

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057378.D
 Acq On : 17 Aug 2019 1:15
 Operator : JC/SP
 Sample : K3616-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-B

Quant Time: Aug 17 03:49:41 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	1067002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1495670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1256639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	348018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	504037	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	
35) Dibromofluoromethane	7.58	113	454809	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	10.09	98	1740850	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	476583	37.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.22%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.74	59	5027	3.048	ug/l #	73
16) Acetone	3.81	43	13998	3.479	ug/l	93
18) Methyl Acetate	4.31	43	30567	0.445	ug/l	100
20) Methylene Chloride	4.54	84	49970	4.438	ug/l	96
29) Tetrahydrofuran	7.21	42	797	0.216	ug/l #	33
30) Chloroform	7.36	83	14169	0.741	ug/l	88
31) Cyclohexane	7.65	56	14625	0.925	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	63176	4.784	ug/l #	48
38) Carbon Tetrachloride	7.66	117	89557	6.527	ug/l #	16
43) Isopropyl Acetate	8.16	43	329663	15.897	ug/l #	73
45) 1,2-Dichloropropane	9.26	63	3456	0.332	ug/l #	44
47) Bromodichloromethane	9.40	83	3499	0.254	ug/l #	64
48) Methyl methacrylate	9.18	41	7155	0.803	ug/l #	11
49) 1,4-Dioxane	9.26	88	355	1.895	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	9020	0.808	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	73031	4.449	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	11135	0.674	ug/l #	43
59) 2-Hexanone	10.76	43	148671	18.533	ug/l #	50
71) Bromoform	12.40	173	2396	0.309	ug/l #	1
73) Isopropylbenzene	12.26	105	583	Below Cal		81
74) N-amyl acetate	12.03	43	6074	0.601	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.39	83	60	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	217468	31.028	ug/l #	100
77) Bromobenzene	12.39	156	63	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	560	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	11702	Below Cal		96
81) trans-1,4-Dichloro-2-buten	12.40	75	217468	76.196	ug/l #	15
83) tert-Butylbenzene	13.00	119	192	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	6744	0.269	ug/l	97
85) sec-Butylbenzene	13.17	105	988	Below Cal	#	70
90) Hexachloroethane	13.90	117	112	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	348	5.424	ug/l #	35
95) Naphthalene	15.13	128	23579	2.023	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.29	180	214	Below Cal	#	61

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QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

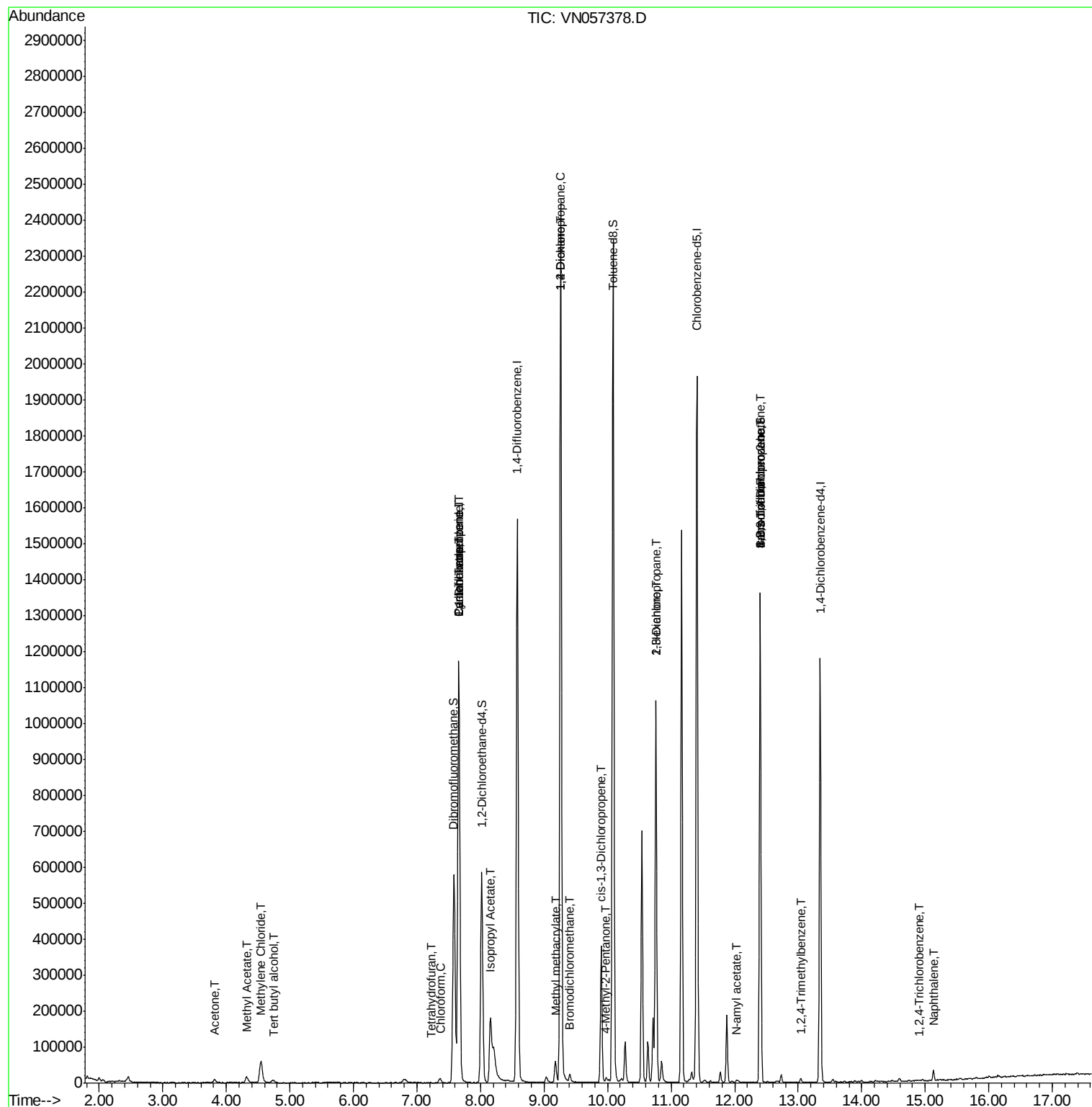
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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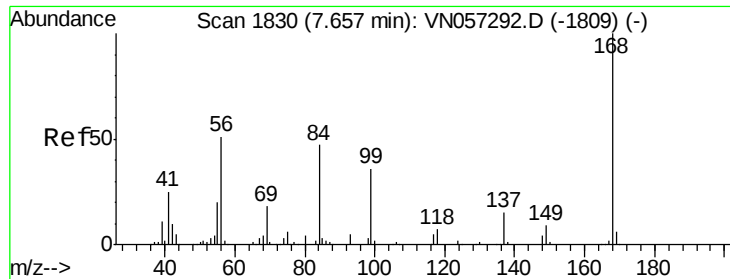
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
Data File : VN057378.D
Acq On : 17 Aug 2019 1:15
Operator : JC/SP
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

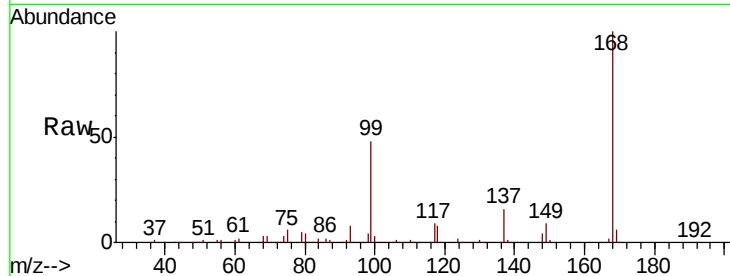
JC-03-081519-B

Tgt Ion:168 Resp: 1067002

Ion Ratio Lower Upper

168 100

99 48.5 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

400000

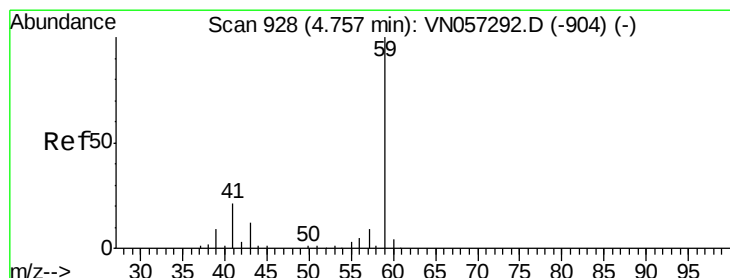
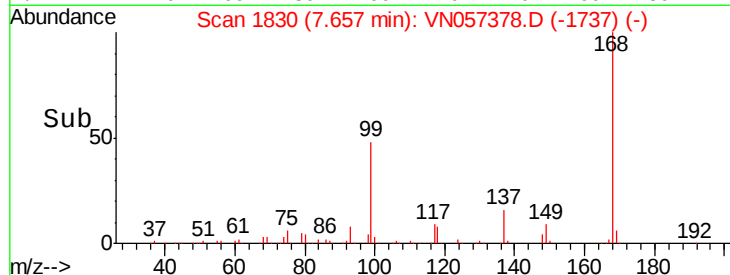
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 3.048 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.02 min

Lab File: VN057378.D

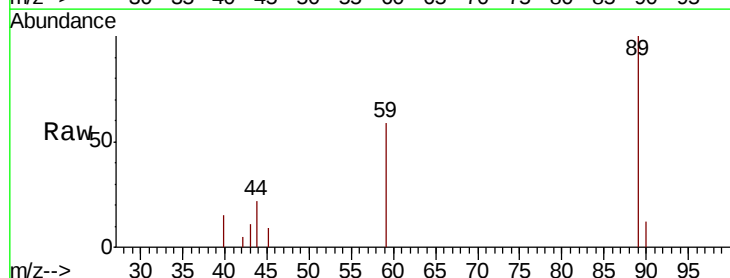
Acq: 17 Aug 2019 1:15

Tgt Ion: 59 Resp: 5027

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.74

2000

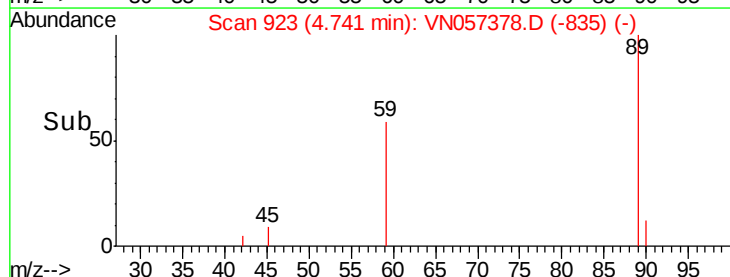
1500

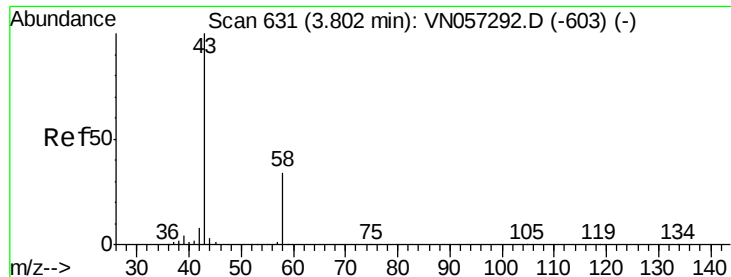
1000

500

0

Time--> 4.65 4.70 4.75 4.80





#16

Acetone

Concen: 3.479 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

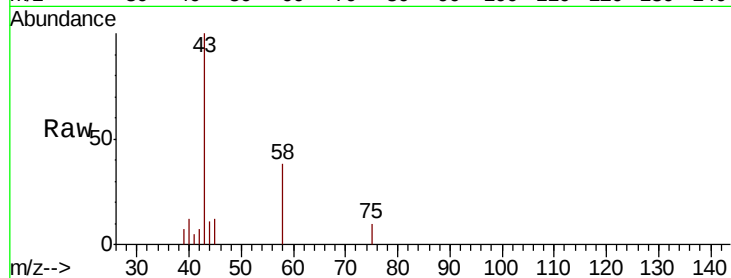
JC-03-081519-B

Tgt Ion: 43 Resp: 13998

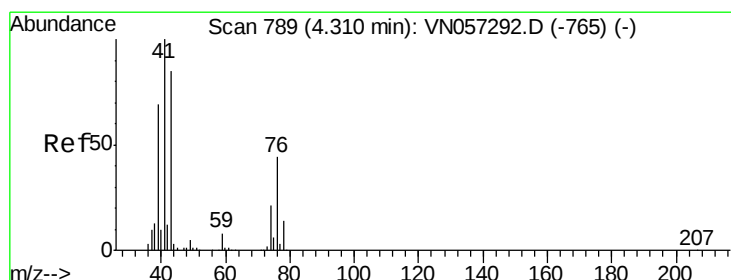
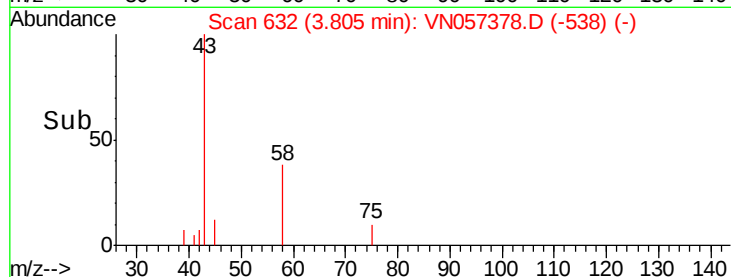
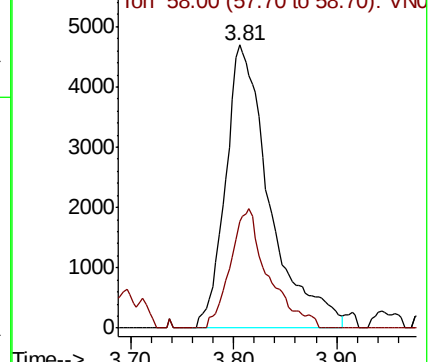
Ion Ratio Lower Upper

43 100

58 37.8 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-603) (-)



#18

Methyl Acetate

Concen: 0.445 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057378.D

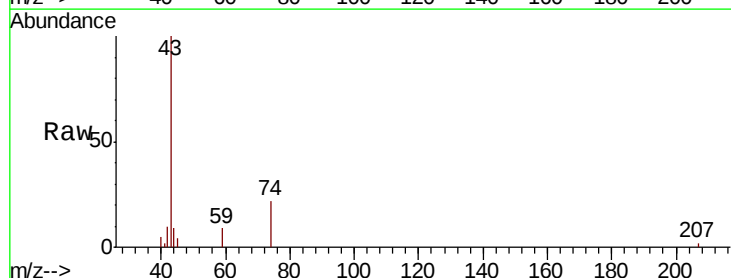
Acq: 17 Aug 2019 1:15

Tgt Ion: 43 Resp: 30567

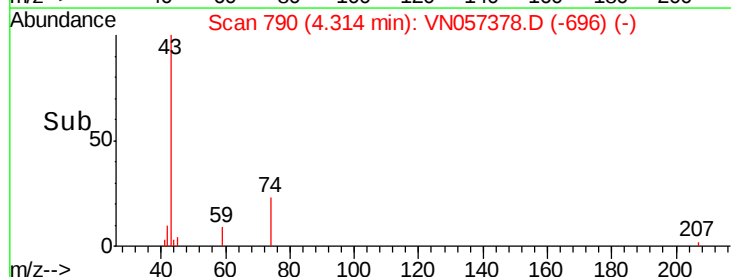
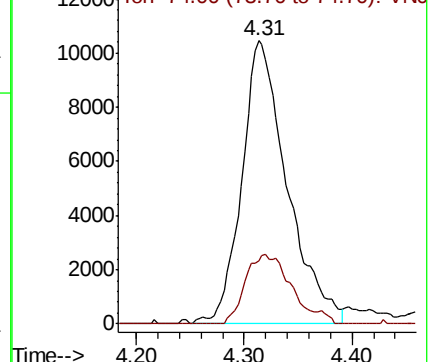
Ion Ratio Lower Upper

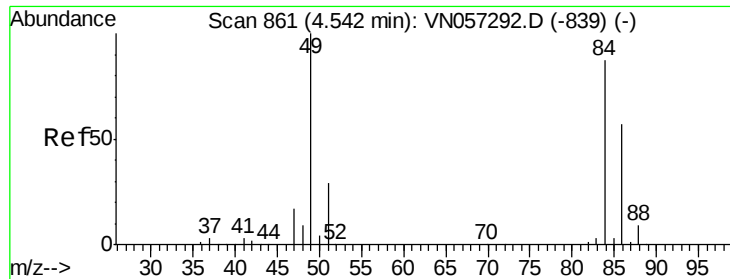
43 100

74 25.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-765) (-)

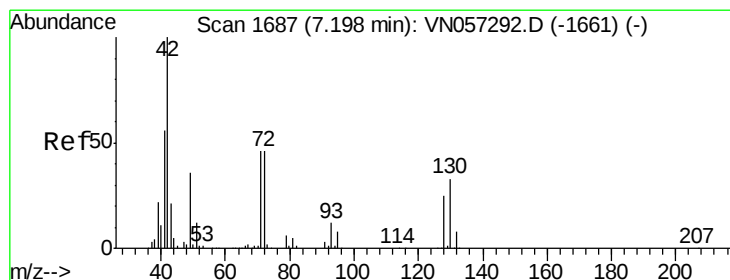
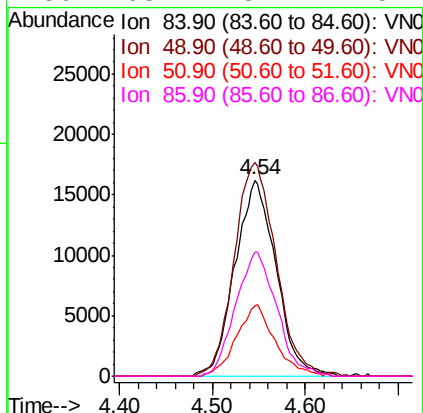
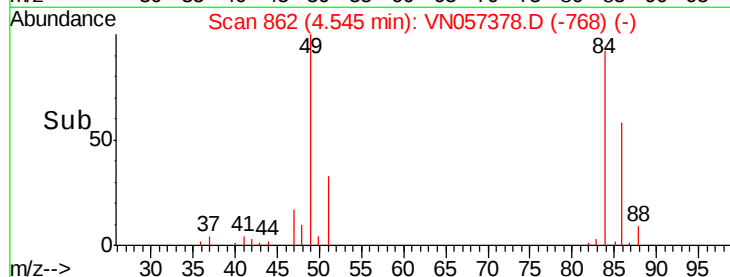
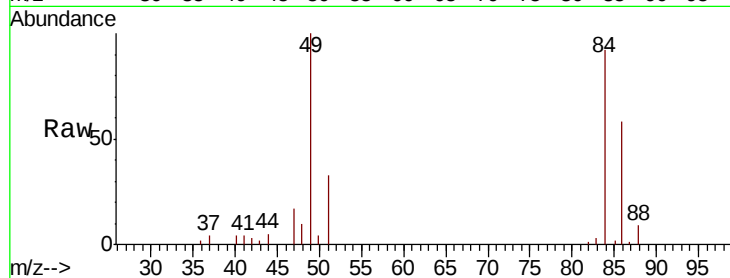




#20
Methylene Chloride
Concen: 4.438 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

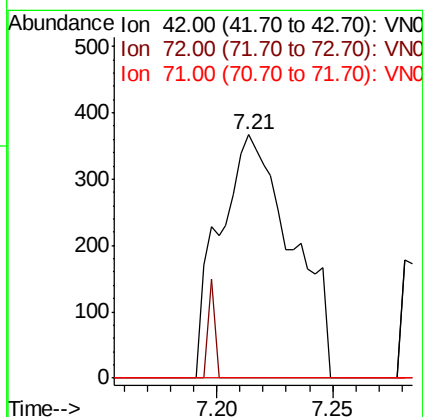
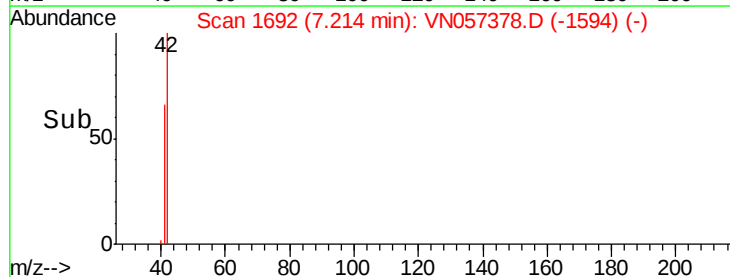
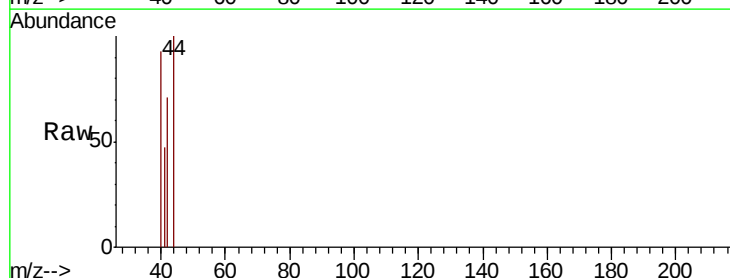
Instrument :
MSVOA_N
ClientSampled :
JC-03-081519-B

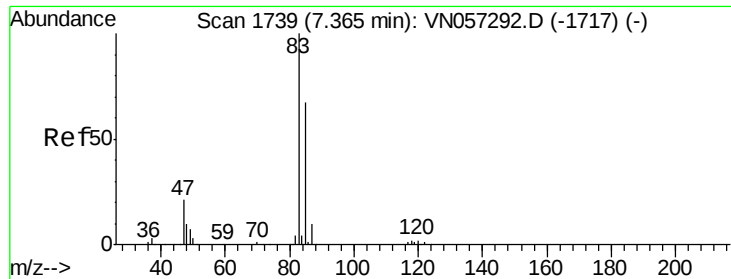
Tgt Ion:	84	Resp:	49970
Ion	Ratio	Lower	Upper
84	100		
49	109.1	92.0	138.0
51	36.1	27.1	40.7
86	63.1	52.2	78.2



#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Tgt Ion:	42	Resp:	797
Ion	Ratio	Lower	Upper
42	100		
72	3.6	37.8	56.6#
71	0.0	35.7	53.5#

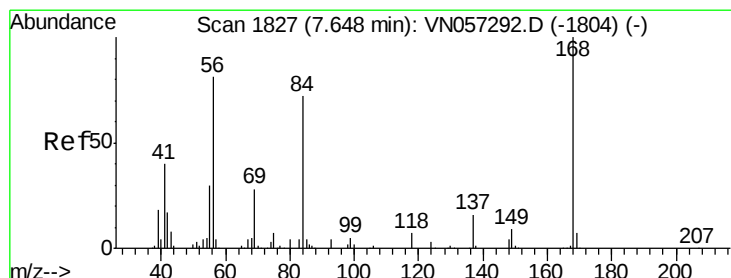
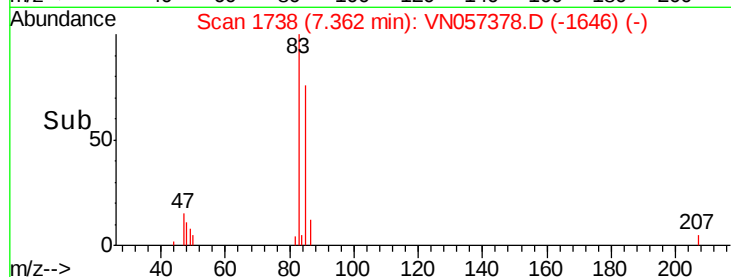
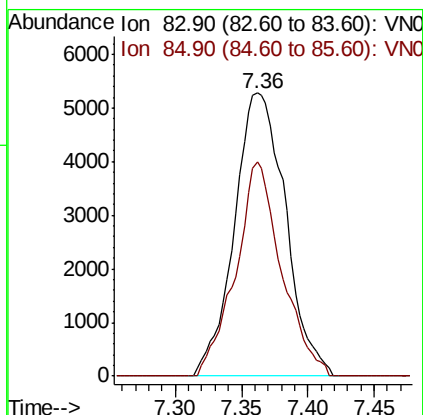
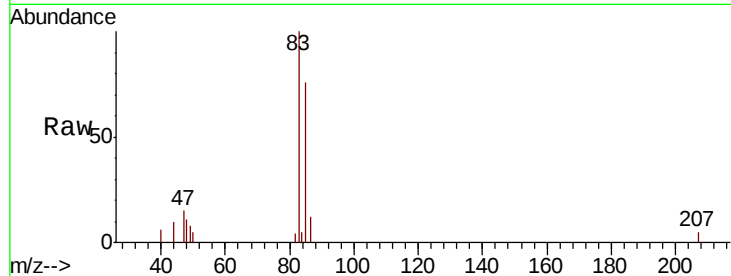




#30
Chloroform
Concen: 0.741 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

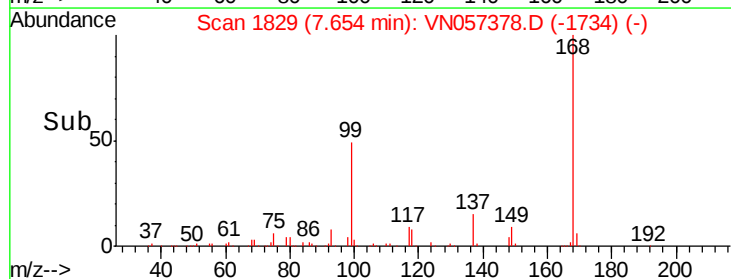
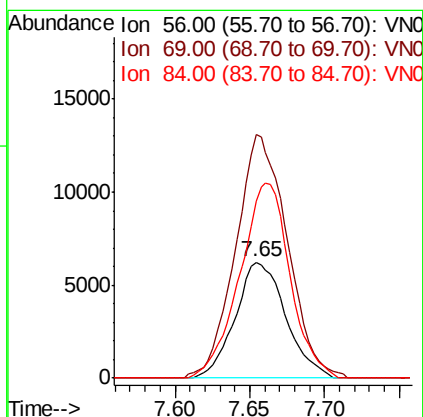
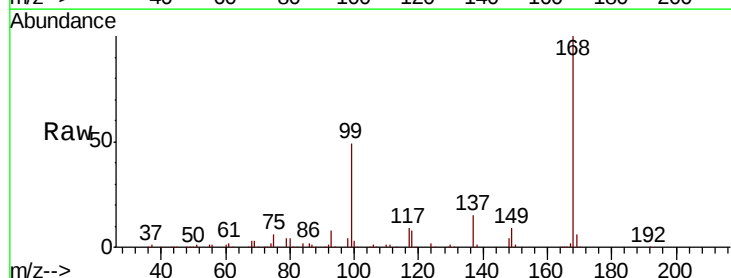
Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-B

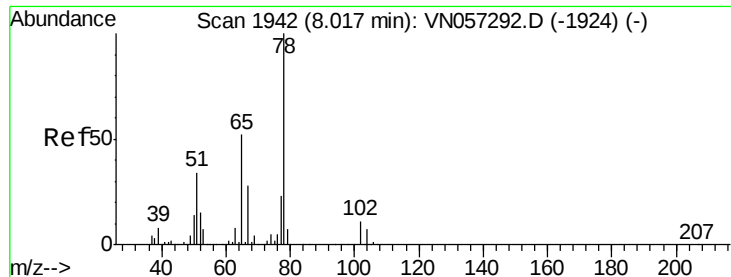
Tgt Ion: 83 Resp: 14169
Ion Ratio Lower Upper
83 100
85 75.9 53.3 79.9



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Tgt Ion: 56 Resp: 14625
Ion Ratio Lower Upper
56 100
69 207.0 27.3 40.9#
84 153.0 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.453 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

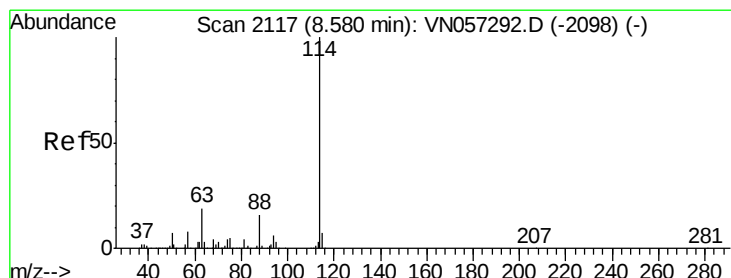
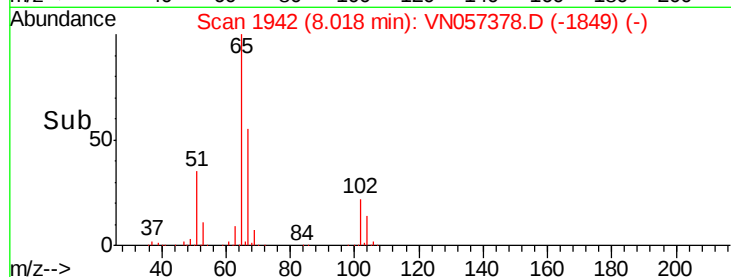
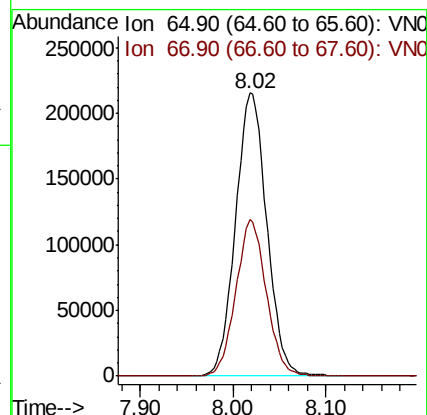
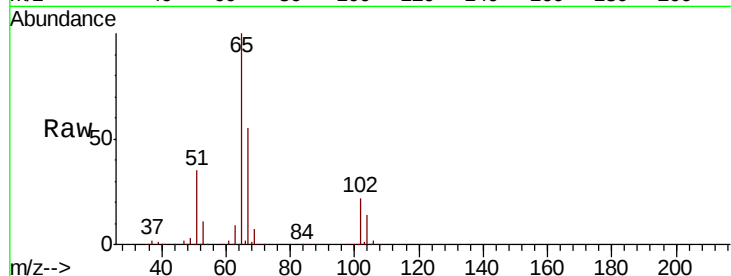
JC-03-081519-B

Tgt Ion: 65 Resp: 504037

Ion Ratio Lower Upper

65 100

67 53.7 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: VN057378.D

Acq: 17 Aug 2019 1:15

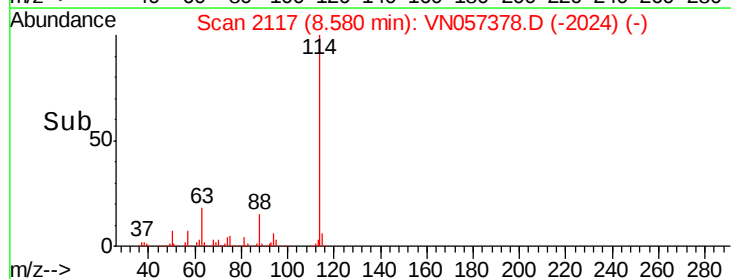
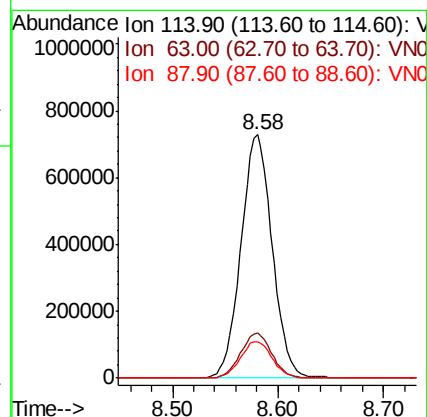
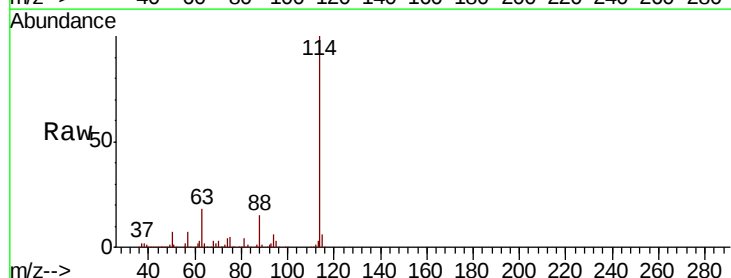
Tgt Ion: 114 Resp: 1495670

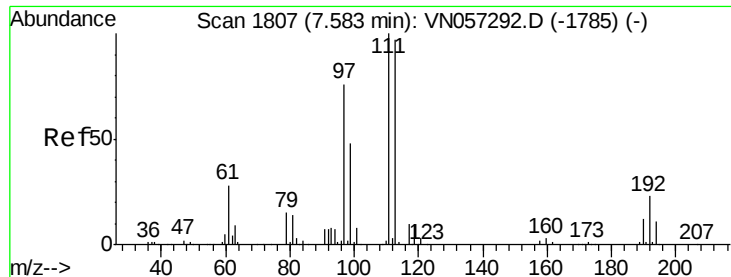
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.8

88 15.1 0.0 31.4

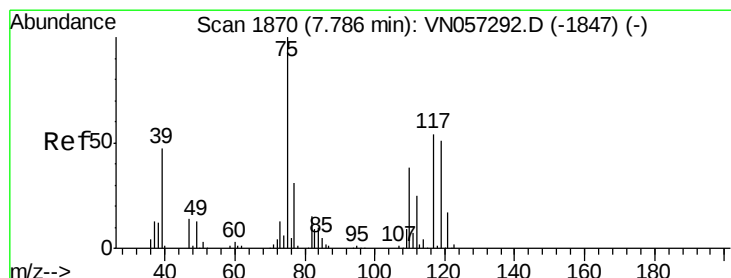
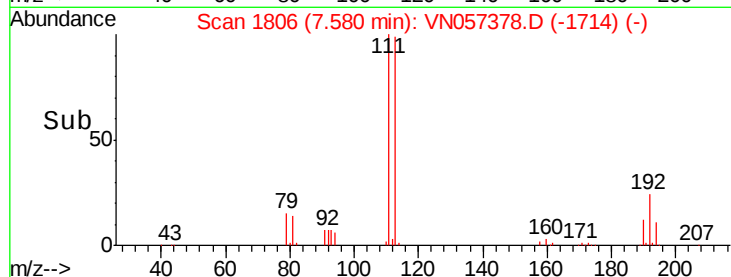
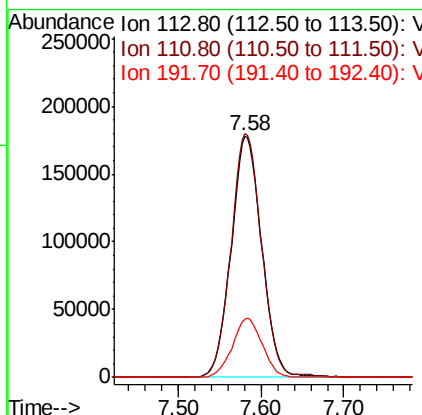
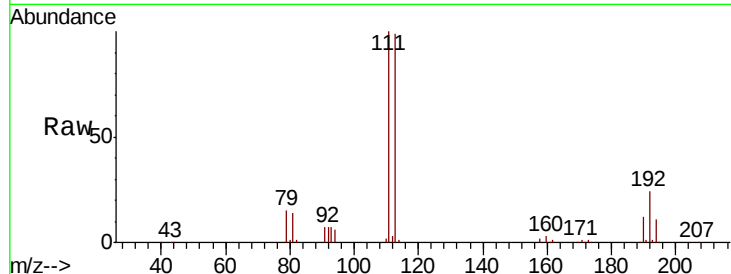




#35
 Dibromofluoromethane
 Concen: 46.388 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

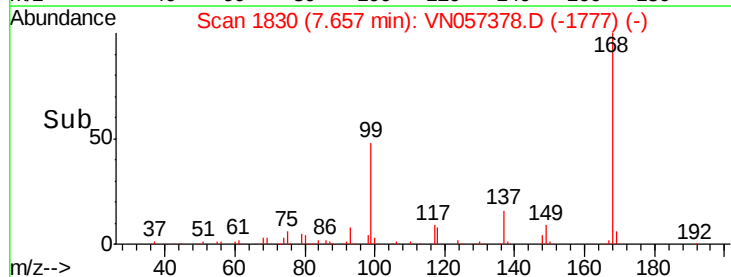
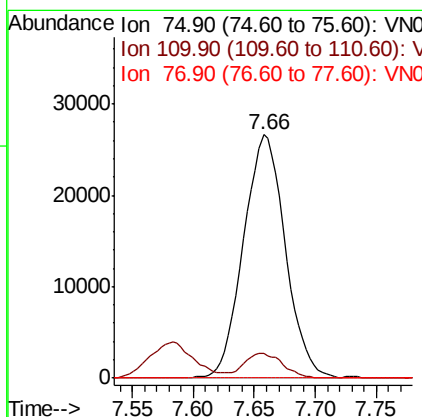
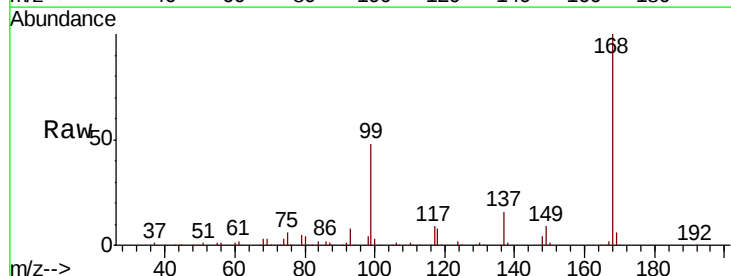
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-B

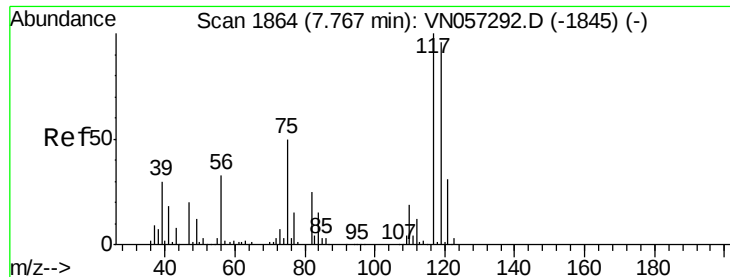
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.1	123.1
192	23.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.784 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.5	58.5#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.527 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-B

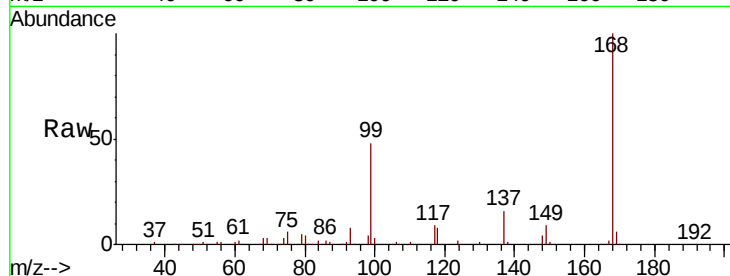
Tgt Ion: 117 Resp: 89557

Ion Ratio Lower Upper

117 100

119 5.4 76.8 115.2#

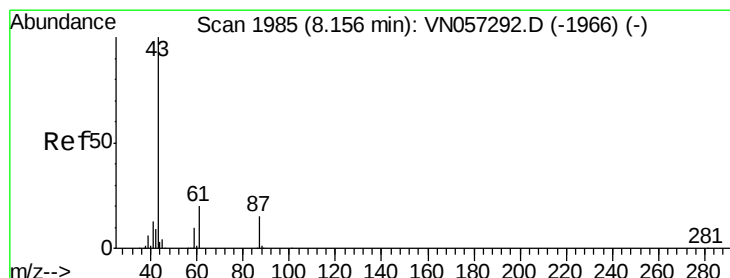
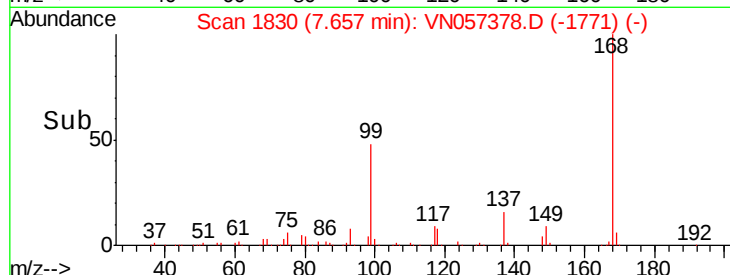
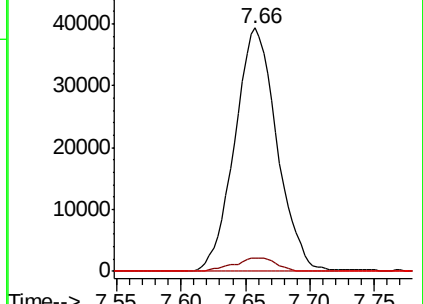
121 0.0 25.0 37.4#



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: 15.897 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

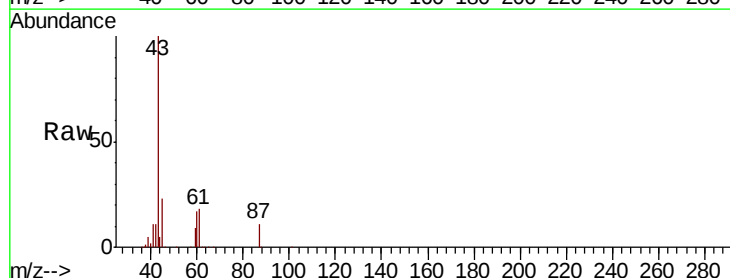
Tgt Ion: 43 Resp: 329663

Ion Ratio Lower Upper

43 100

61 10.7 21.6 32.4#

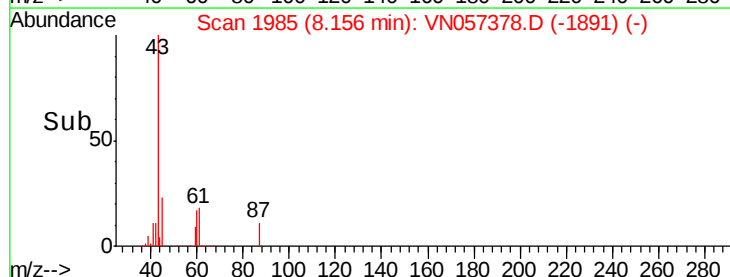
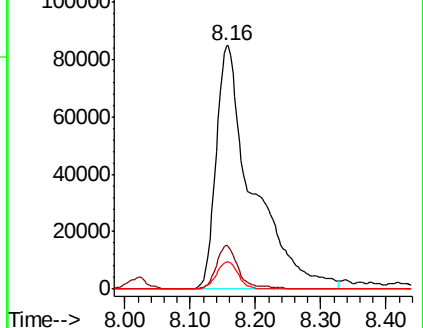
87 6.7 11.4 17.0#

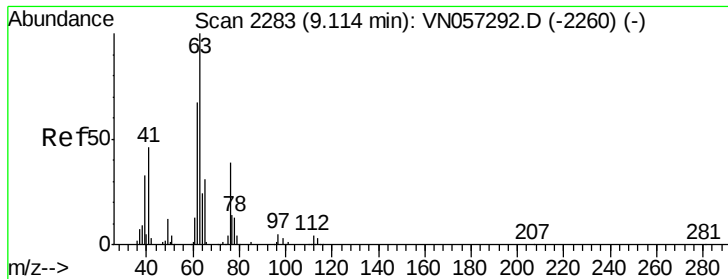


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

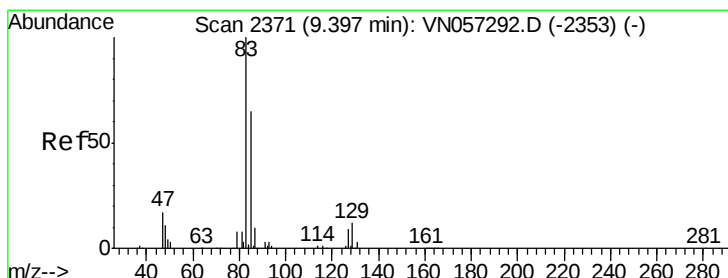
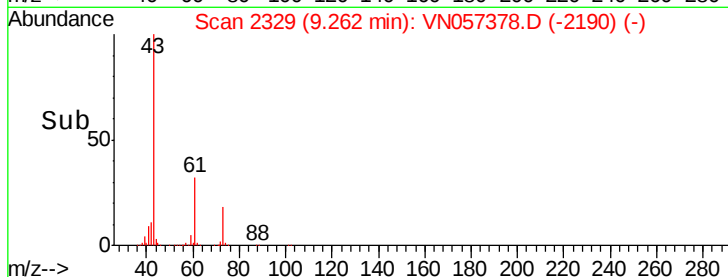
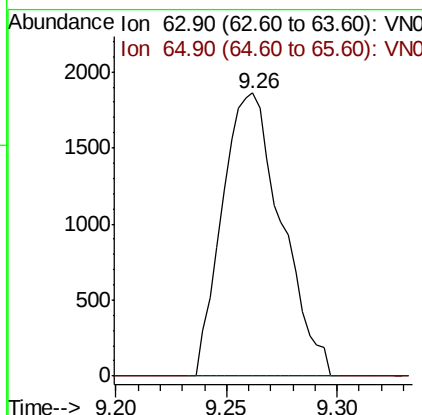
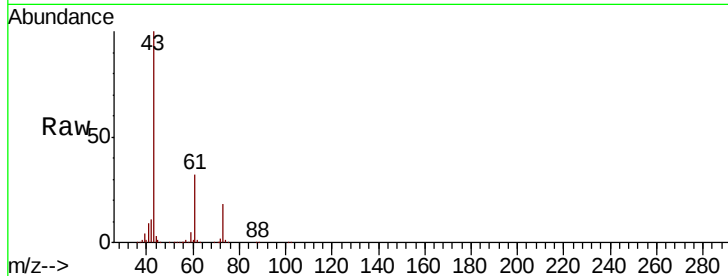




#45
 1,2-Dichloropropane
 Concen: 0.332 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

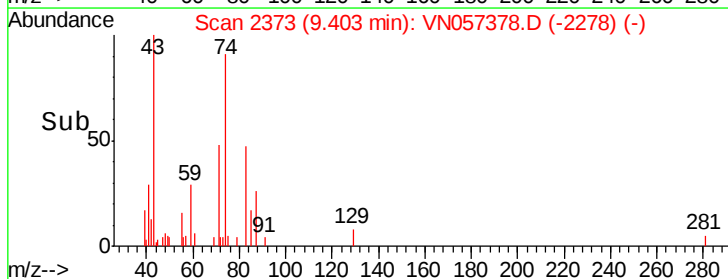
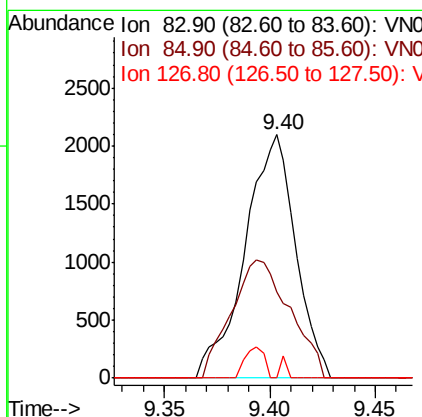
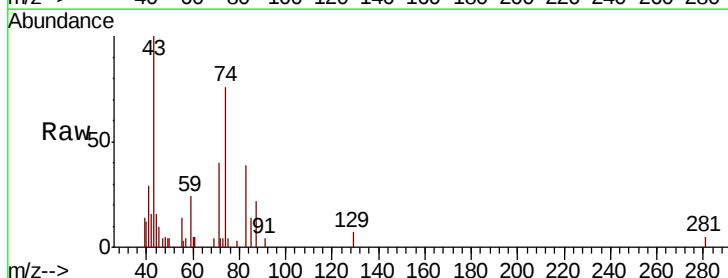
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-B

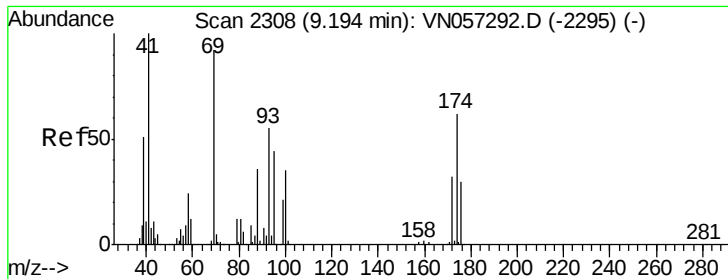
Tgt Ion: 63 Resp: 3456
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#47
 Bromodichloromethane
 Concen: 0.254 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.01 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

Tgt Ion: 83 Resp: 3499
 Ion Ratio Lower Upper
 83 100
 85 35.3 51.9 77.9#
 127 0.0 7.2 10.8#

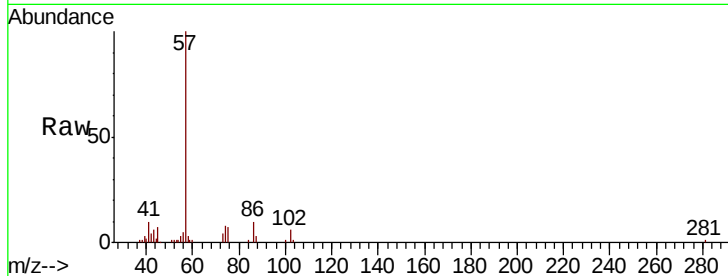




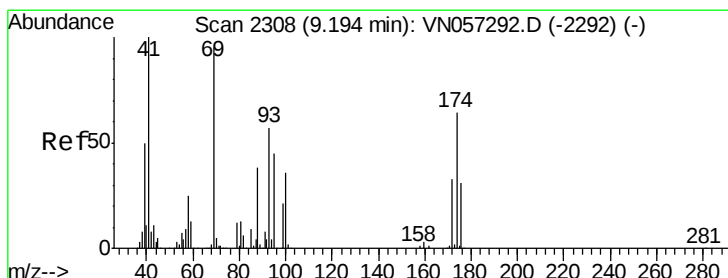
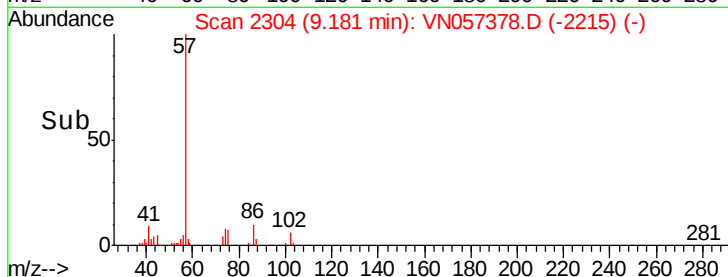
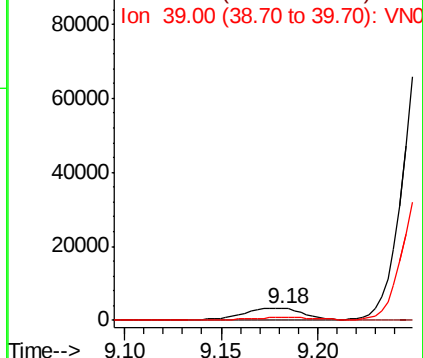
#48
Methyl methacrylate
Concen: 0.803 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.01 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-B

Tgt Ion: 41 Resp: 7155
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#

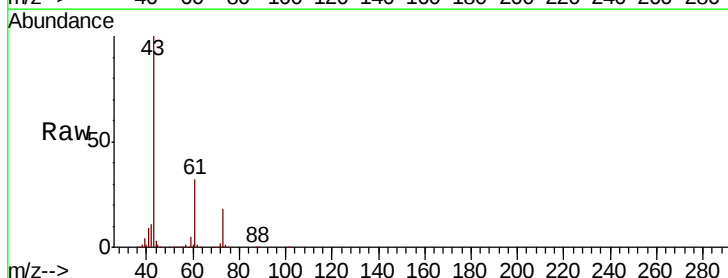


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

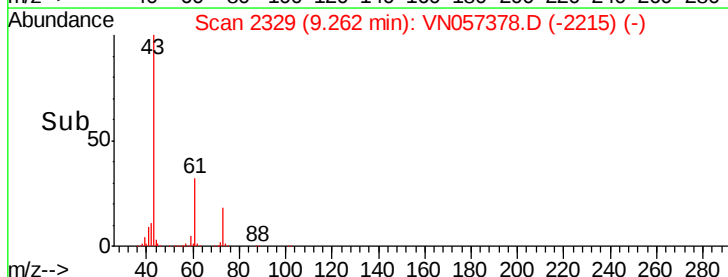
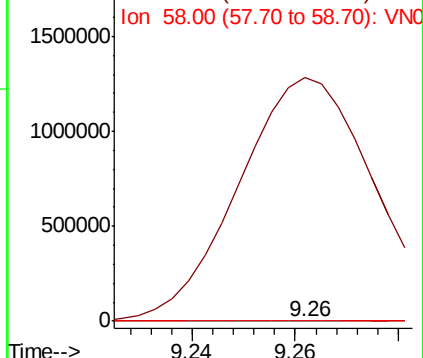


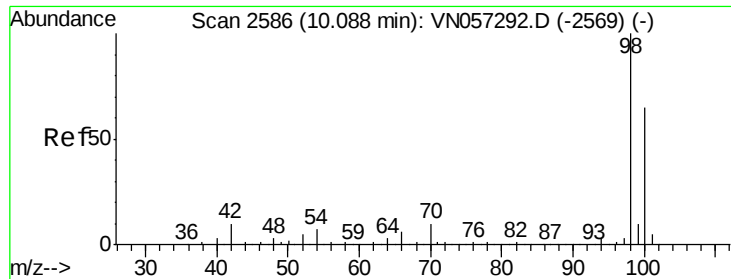
#49
1,4-Dioxane
Concen: 1.895 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Tgt Ion: 88 Resp: 355
Ion Ratio Lower Upper
88 100
43 672383.7 22.9 34.3#
58 2888.7 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: 48.546 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

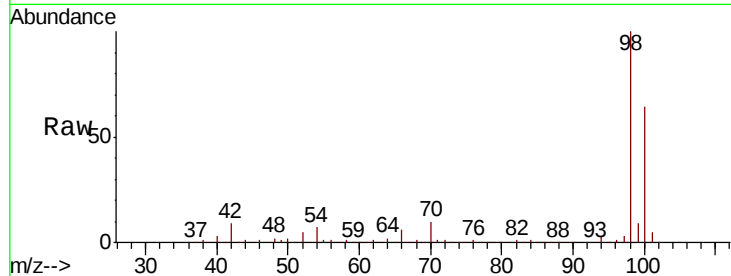
JC-03-081519-B

Tgt Ion: 98 Resp: 1740850

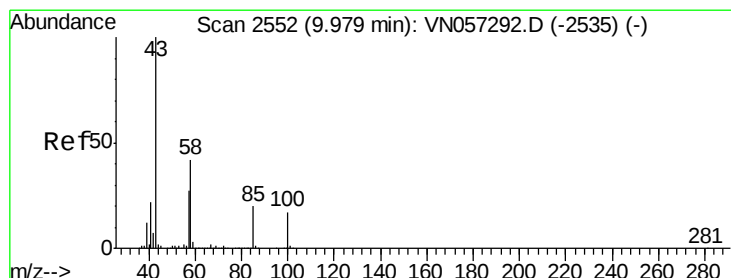
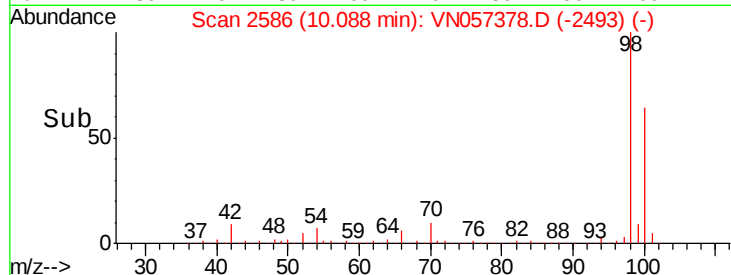
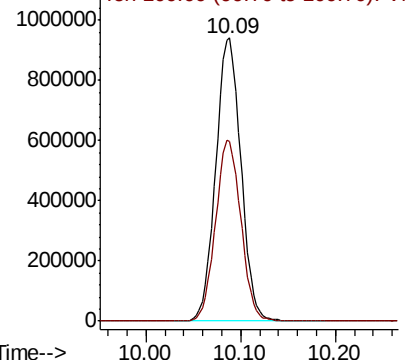
Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN057292.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.808 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN057378.D

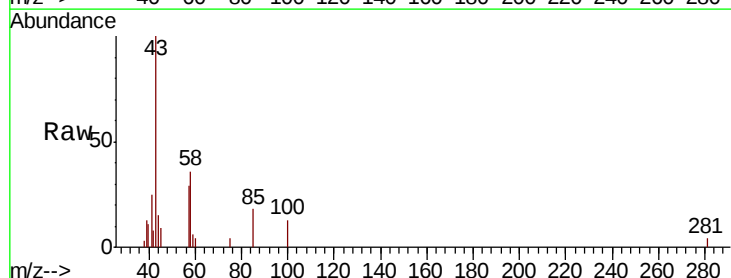
Acq: 17 Aug 2019 1:15

Tgt Ion: 43 Resp: 9020

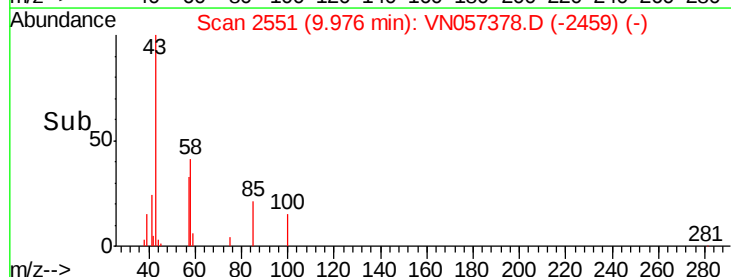
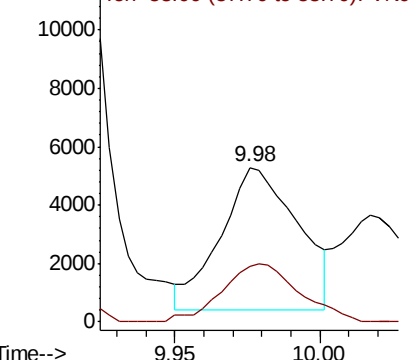
Ion Ratio Lower Upper

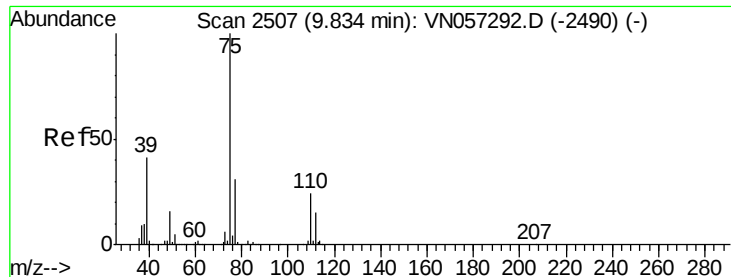
43 100

58 40.6 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-2535) (-)





#54

cis-1,3-Dichloropropene

Concen: 4.449 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-B

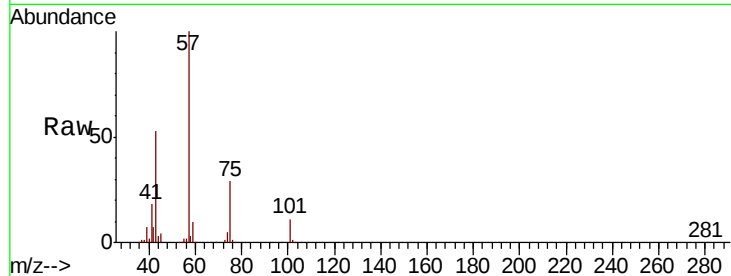
Tgt Ion: 75 Resp: 73031

Ion Ratio Lower Upper

75 100

77 0.7 24.9 37.3#

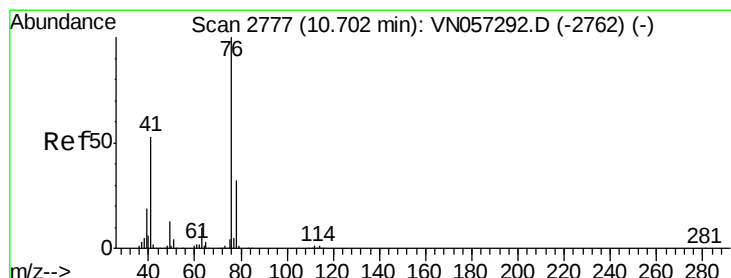
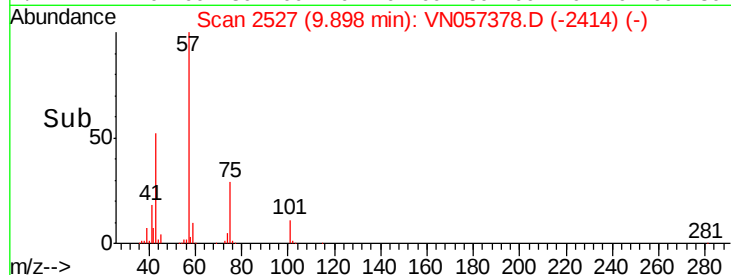
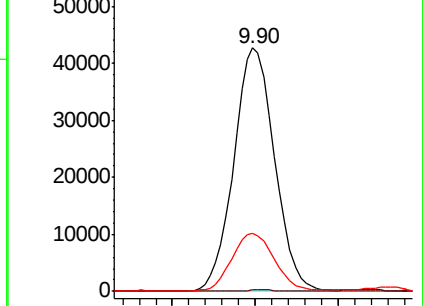
39 23.9 32.7 49.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.674 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057378.D

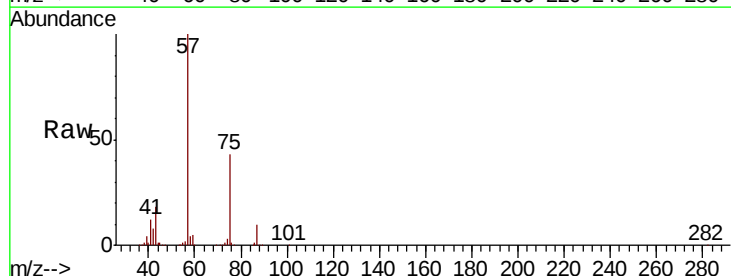
Acq: 17 Aug 2019 1:15

Tgt Ion: 76 Resp: 11135

Ion Ratio Lower Upper

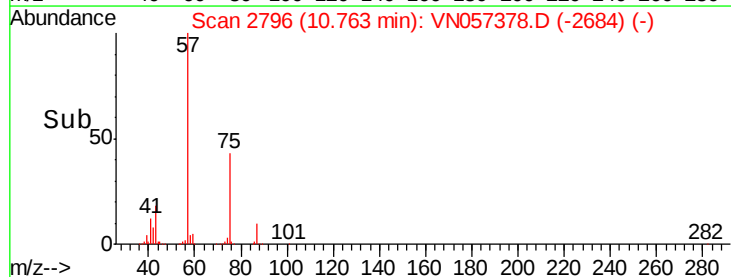
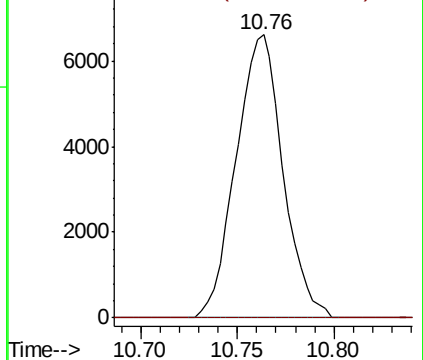
76 100

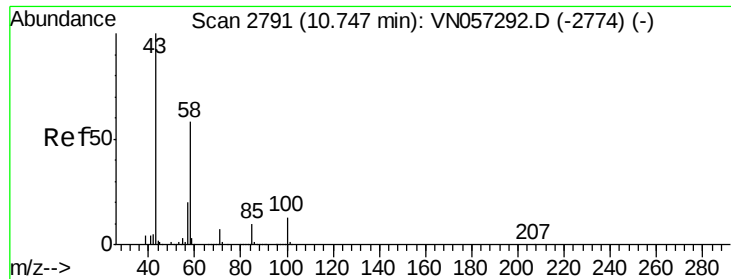
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

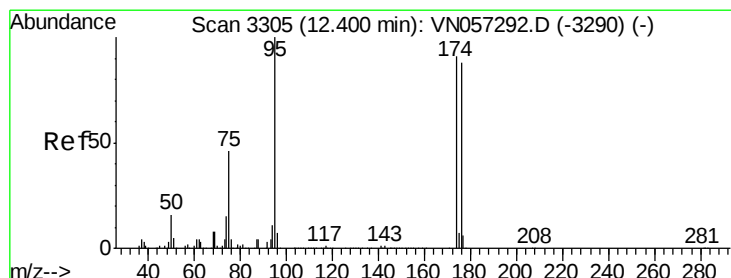
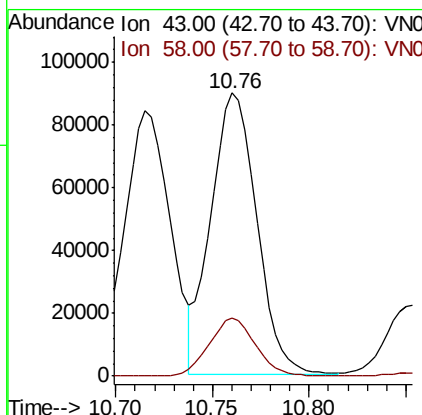
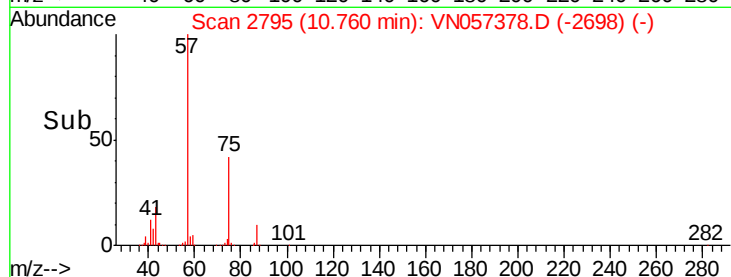
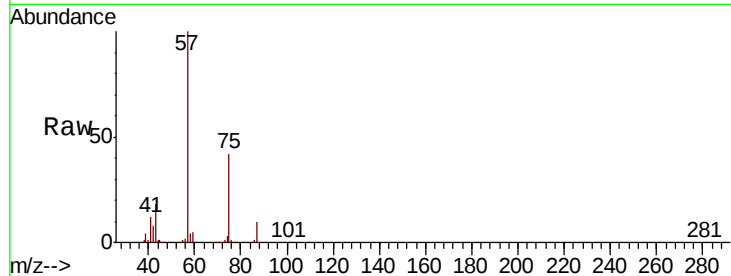




#59
2-Hexanone
Concen: 18.533 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

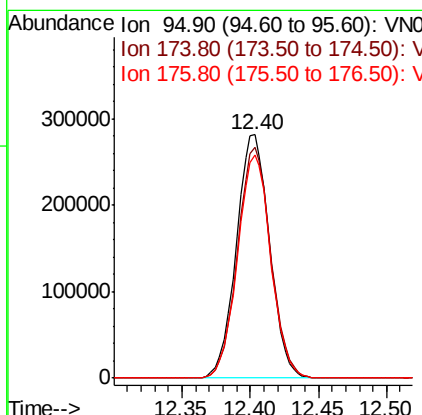
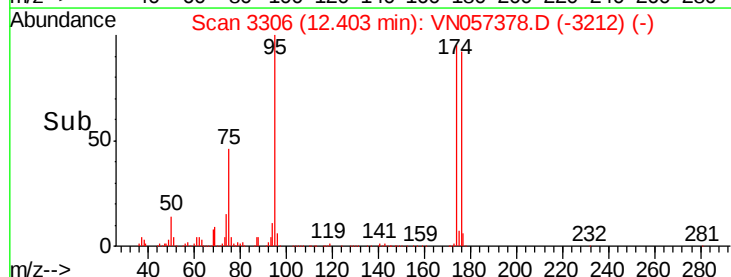
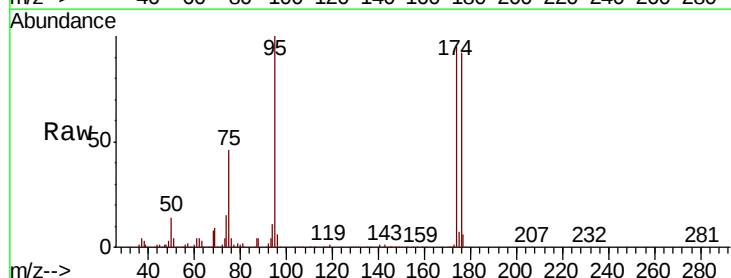
Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-B

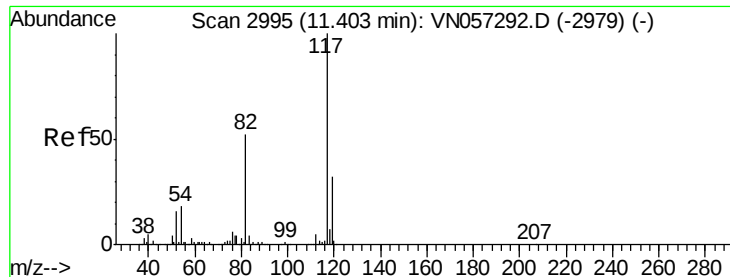
Tgt Ion: 43 Resp: 148671
Ion Ratio Lower Upper
43 100
58 20.7 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 37.607 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Tgt Ion: 95 Resp: 476583
Ion Ratio Lower Upper
95 100
174 94.6 0.0 185.0
176 91.5 0.0 181.0

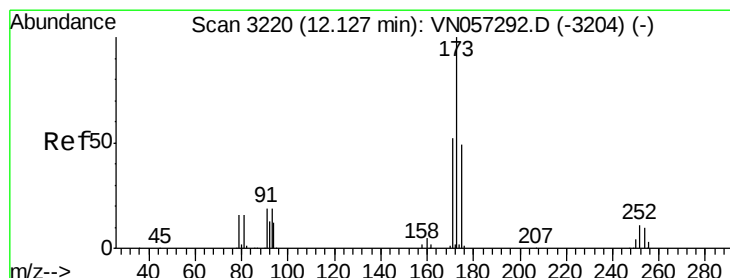
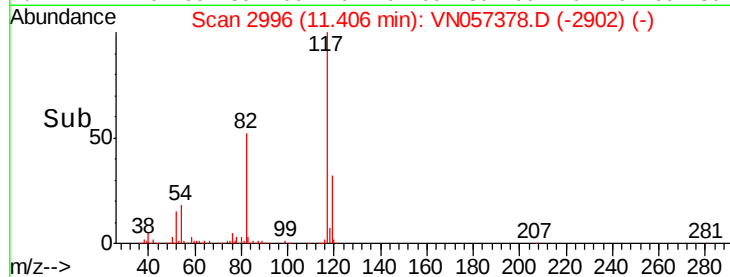
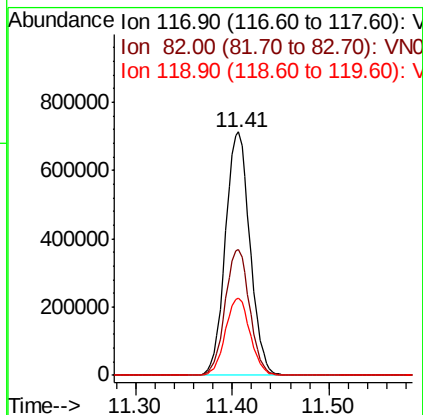
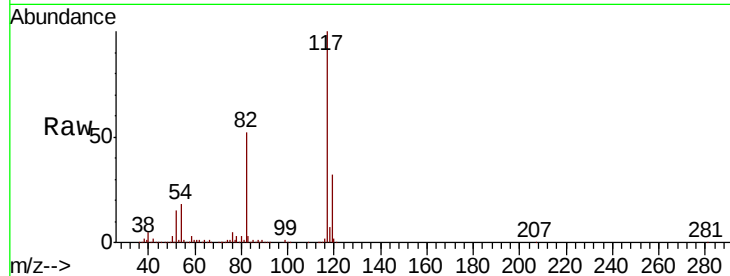




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

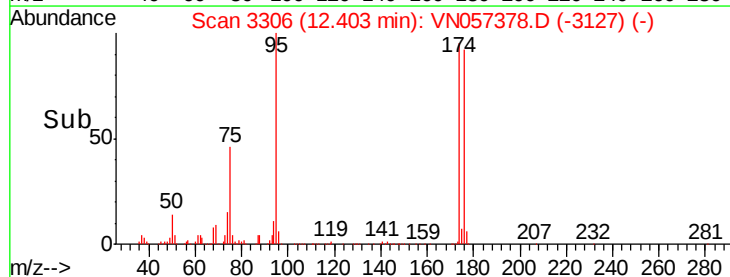
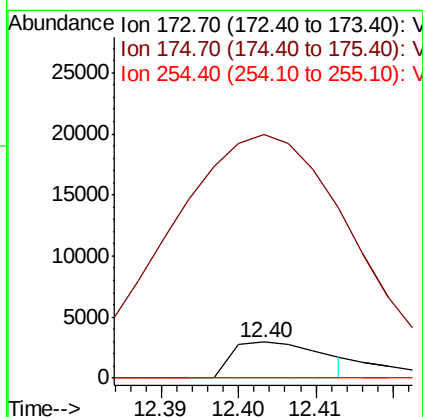
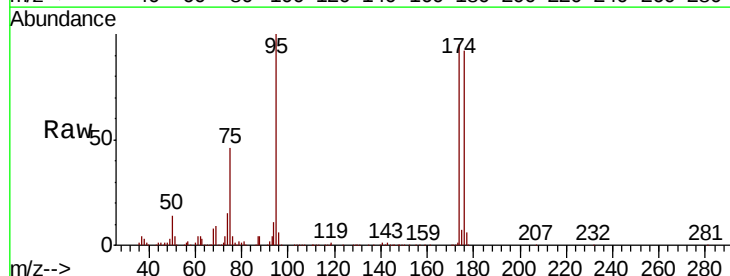
Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-B

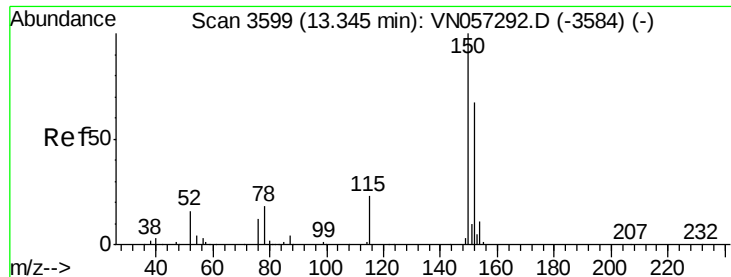
Tgt Ion:117 Resp: 1256639
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 31.8 25.8 38.8



#71
Bromoform
Concen: 0.309 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Tgt Ion:173 Resp: 2396
Ion Ratio Lower Upper
173 100
175 1212.0 24.2 72.6#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-B

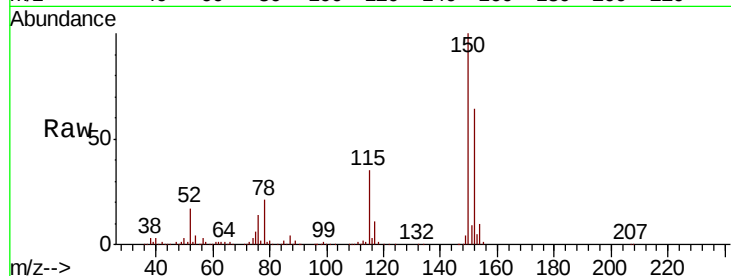
Tgt Ion:152 Resp: 348018

Ion Ratio Lower Upper

152 100

115 55.8 27.3 81.9

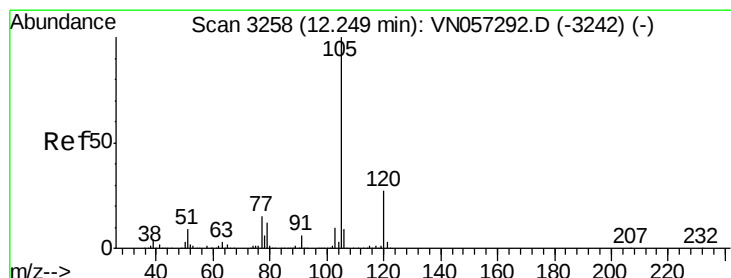
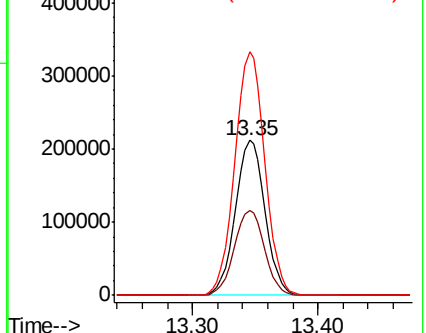
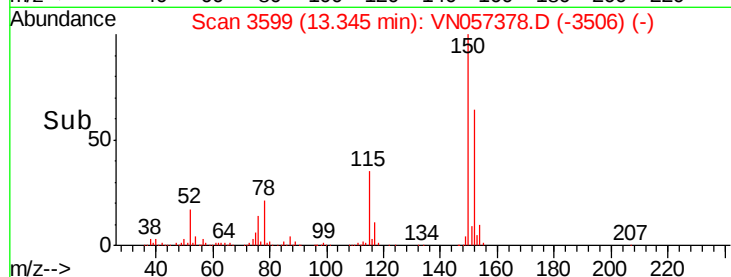
150 158.5 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057378.D

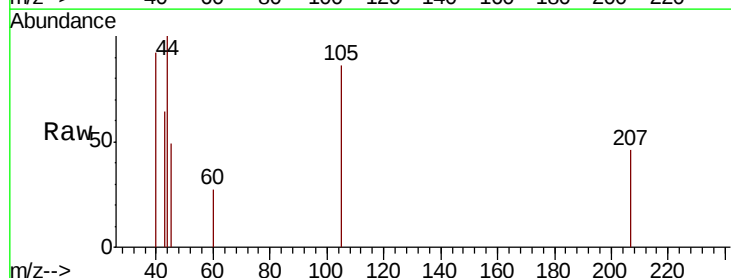
Acq: 17 Aug 2019 1:15

Tgt Ion:105 Resp: 583

Ion Ratio Lower Upper

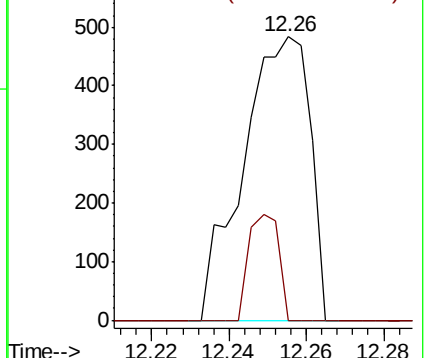
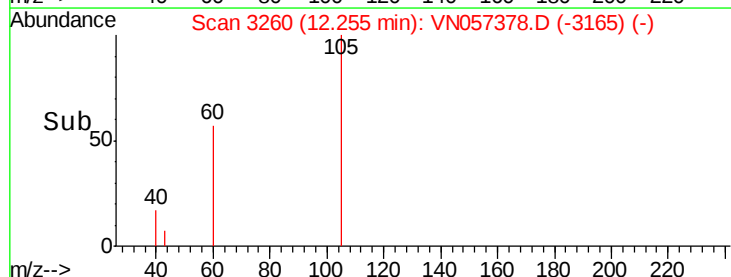
105 100

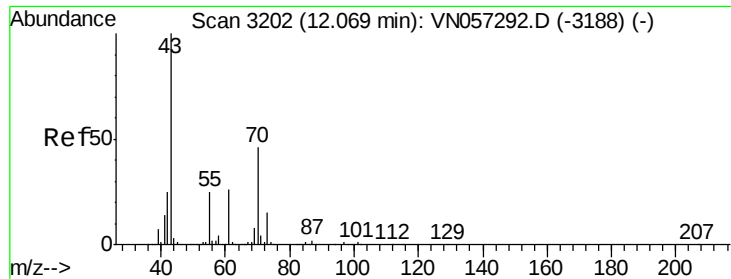
120 16.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.601 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-B

Tgt Ion: 43 Resp: 6074

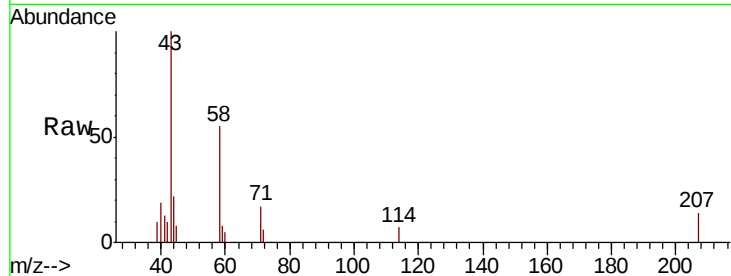
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 5.2 20.1 30.1#

61 0.0 20.9 31.3#

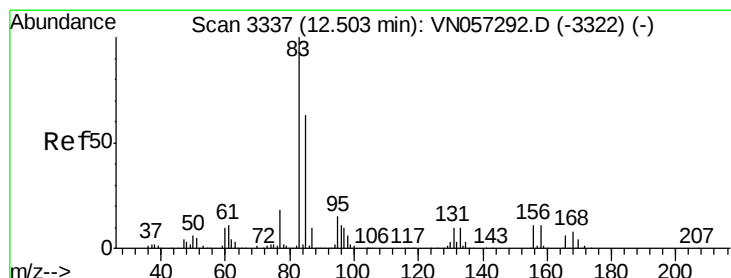
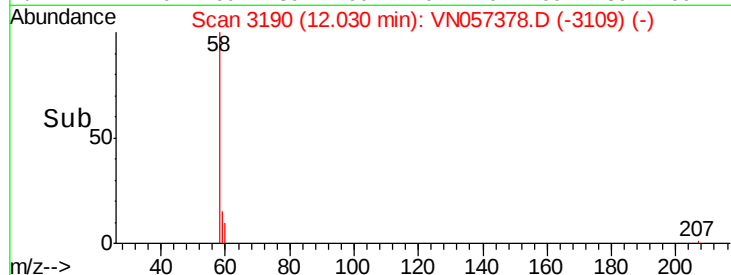
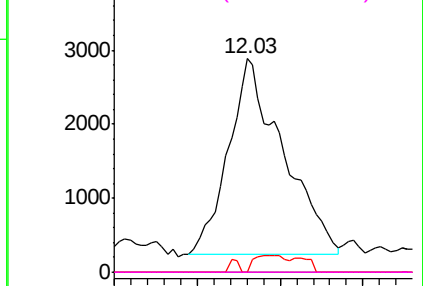


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.39 min Scan# 3303

Delta R.T. -0.11 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

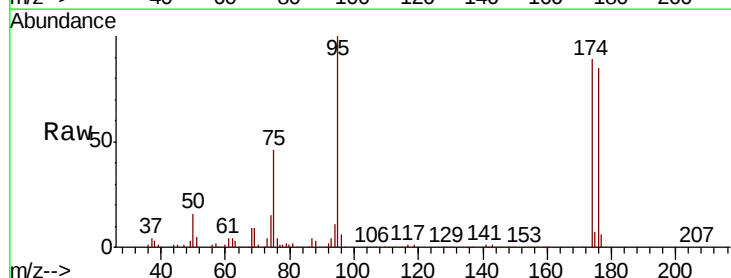
Tgt Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

131 1008.3 5.4 16.2#

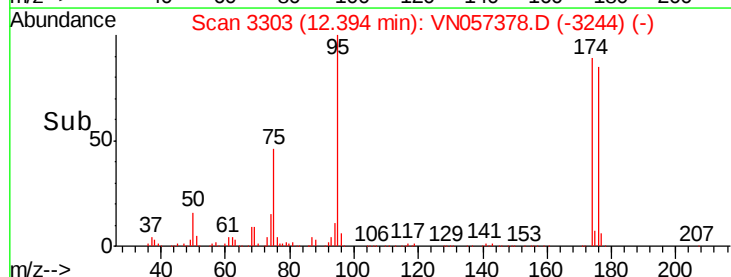
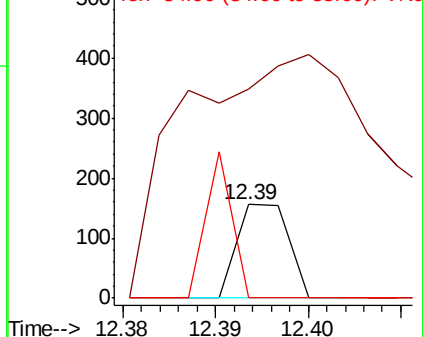
85 78.3 32.3 96.9

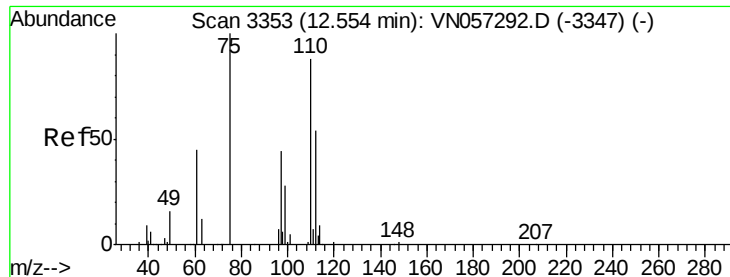


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 31.028 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

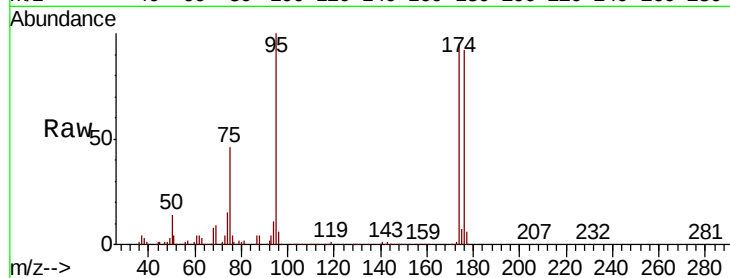
JC-03-081519-B

Tgt Ion: 75 Resp: 217468

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057378.D (-3306) (-)

Ion 77.00 (76.70 to 77.70): VN057378.D (-3306) (-)

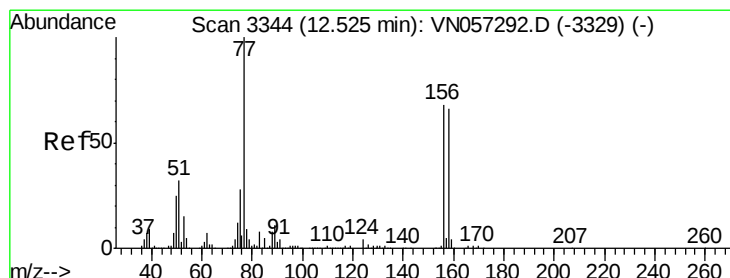
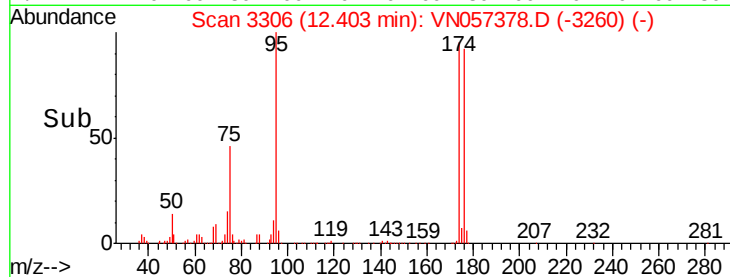
12.40

100000

50000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. -0.13 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

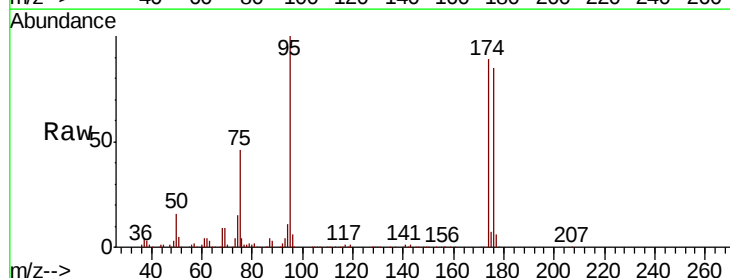
Tgt Ion: 156 Resp: 63

Ion Ratio Lower Upper

156 100

77 4023.8 89.8 269.6#

158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): VN057378.D (-3303) (-)

Ion 77.00 (76.70 to 77.70): VN057378.D (-3303) (-)

Ion 157.80 (157.50 to 158.50): VN057378.D (-3303) (-)

2000

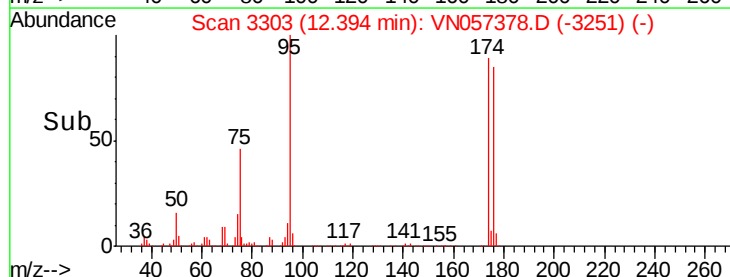
1500

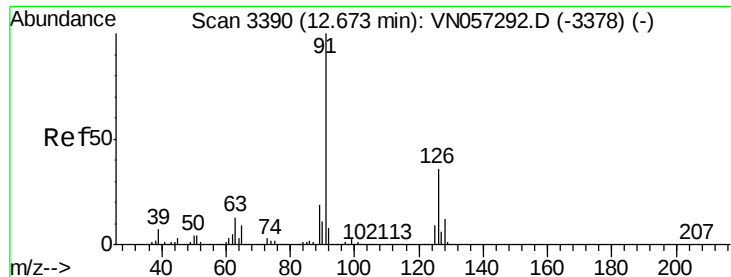
1000

500

0

Time-->

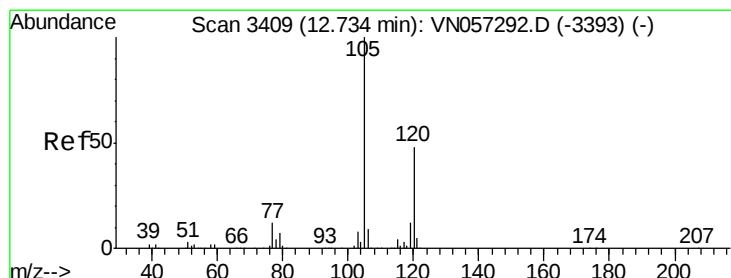
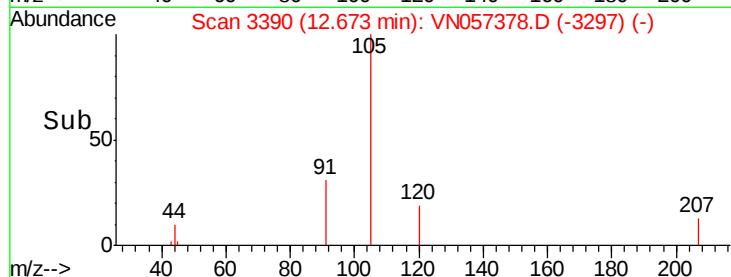
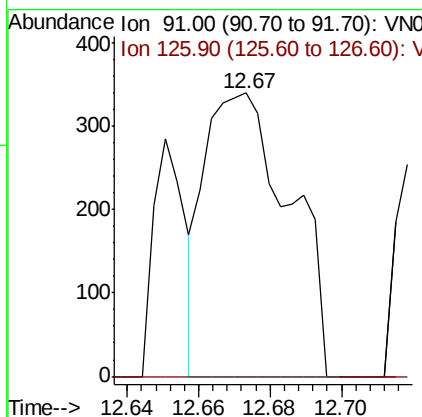
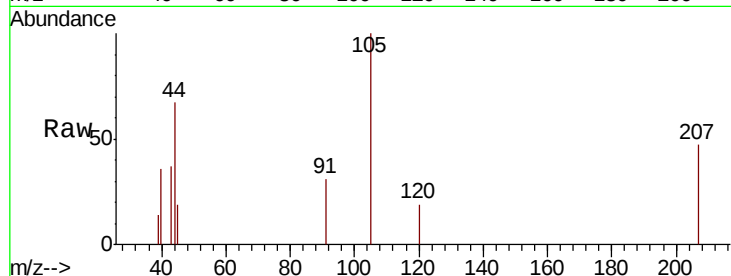




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

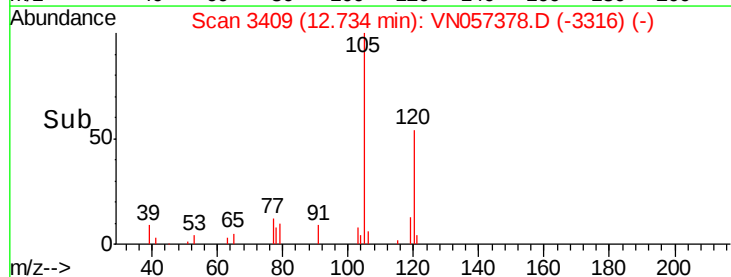
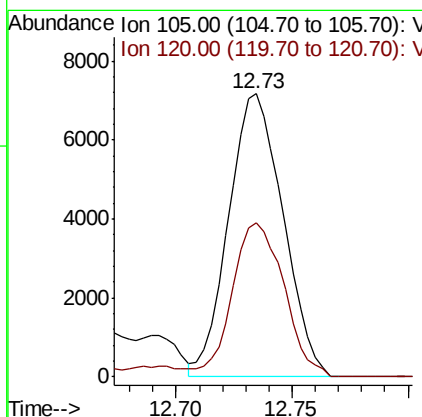
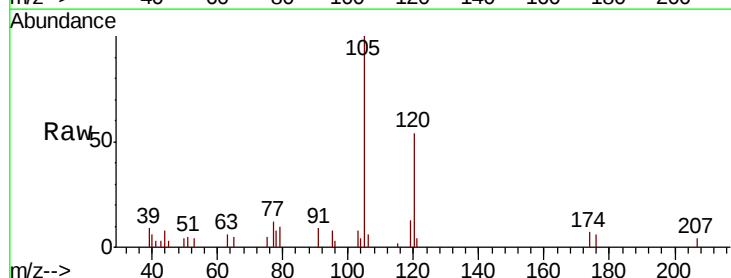
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-B

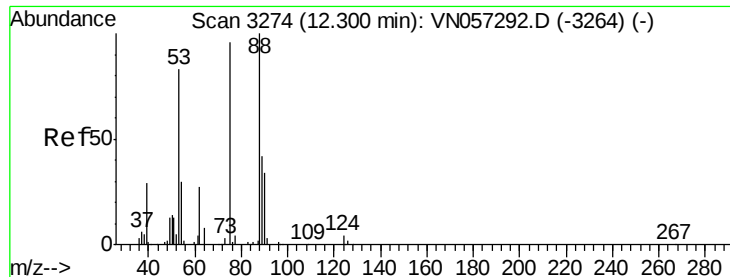
Tgt Ion: 91 Resp: 560
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.1 54.1#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

Tgt Ion: 105 Resp: 11702
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 76.196 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-B

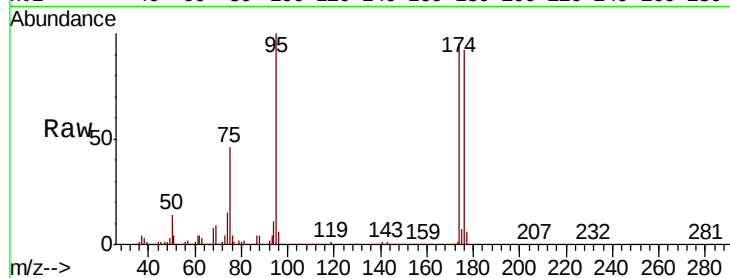
Tgt Ion: 75 Resp: 217468

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): VN057378.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057378.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057378.D (-3181) (-)

12.40

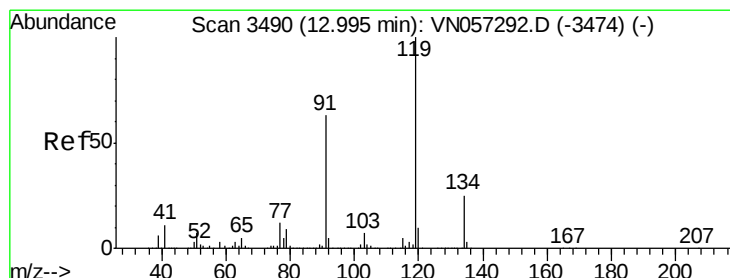
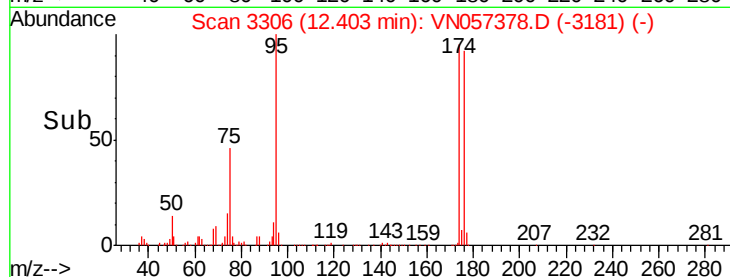
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3493

Delta R.T. 0.01 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

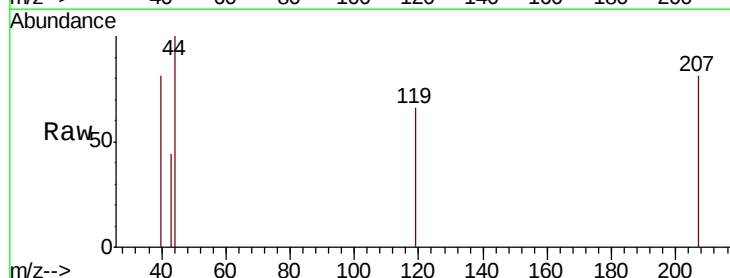
Tgt Ion: 119 Resp: 192

Ion Ratio Lower Upper

119 100

91 0.0 31.3 93.8#

134 0.0 13.1 39.1#



Abundance Ion 119.00 (118.70 to 119.70): VN057378.D (-3397) (-)

Ion 91.00 (90.70 to 91.70): VN057378.D (-3397) (-)

Ion 134.00 (133.70 to 134.70): VN057378.D (-3397) (-)

13.00

400

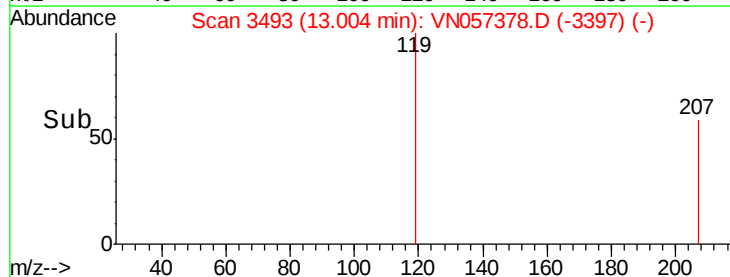
300

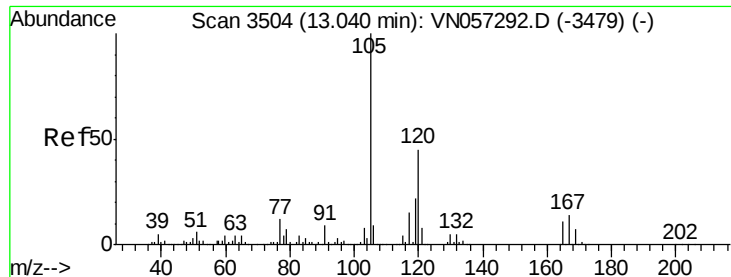
200

100

0

Time-->

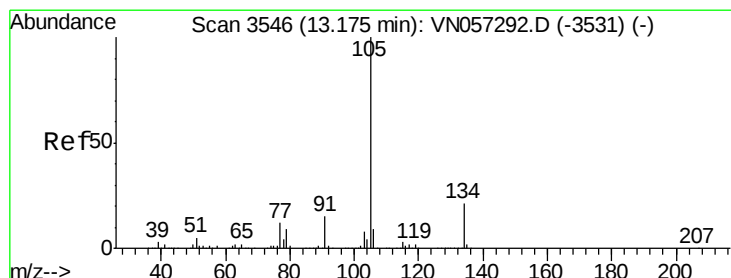
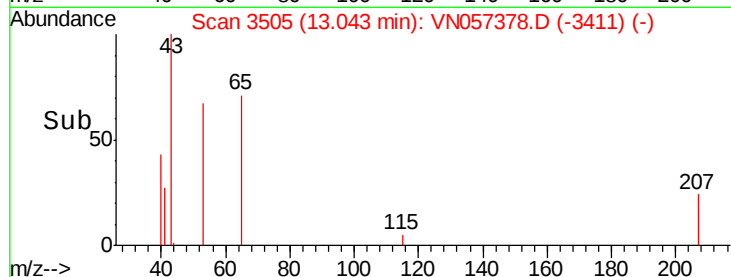
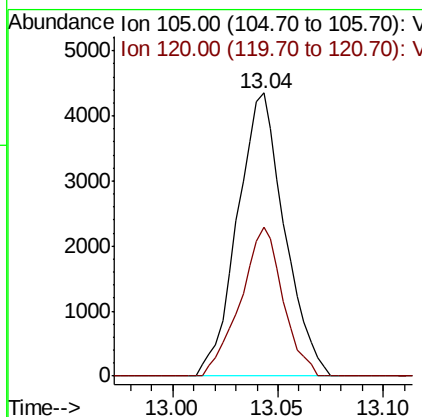
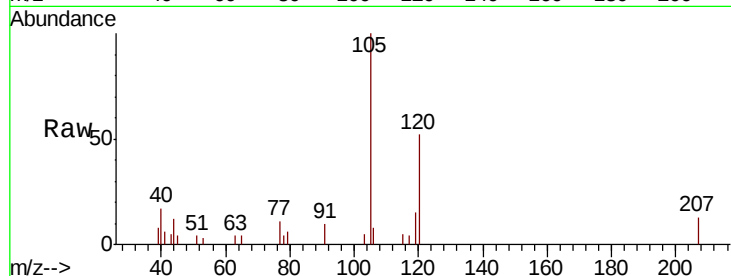




#84
 1,2,4-Trimethylbenzene
 Concen: 0.269 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

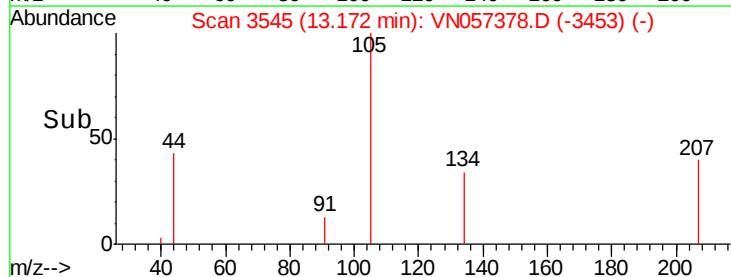
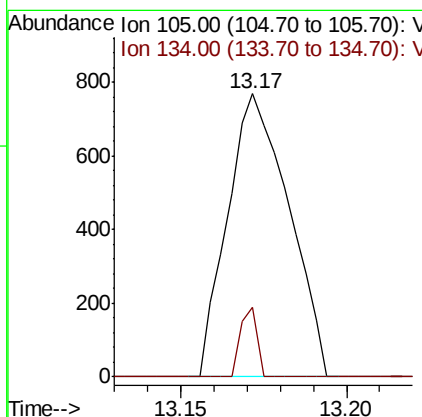
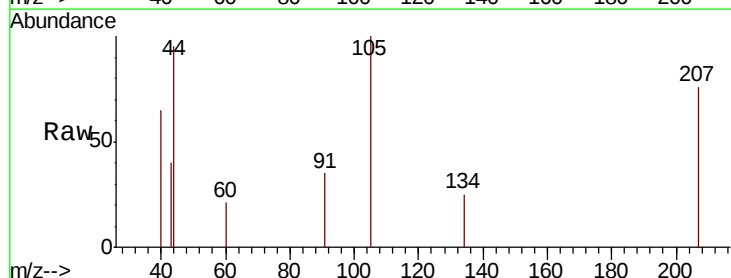
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-B

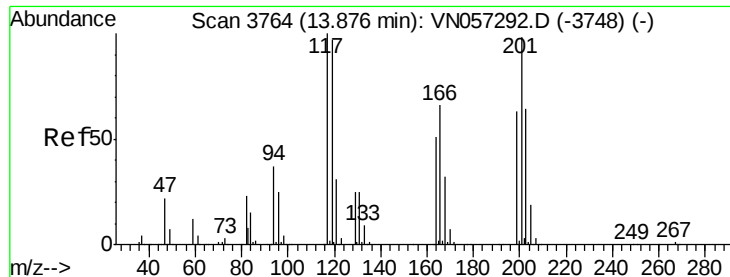
Tgt Ion:105 Resp: 6744
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.6 67.7



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

Tgt Ion:105 Resp: 988
 Ion Ratio Lower Upper
 105 100
 134 6.7 10.4 31.2#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3772

Delta R.T. 0.03 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

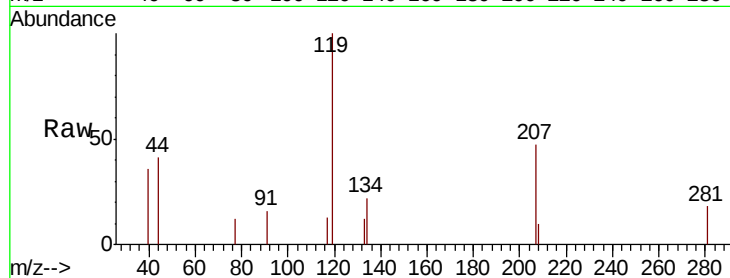
JC-03-081519-B

Tgt Ion:117 Resp: 112

Ion Ratio Lower Upper

117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.90

200

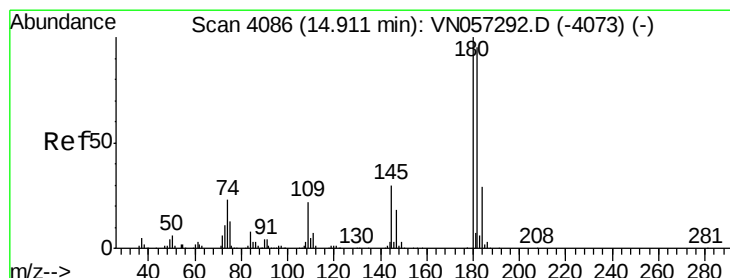
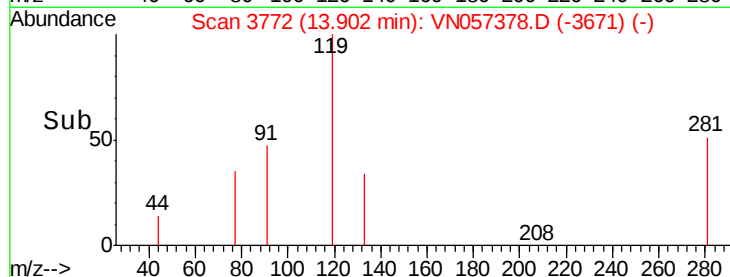
150

100

50

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 5.424 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

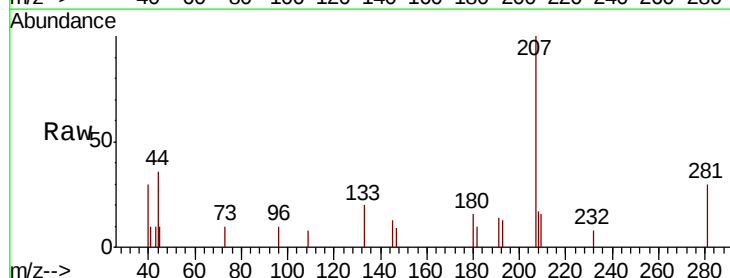
Tgt Ion:180 Resp: 348

Ion Ratio Lower Upper

180 100

182 41.7 48.0 144.2#

145 79.6 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

14.91

400

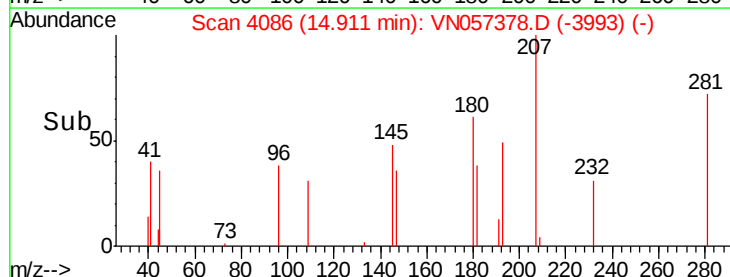
300

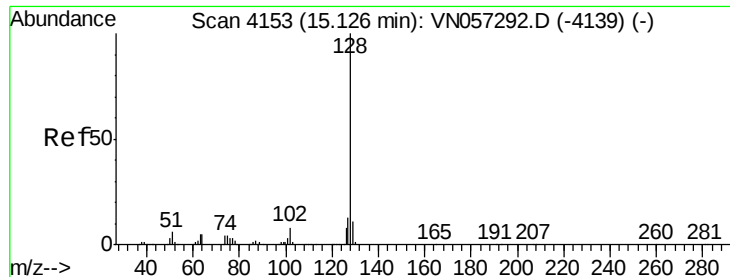
200

100

0

Time-->

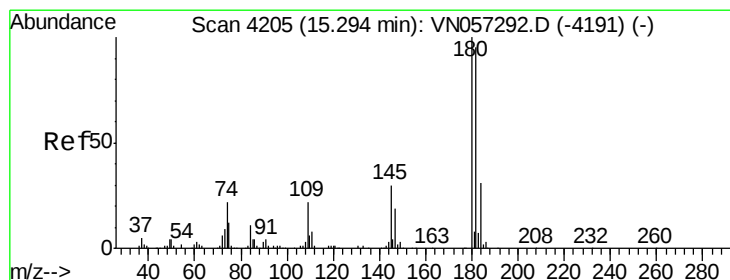
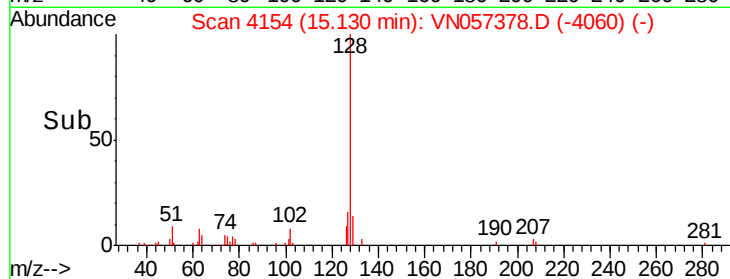
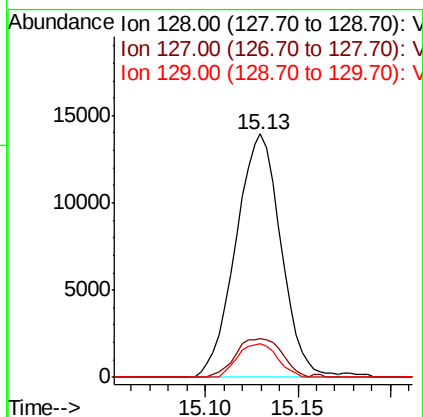
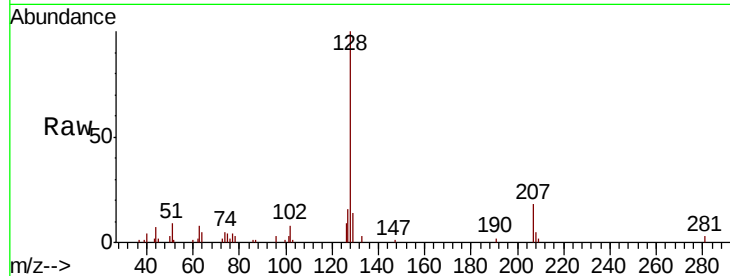




#95
Naphthalene
Concen: 2.023 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-B

Tgt Ion:128 Resp: 23579
Ion Ratio Lower Upper
128 100
127 16.4 10.5 15.7#
129 12.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Tgt Ion:180 Resp: 214
Ion Ratio Lower Upper
180 100
182 100.0 47.9 143.6
145 111.2 15.1 45.3#

