8 0.0 344.4



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: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN057331.D

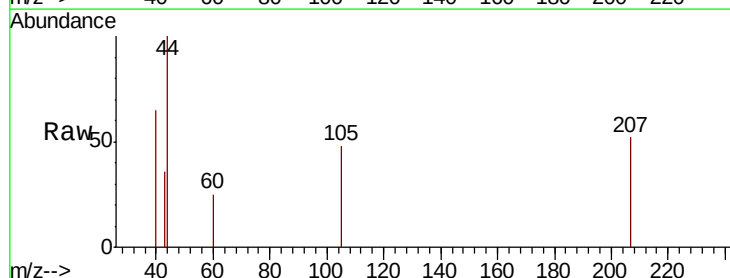
Acq: 15 Aug 2019 15:03

Tgt Ion:105 Resp: 440

Ion Ratio Lower Upper

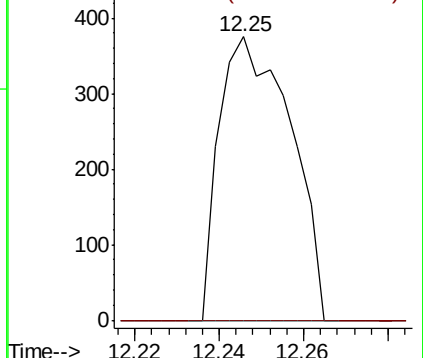
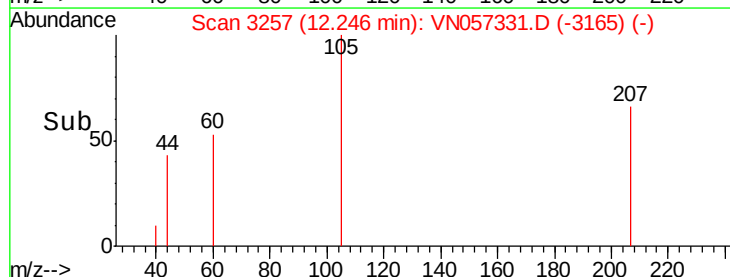
105 100

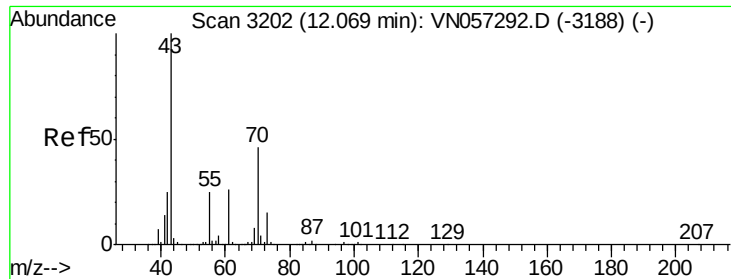
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.558 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(3)

Tgt Ion: 43 Resp: 5391

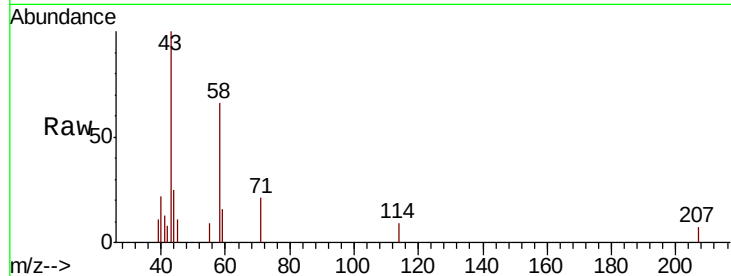
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 4.2 20.1 30.1#

61 0.0 20.9 31.3#

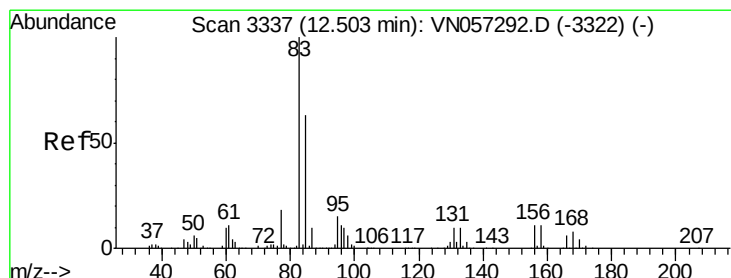
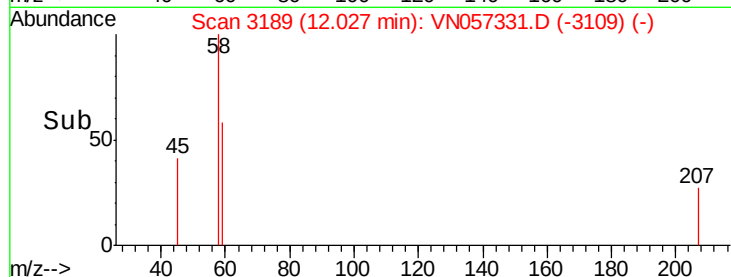
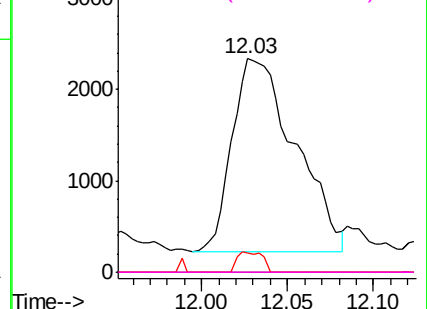


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: VN057331.D

Acq: 15 Aug 2019 15:03

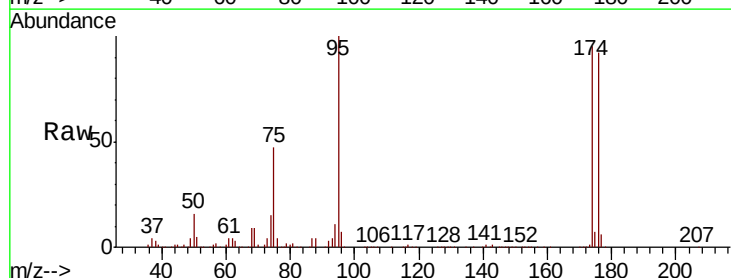
Tgt Ion: 83 Resp: 178

Ion Ratio Lower Upper

83 100

131 386.5 5.4 16.2#

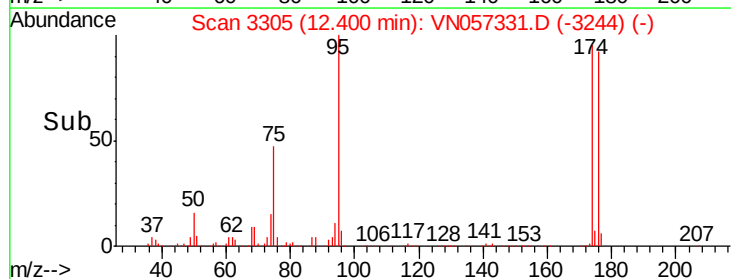
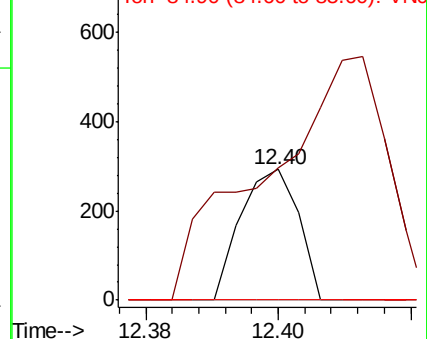
85 0.0 32.3 96.9#

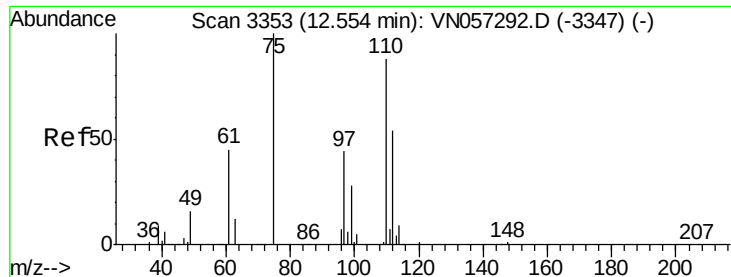


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.112 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057331.D

Acq: 15 Aug 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

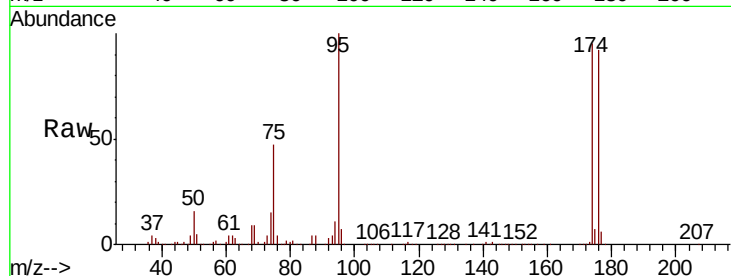
REACTOR-3-C3-(3)

Tgt Ion: 75 Resp: 221144

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057292.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN057292.D (-3347) (-)

12.40

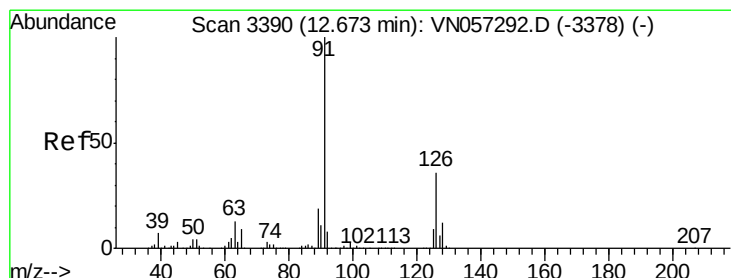
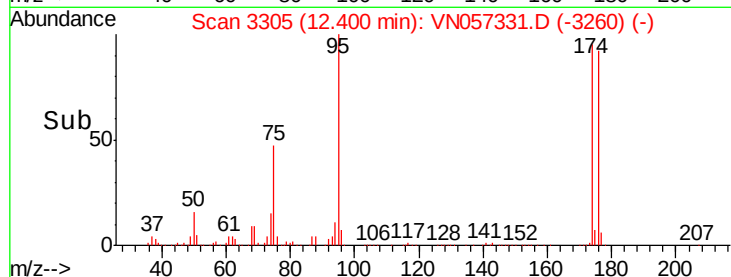
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN057331.D

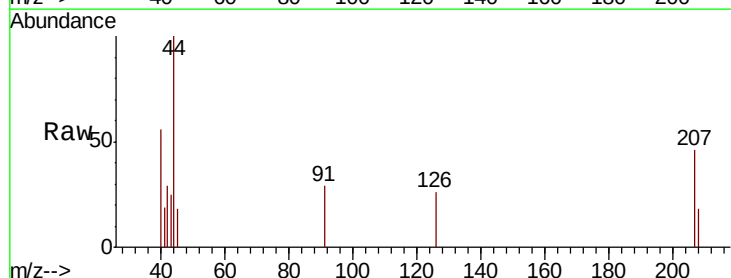
Acq: 15 Aug 2019 15:03

Tgt Ion: 91 Resp: 240

Ion Ratio Lower Upper

91 100

126 65.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN057292.D (-3378) (-)

12.67

300

250

200

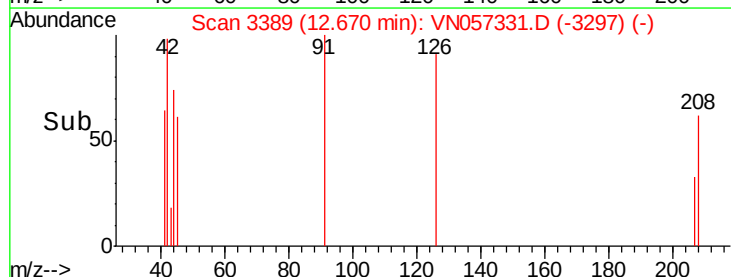
150

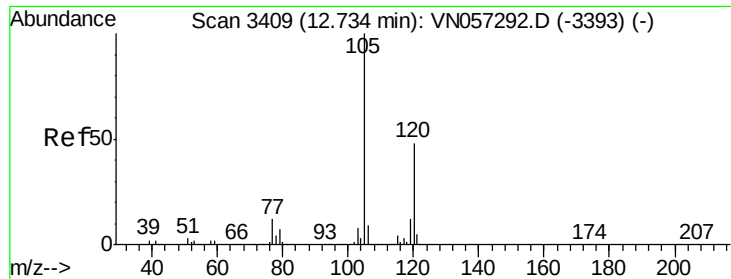
100

50

0

Time-->

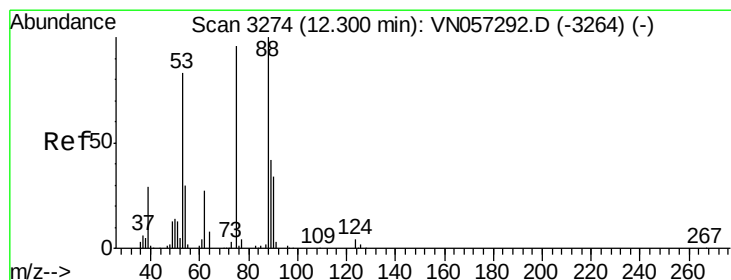
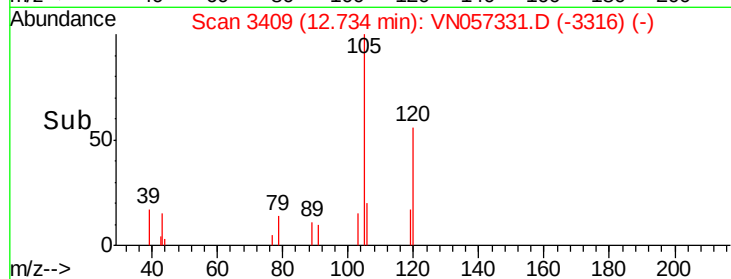
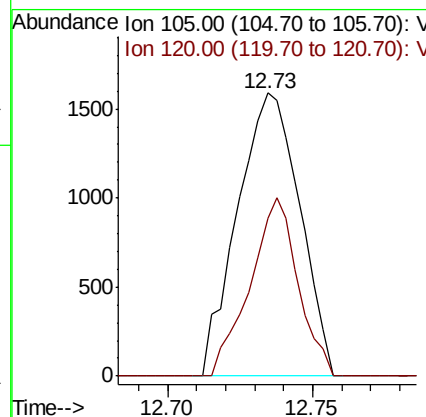
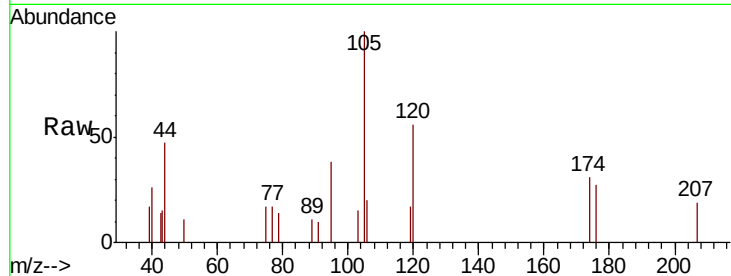




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

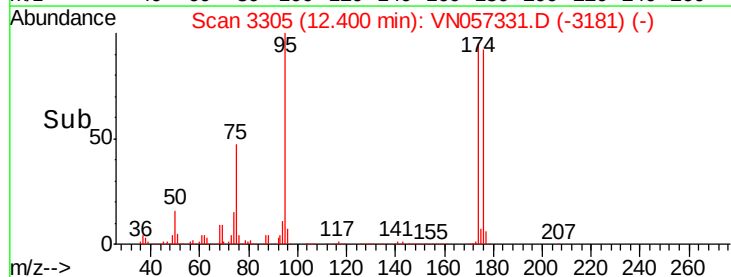
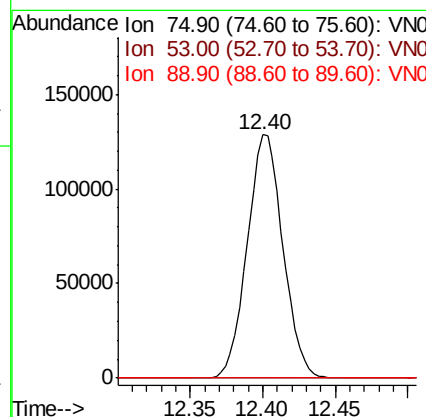
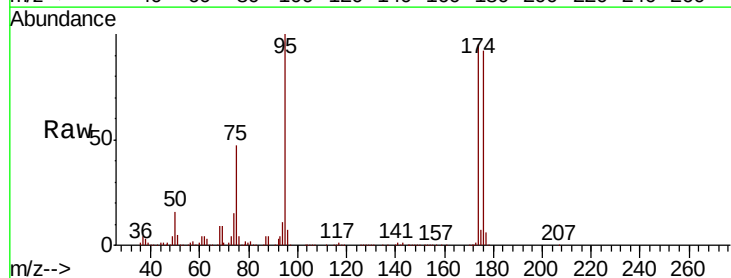
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

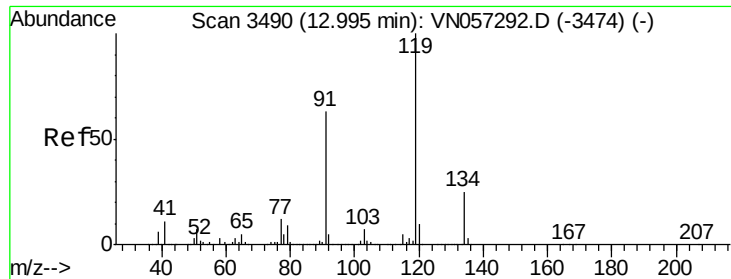
Tgt Ion: 105 Resp: 2364
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.014 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Tgt Ion: 75 Resp: 221144
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

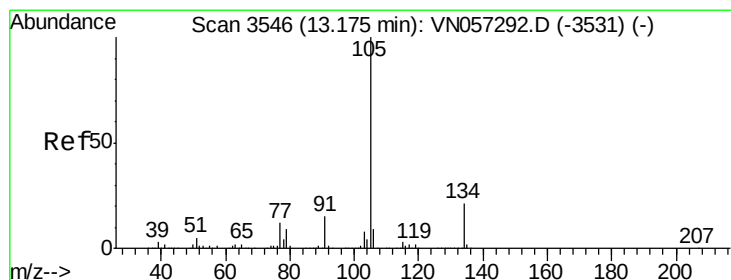
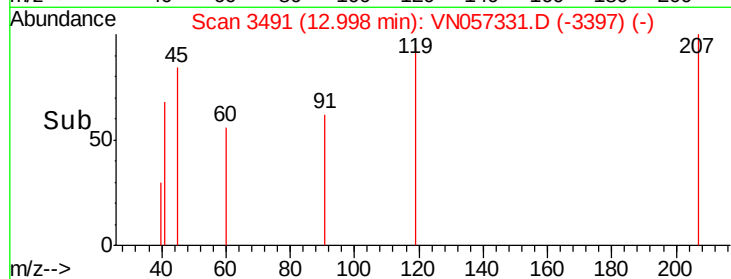
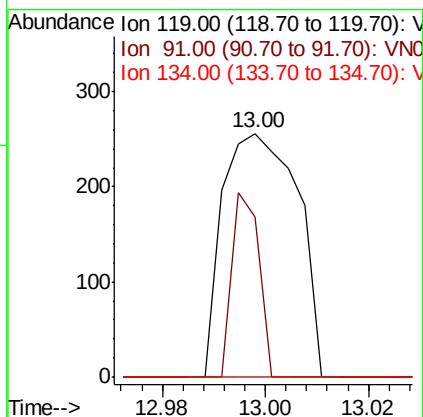
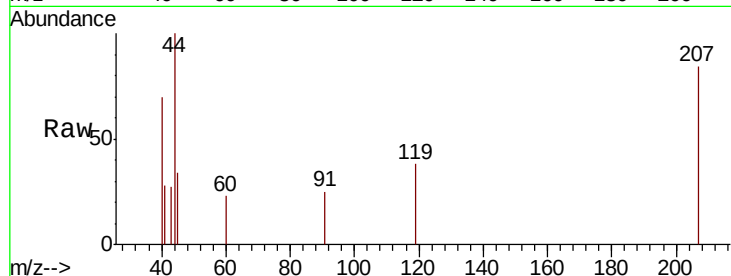




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

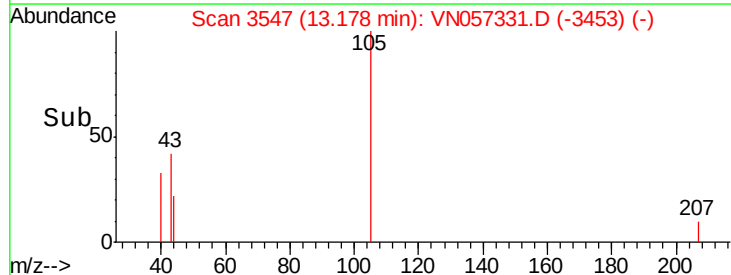
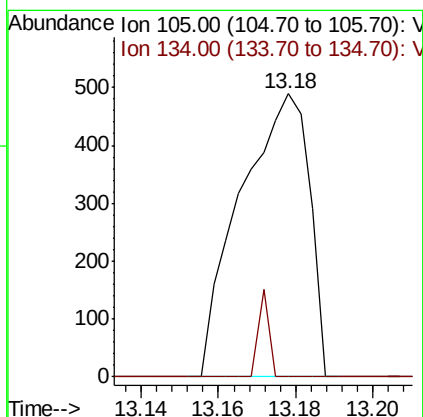
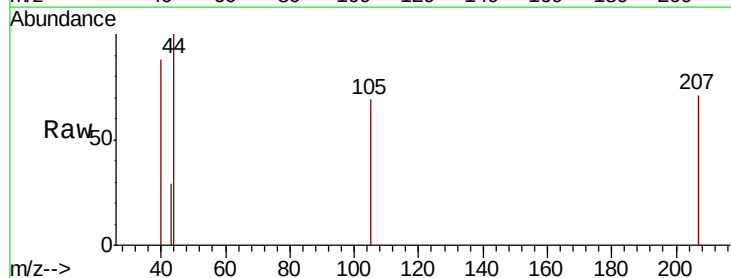
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

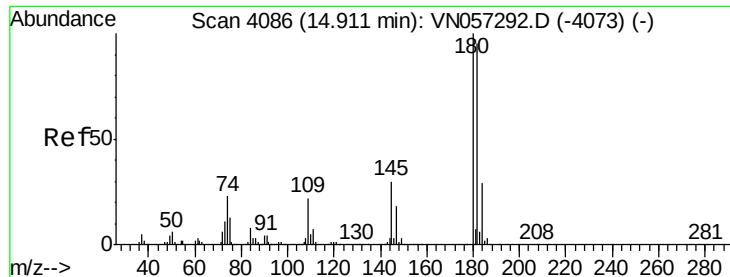
Tgt Ion:119 Resp: 257
 Ion Ratio Lower Upper
 119 100
 91 27.2 31.3 93.8#
 134 0.0 13.1 39.1#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Tgt Ion:105 Resp: 605
 Ion Ratio Lower Upper
 105 100
 134 4.8 10.4 31.2#

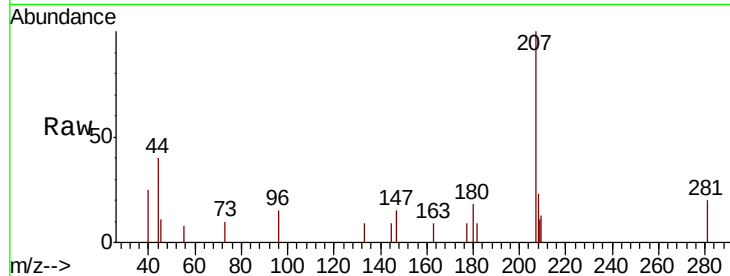




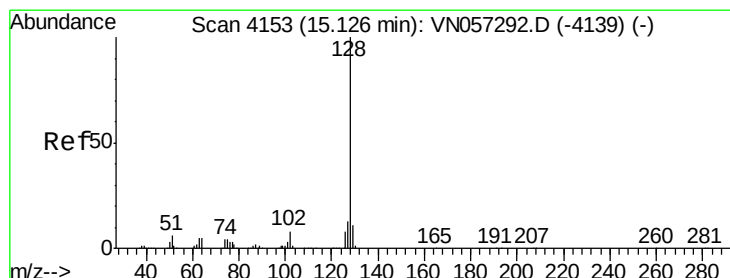
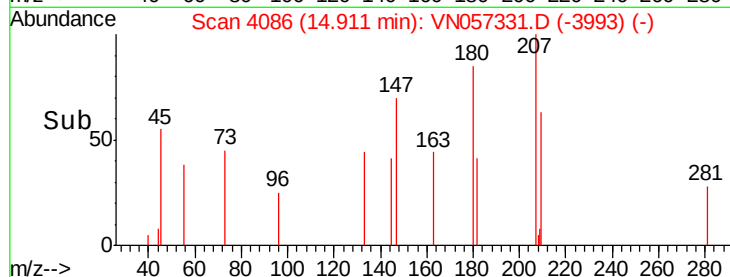
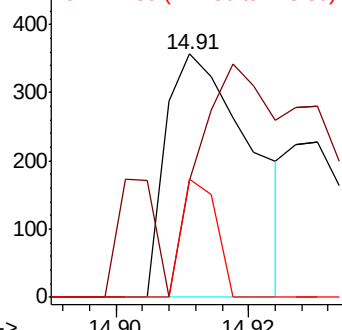
#93
 1,2,4-Trichlorobenzene
 Concen: 5.421 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

Tgt Ion:180 Resp: 317
 Ion Ratio Lower Upper
 180 100
 182 128.7 48.0 144.2
 145 19.6 14.5 43.6

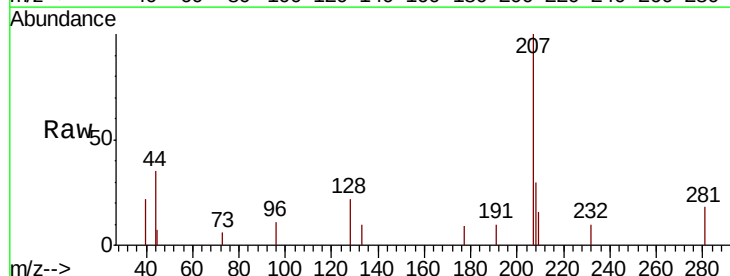


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

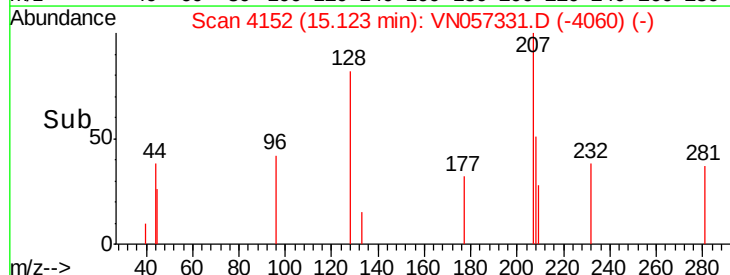
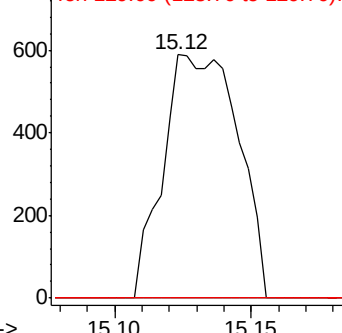


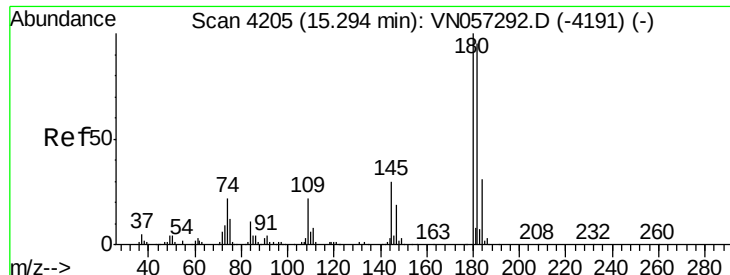
#95
 Naphthalene
 Concen: Below Cal
 RT: 15.12 min Scan# 4152
 Delta R.T. -0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Tgt Ion:128 Resp: 1125
 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





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.29 min Scan# 4205
 Delta R.T. 0.00 min
 Lab File: VN057331.D
 Acq: 15 Aug 2019 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(3)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.0	47.9	143.6
145	26.4	15.1	45.3

