

Data File : VN057403.D
Acq On : 19 Aug 2019 16:20
Operator : JC/SP
Sample : K4350-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-17_081319

Quant Time: Aug 20 07:13:38 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	1080587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1501696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1259925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	345446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	496942	42.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.60%	
35) Dibromofluoromethane	7.58	113	452885	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.08	98	1744813	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	465281	36.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.14%	

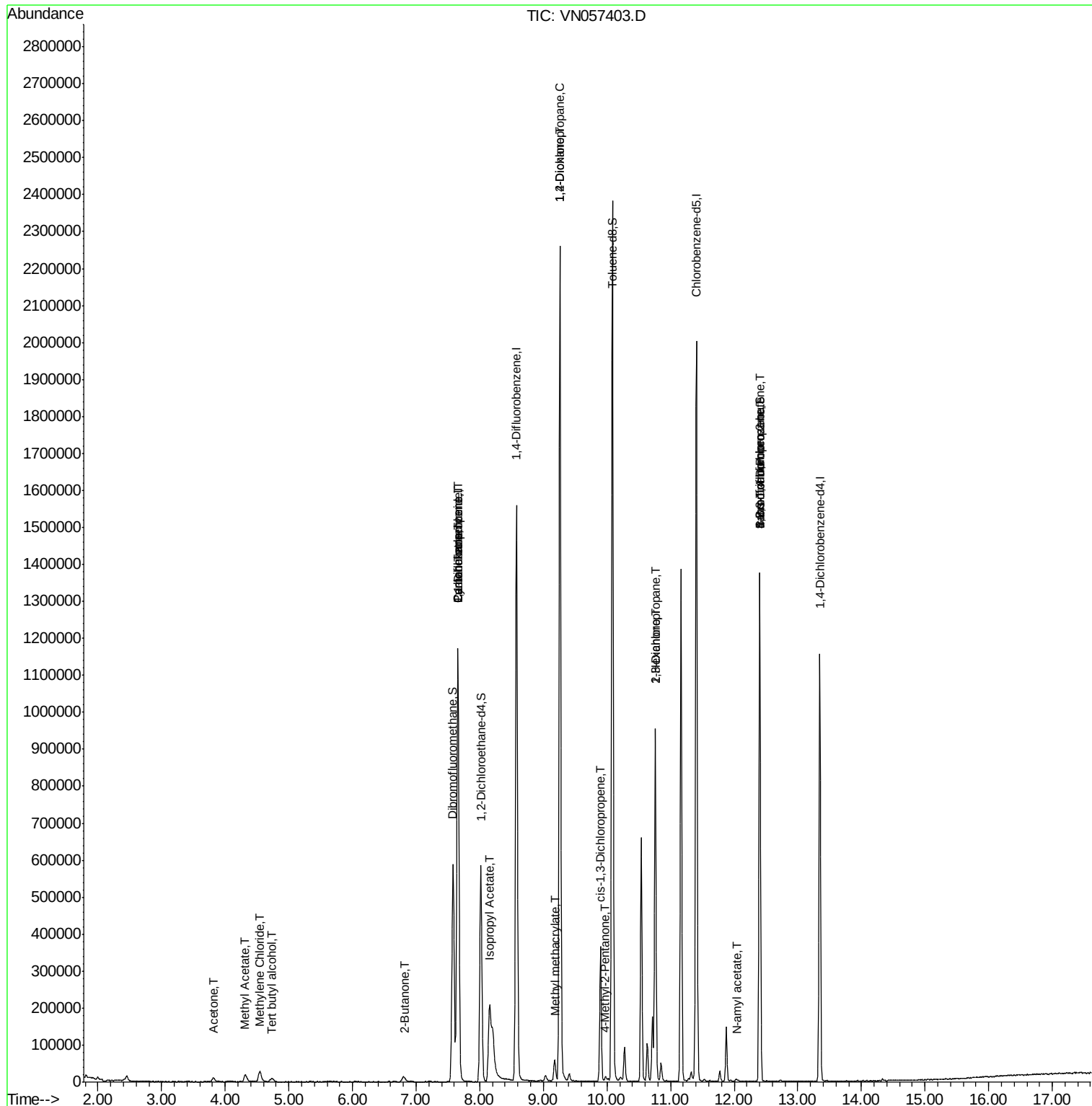
Target Compounds				Qvalue		
11) Tert butyl alcohol	4.73	59	8298	4.969	ug/l #	73
16) Acetone	3.81	43	18301	4.491	ug/l	99
18) Methyl Acetate	4.31	43	37431	1.070	ug/l	97
20) Methylene Chloride	4.54	84	24192	2.122	ug/l #	98
25) 2-Butanone	6.83	43	5206	0.882	ug/l	91
31) Cyclohexane	7.66	56	14330	0.895	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	63576	4.795	ug/l #	48
38) Carbon Tetrachloride	7.66	117	90828	6.593	ug/l #	16
43) Isopropyl Acetate	8.16	43	258066	12.140	ug/l #	78
45) 1,2-Dichloropropane	9.26	63	2821	0.270	ug/l #	44
48) Methyl methacrylate	9.17	41	8621	0.964	ug/l #	11
49) 1,4-Dioxane	9.26	88	445	2.366	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8869	0.792	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	72637	4.407	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	11134	0.671	ug/l #	43
59) 2-Hexanone	10.76	43	130809	16.241	ug/l #	50
71) Bromoform	12.40	173	2032	0.262	ug/l #	1
73) Isopropylbenzene	12.25	105	73	Below Cal	#	49
74) N-amyl acetate	12.03	43	5813	0.580	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.41	83	29	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	213753	30.706	ug/l #	100
77) Bromobenzene	12.41	156	66	Below Cal	#	1
79) 2-Chlorotoluene	12.59	91	94	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.74	105	1216	Below Cal	#	47
81) trans-1,4-Dichloro-2-buten	12.40	75	213753	75.452	ug/l #	15
83) tert-Butylbenzene	13.26	119	30	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	109	Below Cal	#	55
95) Naphthalene	15.14	128	74	Below Cal	#	69

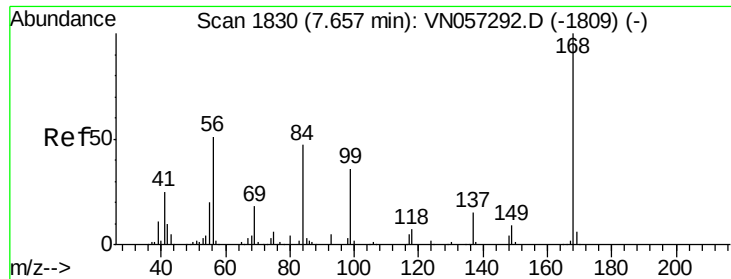
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

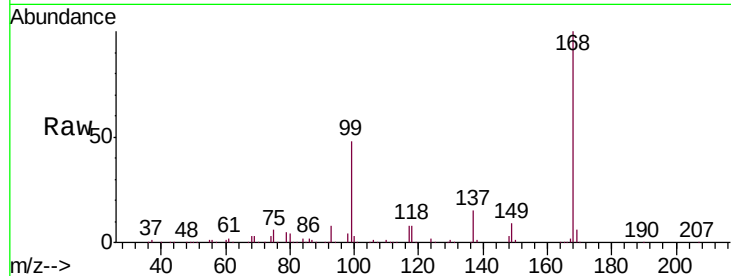
SS-17_081319

Tgt Ion:168 Resp: 1080587

Ion Ratio Lower Upper

168 100

99 48.0 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

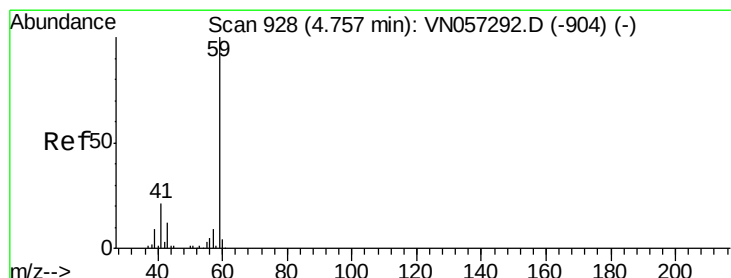
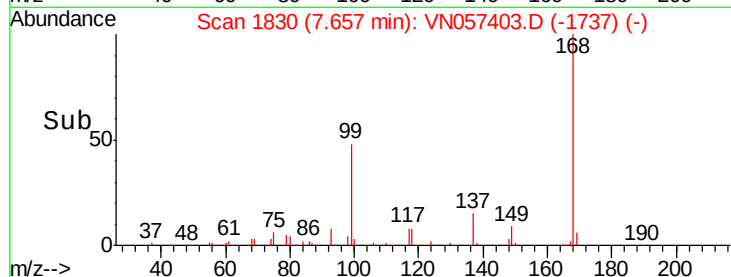
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.969 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.03 min

Lab File: VN057403.D

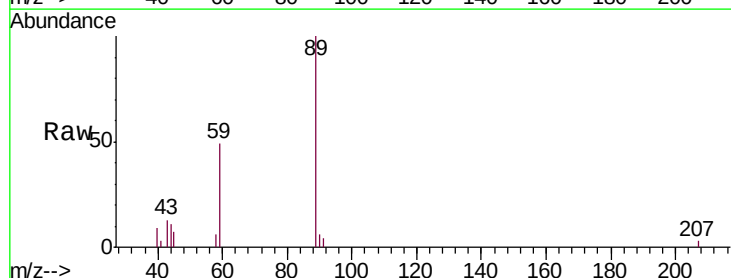
Acq: 19 Aug 2019 16:20

Tgt Ion: 59 Resp: 8298

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

2500

2000

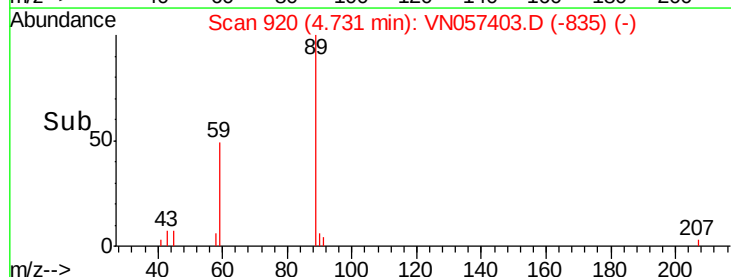
1500

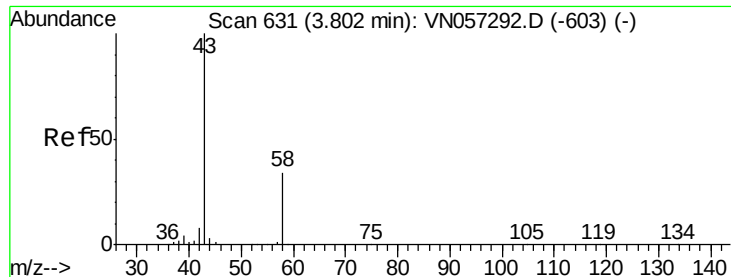
1000

500

0

Time-->





#16

Acetone

Concen: 4.491 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

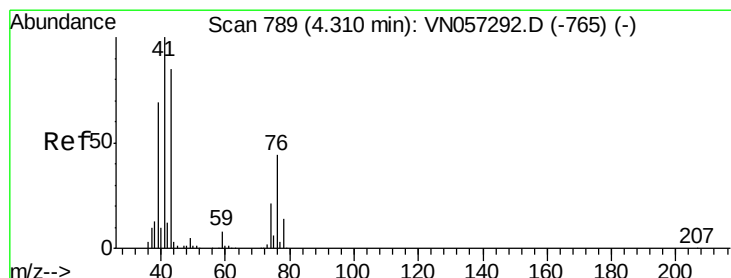
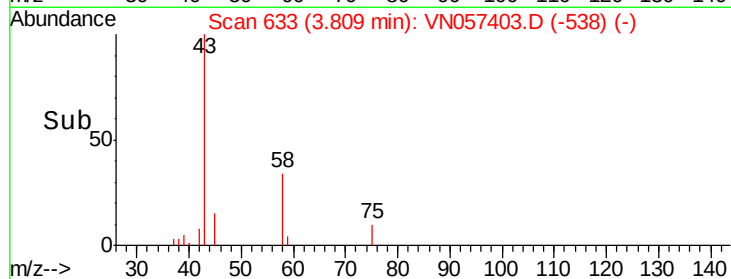
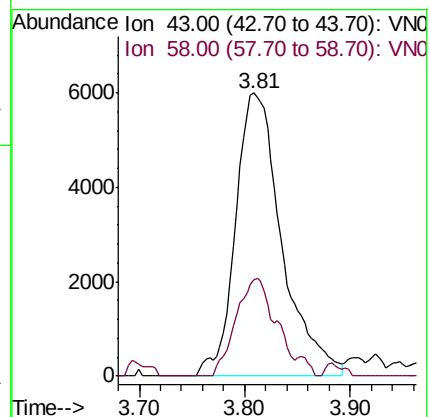
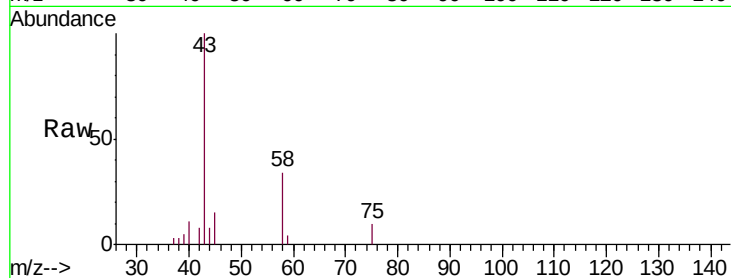
SS-17_081319

Tgt Ion: 43 Resp: 18301

Ion Ratio Lower Upper

43 100

58 34.2 27.0 40.6



#18

Methyl Acetate

Concen: 1.070 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057403.D

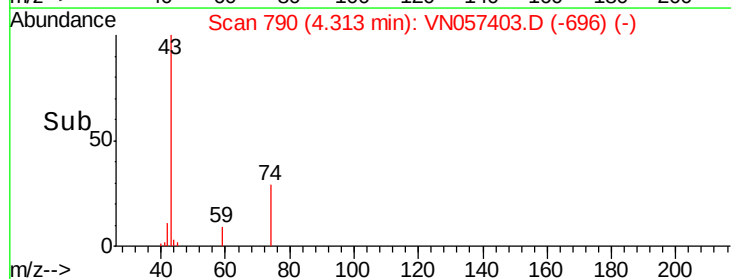
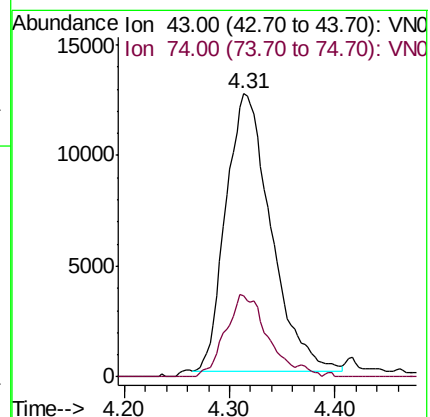
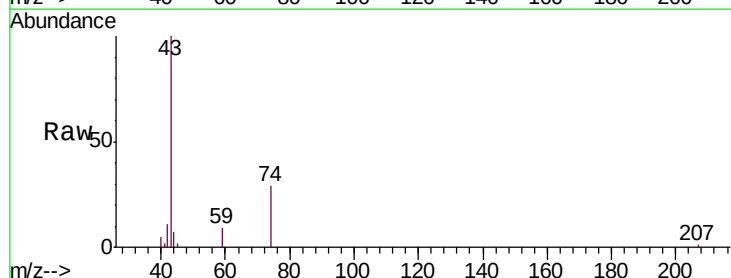
Acq: 19 Aug 2019 16:20

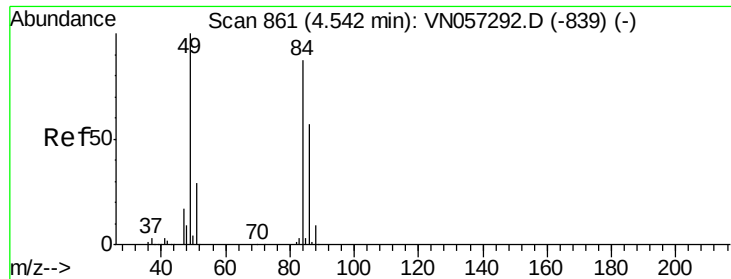
Tgt Ion: 43 Resp: 37431

Ion Ratio Lower Upper

43 100

74 26.7 20.2 30.2

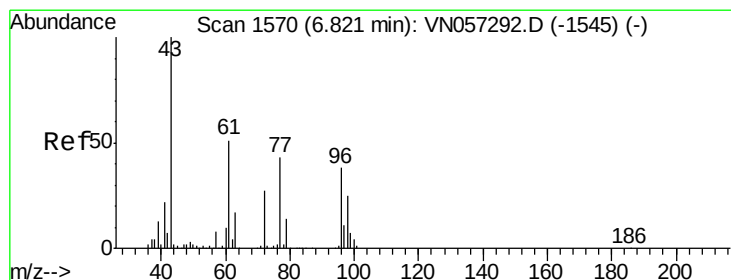
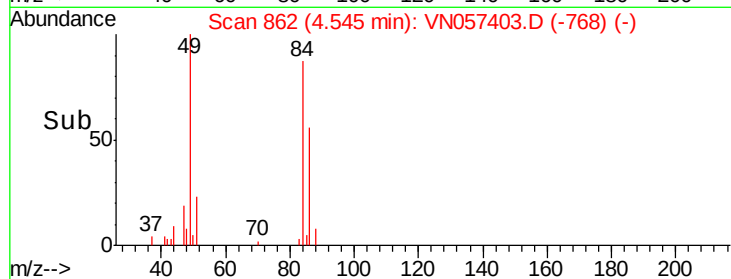
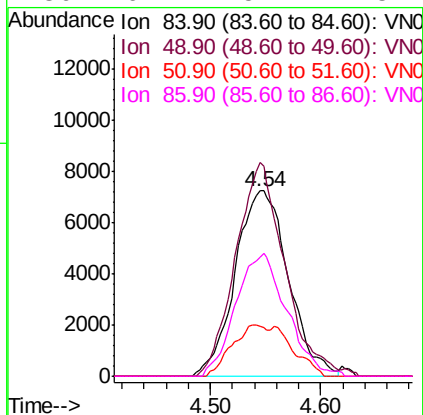
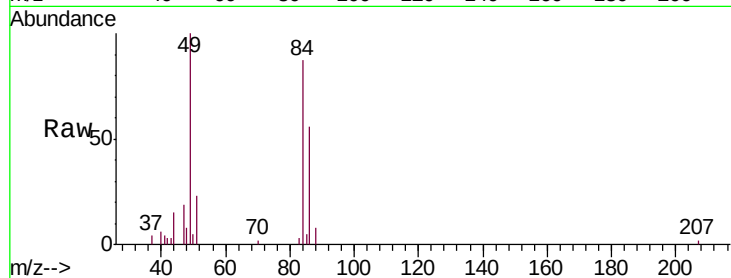




#20
Methylene Chloride
Concen: 2.122 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

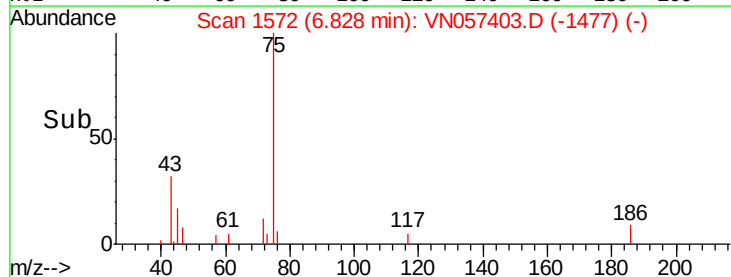
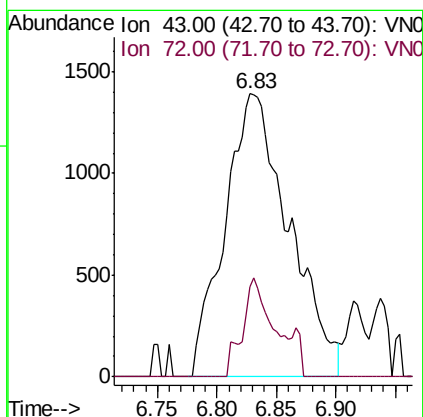
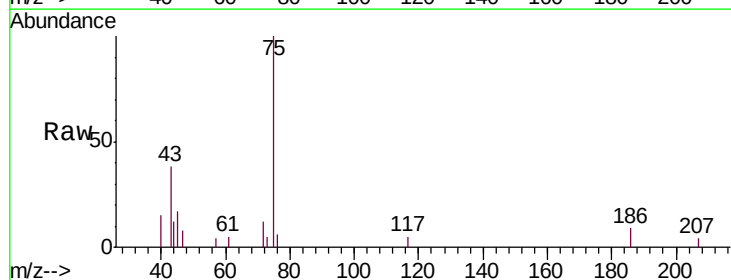
Instrument :
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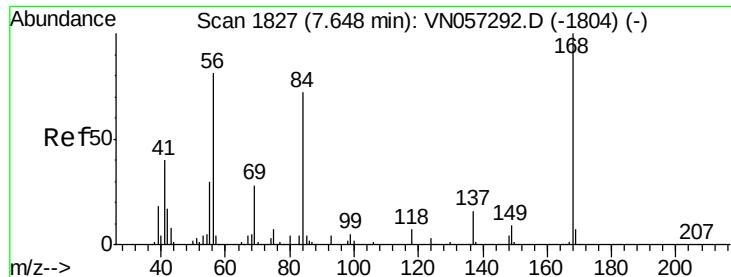
Tgt Ion: 84 Resp: 24192
Ion Ratio Lower Upper
84 100
49 115.2 92.0 138.0
51 26.9 27.1 40.7#
86 64.2 52.2 78.2



#25
2-Butanone
Concen: 0.882 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Tgt Ion: 43 Resp: 5206
Ion Ratio Lower Upper
43 100
72 31.8 21.5 32.3

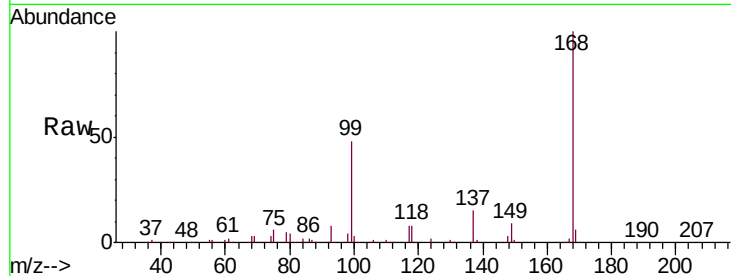




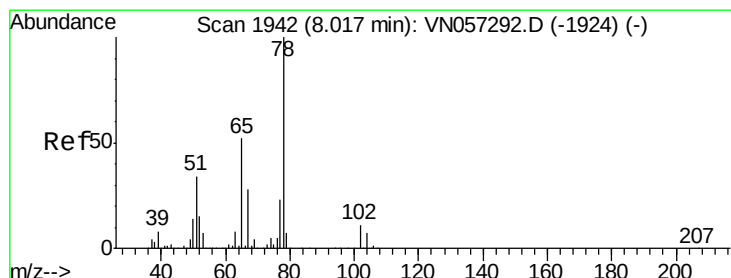
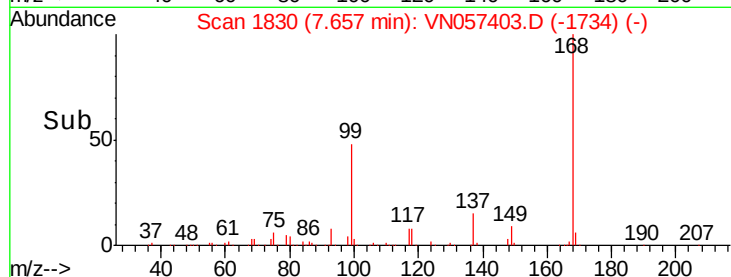
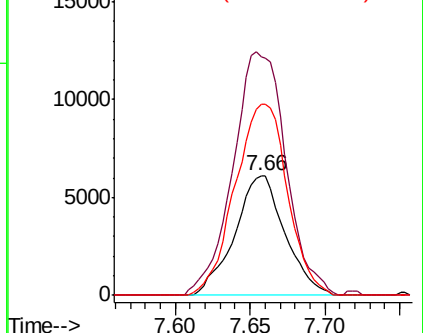
#31
Cyclohexane
Concen: 0.895 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Instrument :
MSVOA_N
ClientSampleId :
SS-17_081319

Tgt Ion: 56 Resp: 14330
Ion Ratio Lower Upper
56 100
69 199.4 27.3 40.9#
84 166.4 71.0 106.6#

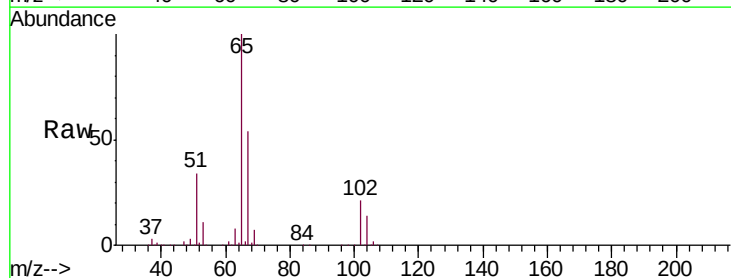


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

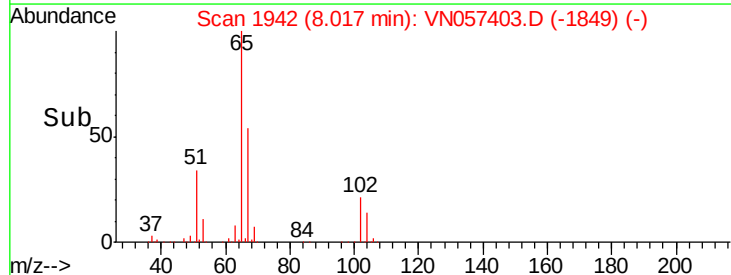
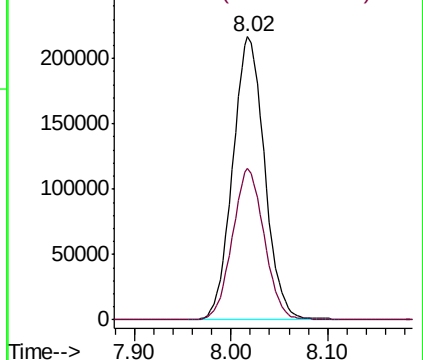


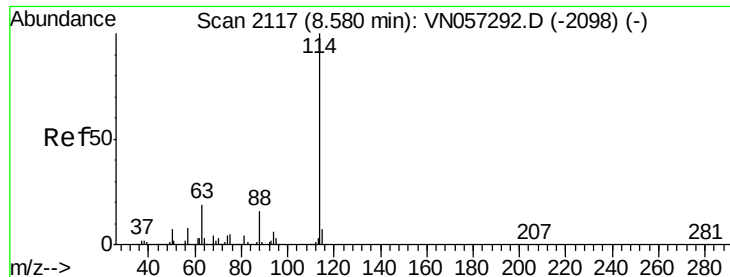
#33
1,2-Dichloroethane-d4
Concen: 42.303 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Tgt Ion: 65 Resp: 496942
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4



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

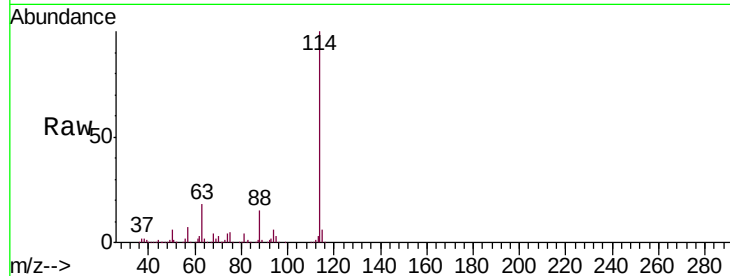




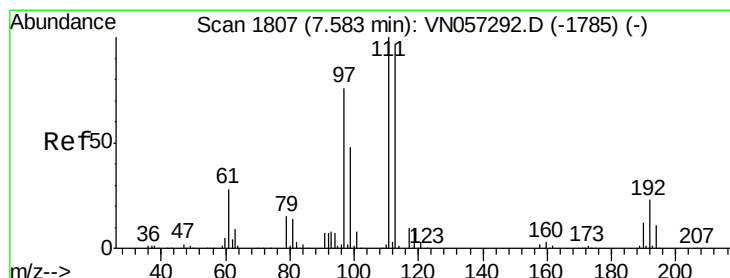
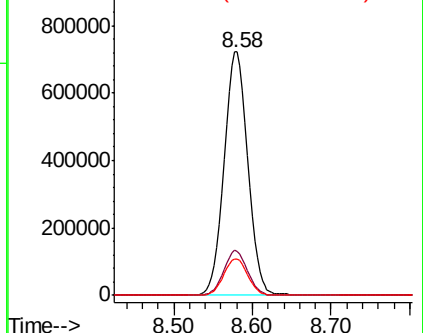
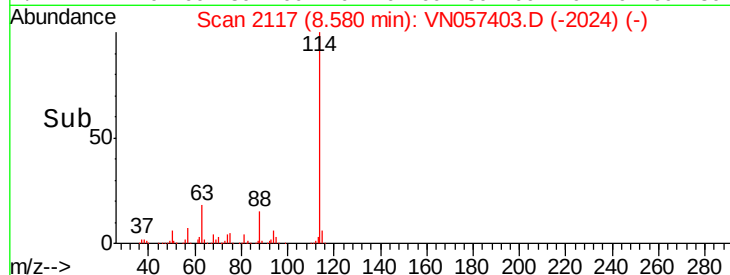
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057403.D
 Acq: 19 Aug 2019 16:20

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 SS-17_081319

Tgt Ion:114 Resp: 1501696
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.8
 88 15.1 0.0 31.4

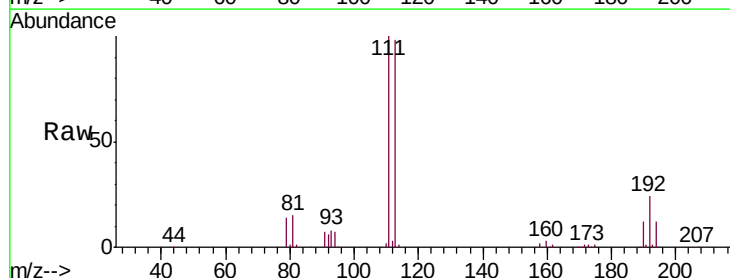


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

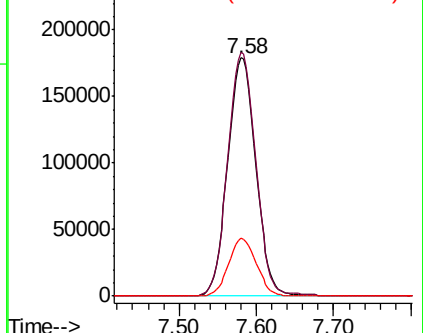
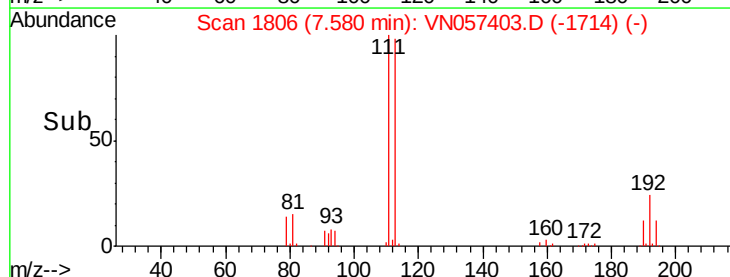


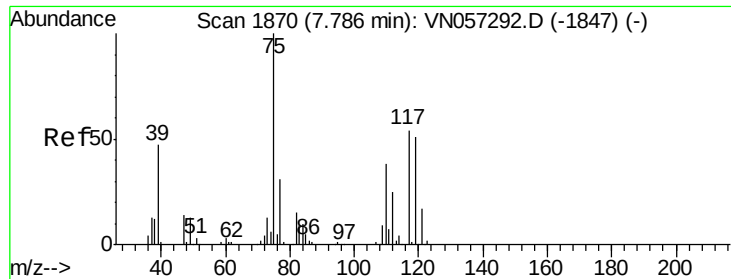
#35
 Dibromofluoromethane
 Concen: 46.007 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057403.D
 Acq: 19 Aug 2019 16:20

Tgt Ion:113 Resp: 452885
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.1 123.1
 192 23.9 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

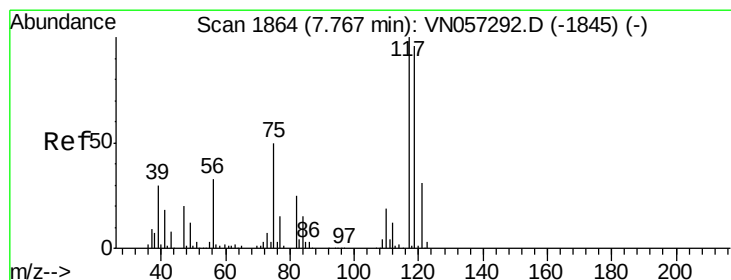
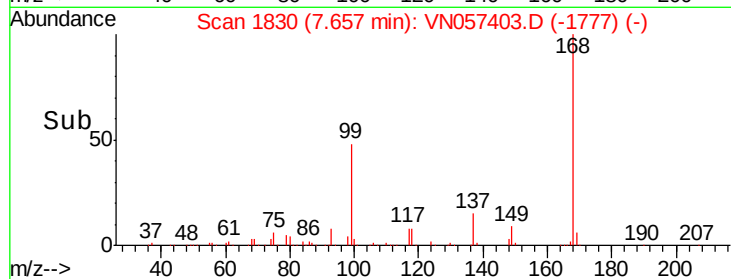
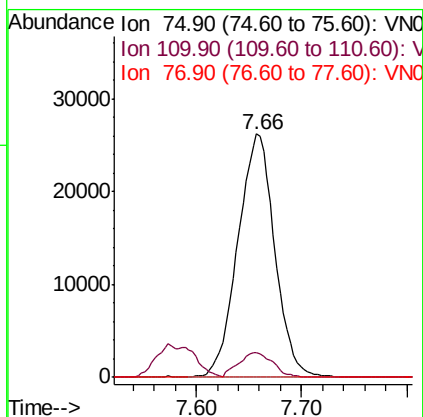
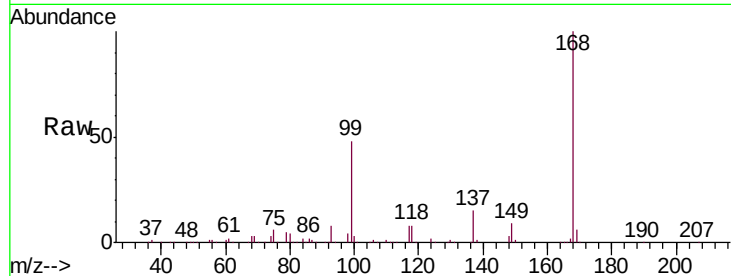




#36
 1,1-Dichloropropene
 Concen: 4.795 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057403.D
 Acq: 19 Aug 2019 16:20

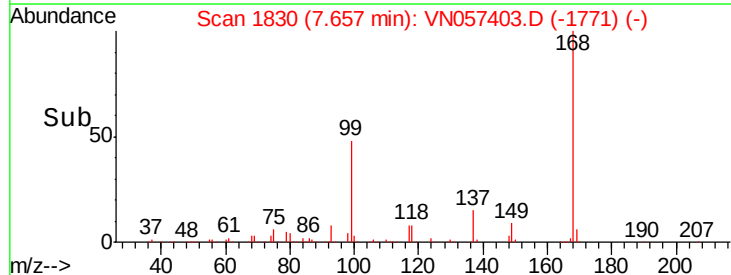
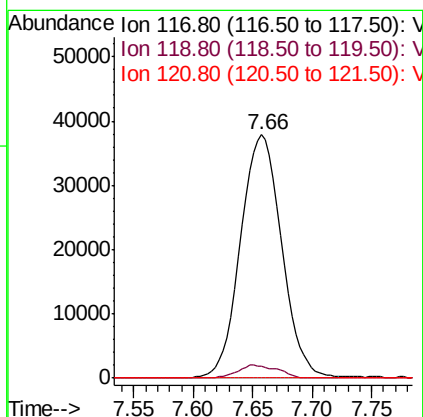
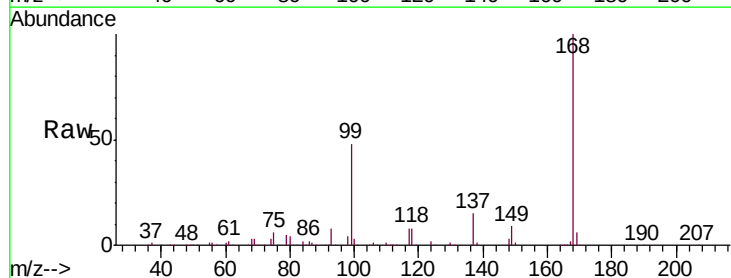
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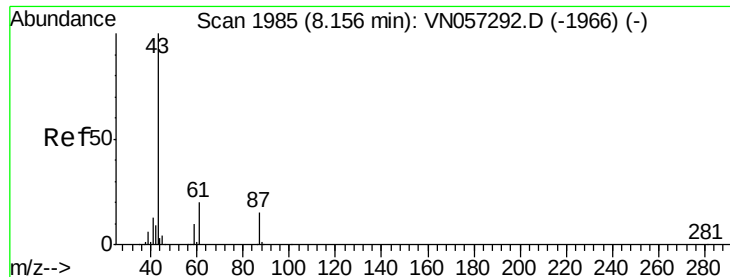
Tgt Ion: 75 Resp: 63576
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.593 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN057403.D
 Acq: 19 Aug 2019 16:20

Tgt Ion: 117 Resp: 90828
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.8 115.2#
 121 0.0 25.0 37.4#





#43

Isopropyl Acetate

Concen: 12.140 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

SS-17_081319

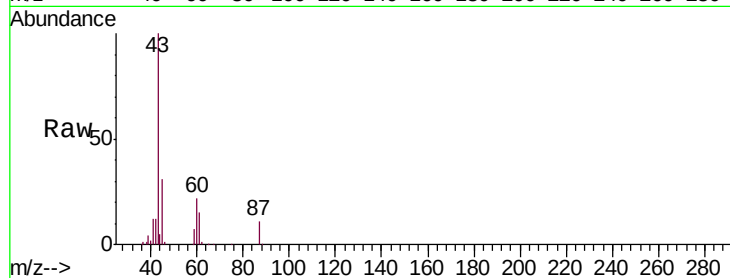
Tgt Ion: 43 Resp: 258066

Ion Ratio Lower Upper

43 100

61 13.0 21.6 32.4#

87 8.7 11.4 17.0#

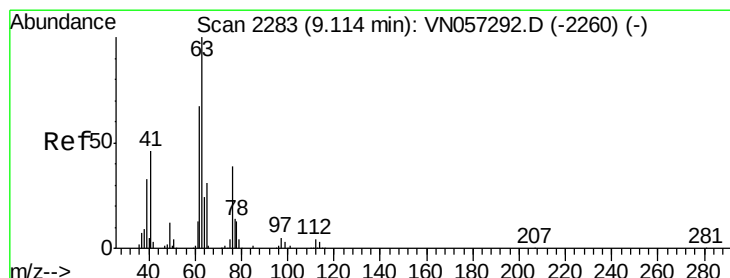
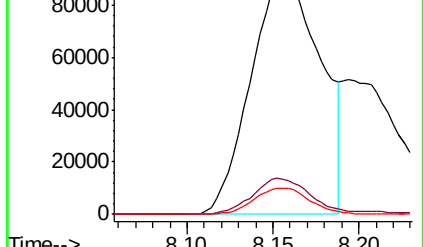
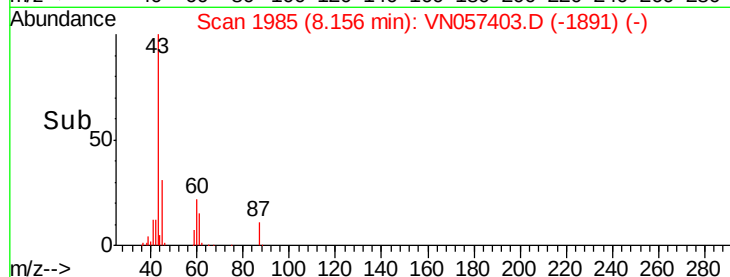


Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)

8.16



#45

1,2-Dichloropropane

Concen: 0.270 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN057403.D

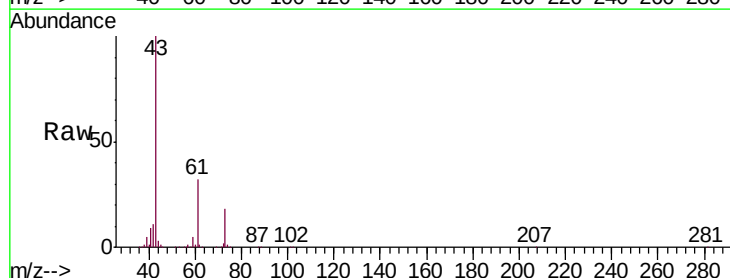
Acq: 19 Aug 2019 16:20

Tgt Ion: 63 Resp: 2821

Ion Ratio Lower Upper

63 100

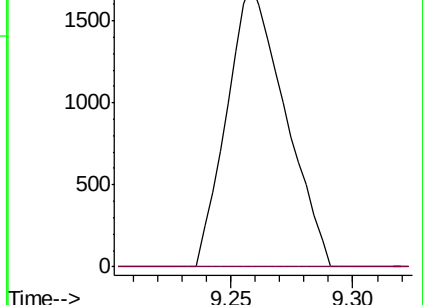
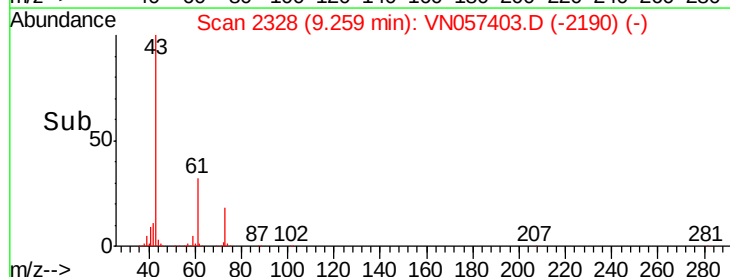
65 0.0 24.8 37.2#

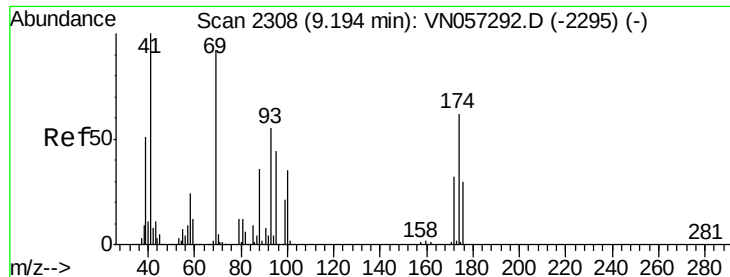


Abundance Ion 62.90 (62.60 to 63.60): VN057292.D (-2260) (-)

Ion 64.90 (64.60 to 65.60): VN057292.D (-2260) (-)

9.26

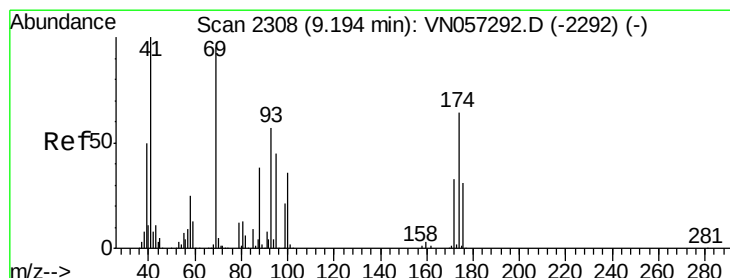
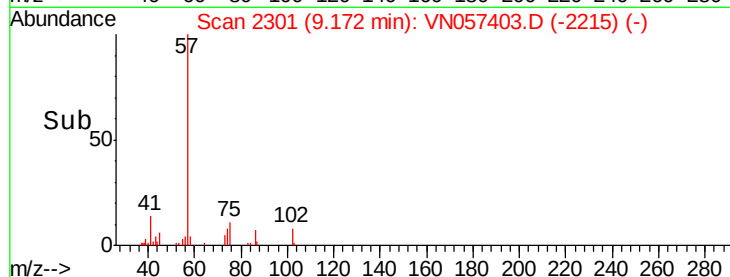
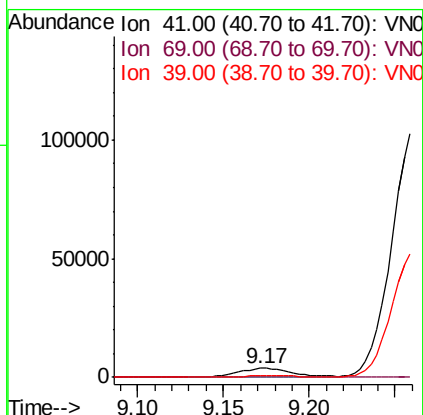
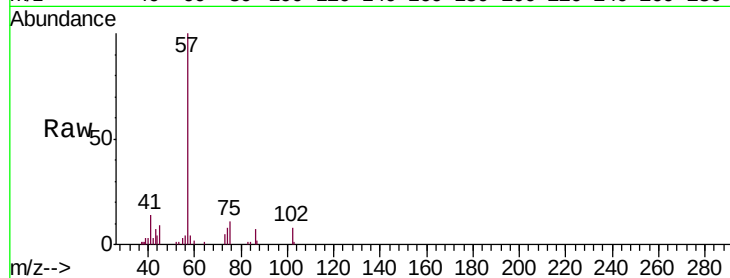




#48
Methyl methacrylate
Concen: 0.964 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

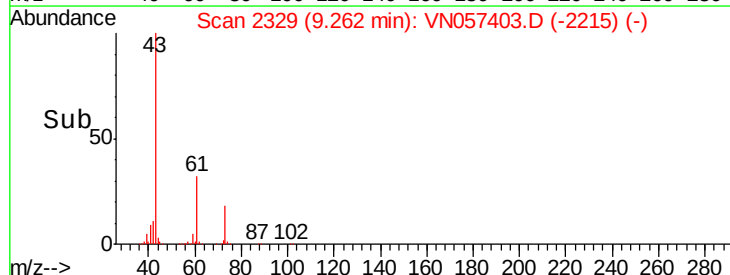
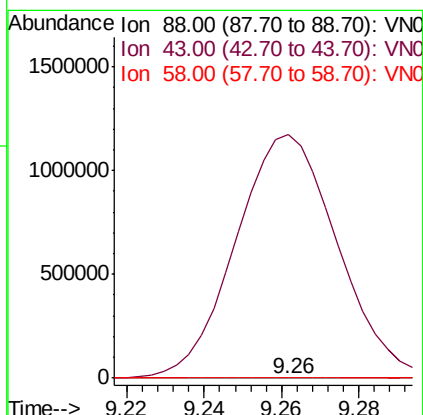
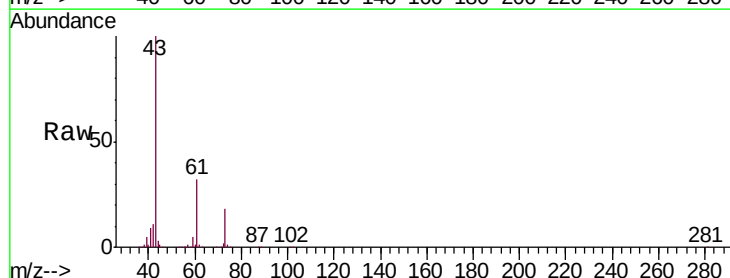
Instrument :
MSVOA_N
ClientSampleId :
SS-17_081319

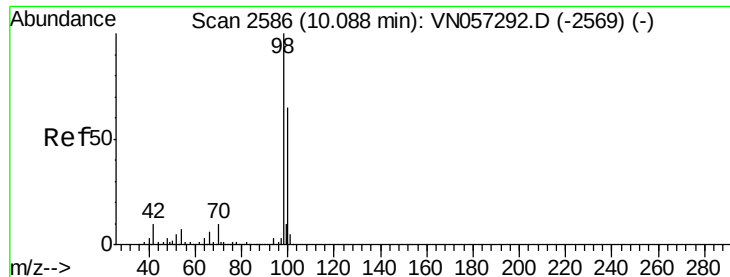
Tgt Ion: 41 Resp: 8621
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#



#49
1,4-Dioxane
Concen: 2.366 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Tgt Ion: 88 Resp: 445
Ion Ratio Lower Upper
88 100
43 487491.2 22.9 34.3#
58 2253.3 52.7 79.1#





#50

Toluene-d8

Concen: 48.461 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

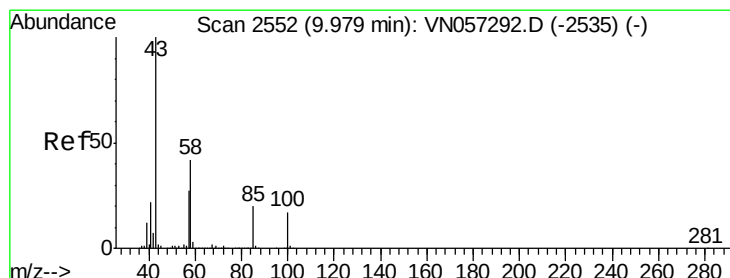
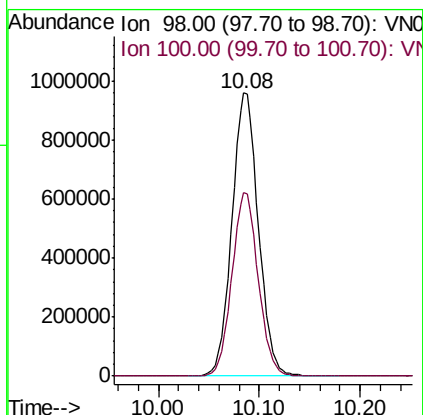
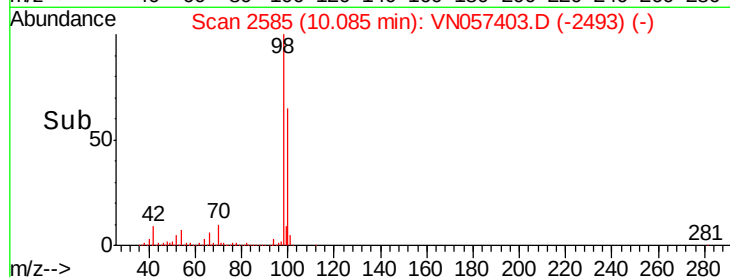
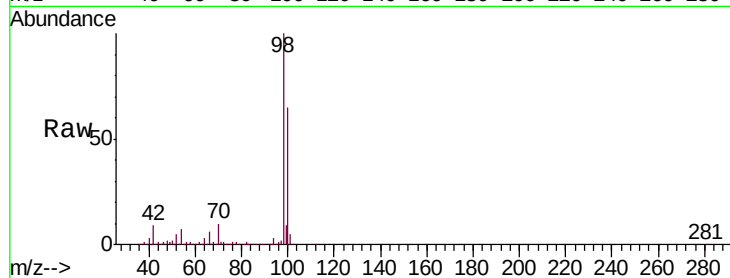
SS-17_081319

Tgt Ion: 98 Resp: 1744813

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.792 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN057403.D

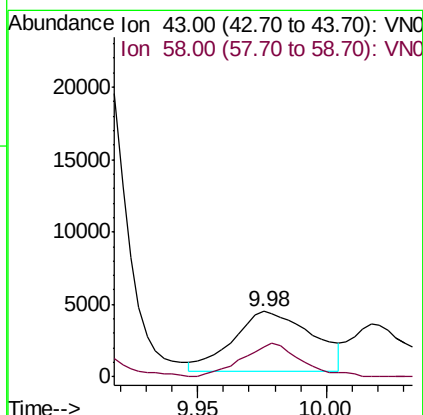
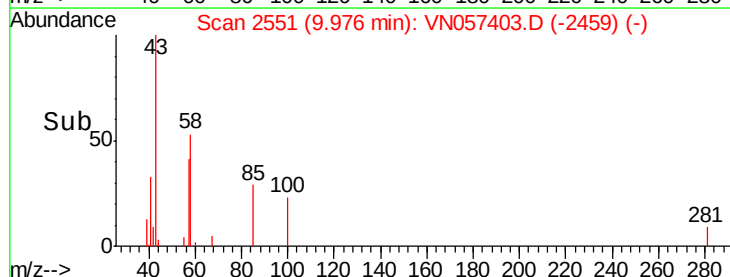
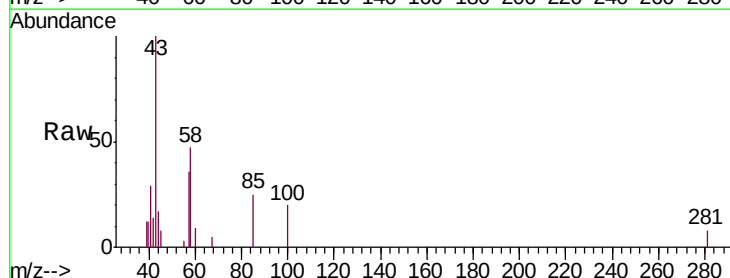
Acq: 19 Aug 2019 16:20

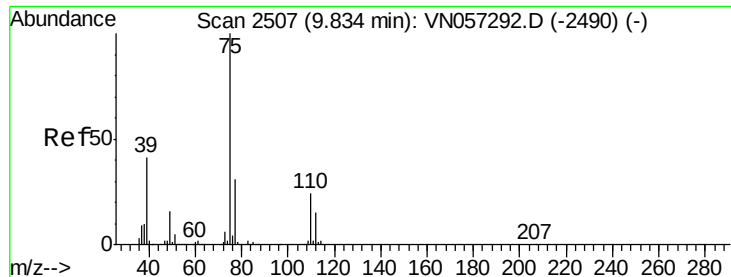
Tgt Ion: 43 Resp: 8869

Ion Ratio Lower Upper

43 100

58 42.4 33.2 49.8





#54

cis-1,3-Dichloropropene

Concen: 4.407 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

SS-17_081319

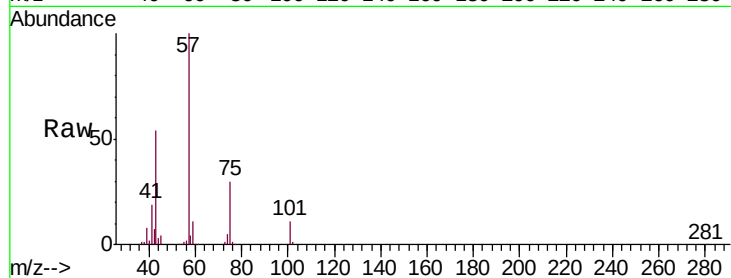
Tgt Ion: 75 Resp: 72637

Ion Ratio Lower Upper

75 100

77 0.6 24.9 37.3#

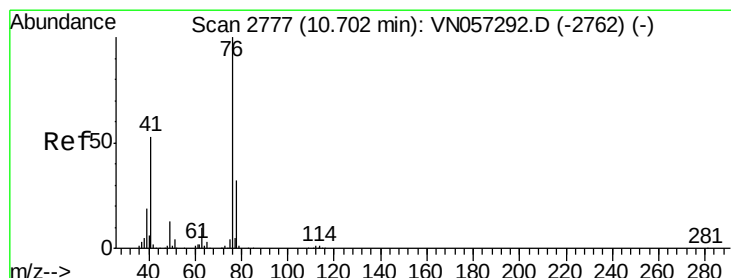
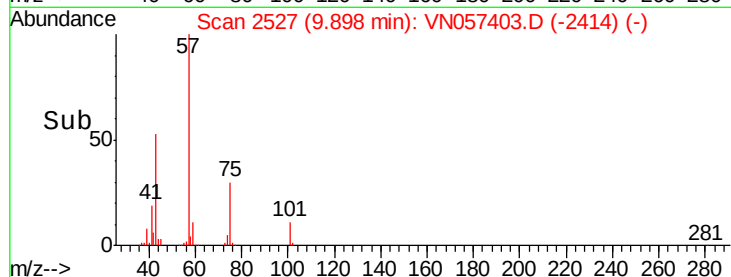
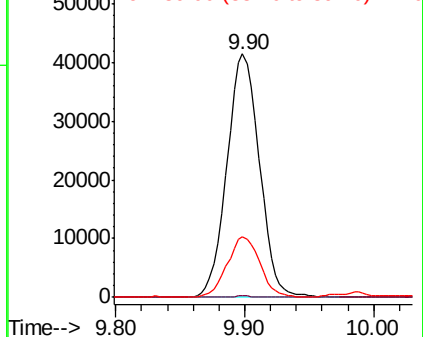
39 25.1 32.7 49.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropene

Concen: 0.671 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057403.D

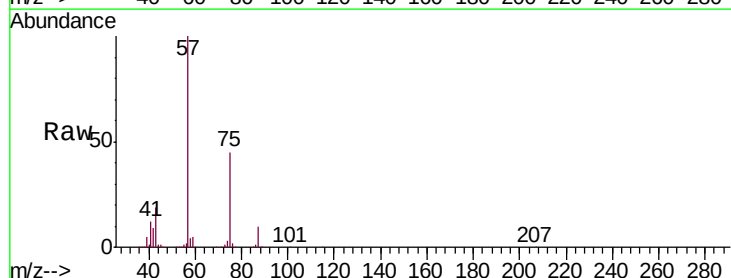
Acq: 19 Aug 2019 16:20

Tgt Ion: 76 Resp: 11134

Ion Ratio Lower Upper

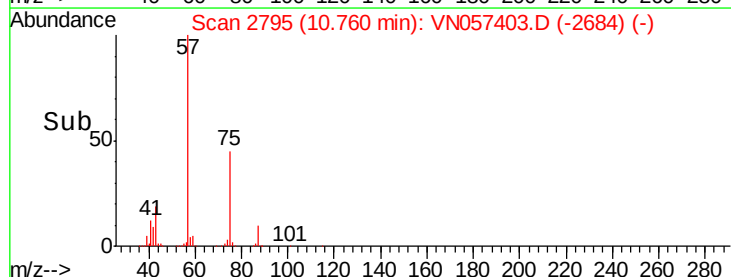
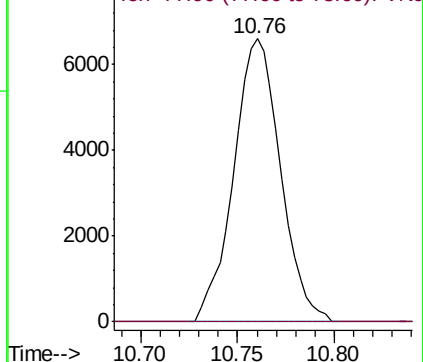
76 100

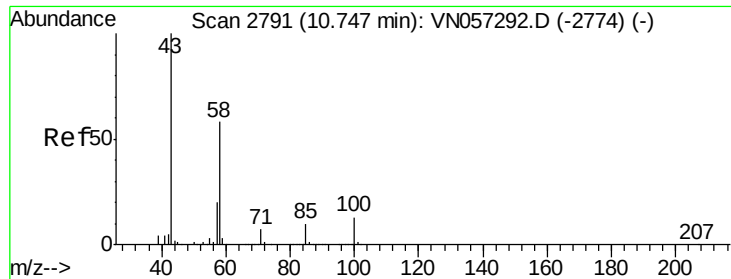
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

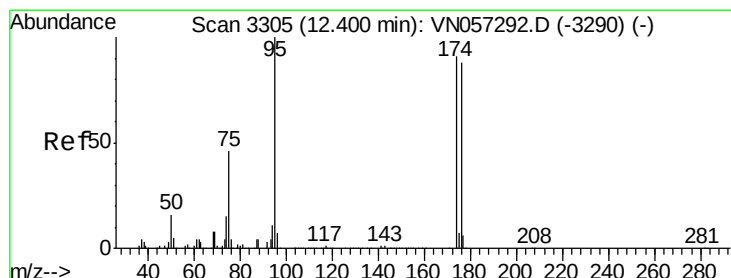
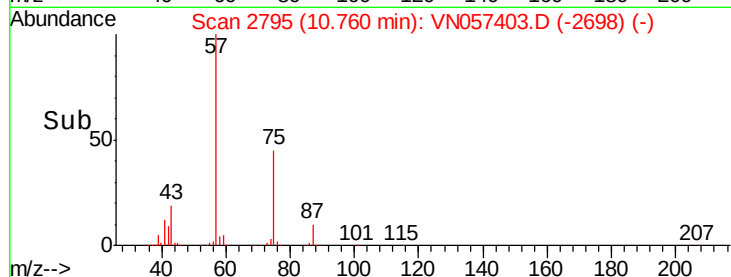
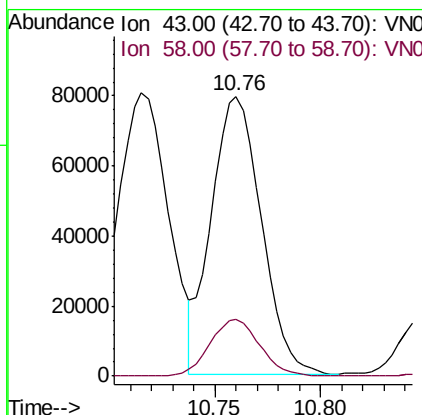
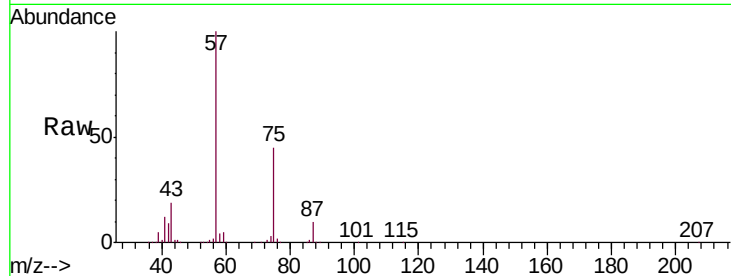




#59
2-Hexanone
Concen: 16.241 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

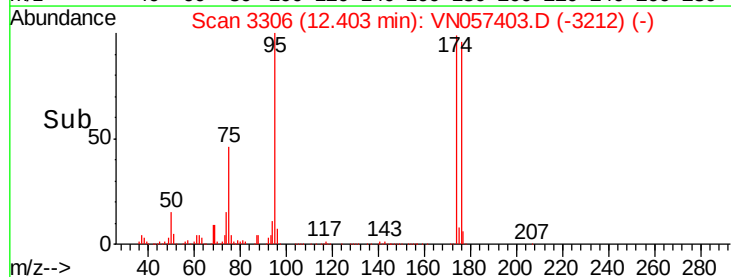
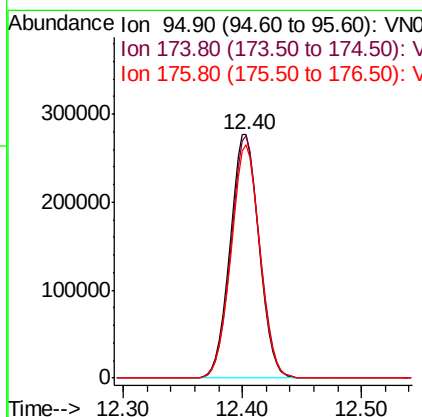
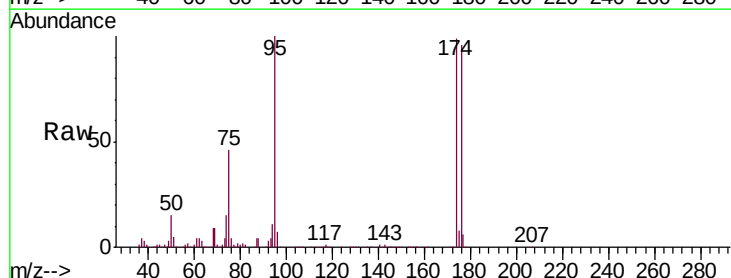
Instrument :
MSVOA_N
ClientSampleId :
SS-17_081319

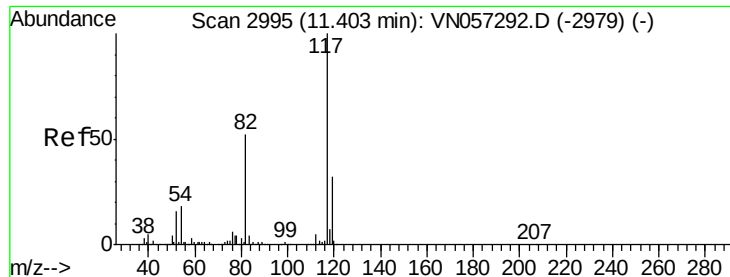
Tgt Ion: 43 Resp: 130809
Ion Ratio Lower Upper
43 100
58 20.4 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 36.568 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Tgt Ion: 95 Resp: 465281
Ion Ratio Lower Upper
95 100
174 98.1 0.0 185.0
176 95.3 0.0 181.0

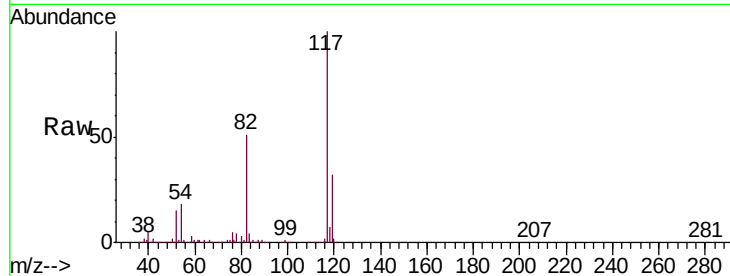




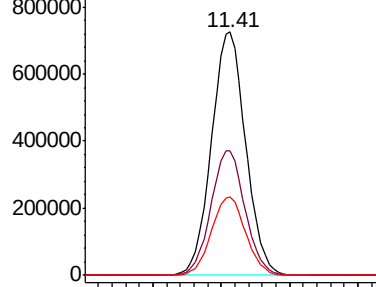
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Instrument :
MSVOA_N
ClientSampleId :
SS-17_081319

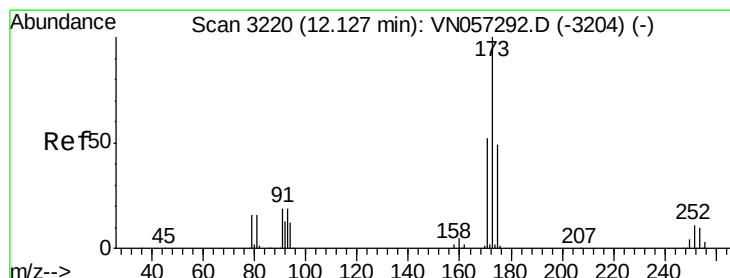
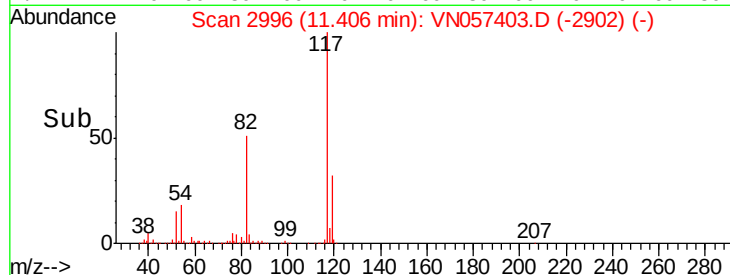
Tgt Ion:117 Resp: 1259925
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V
1000000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

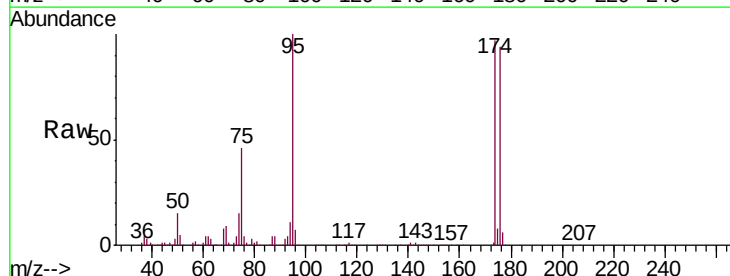


Time-->

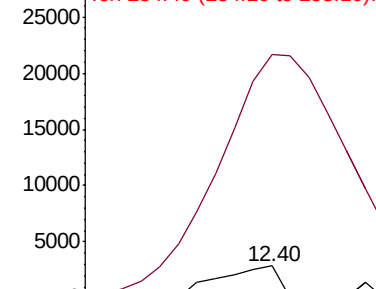


#71
Bromoform
Concen: 0.262 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

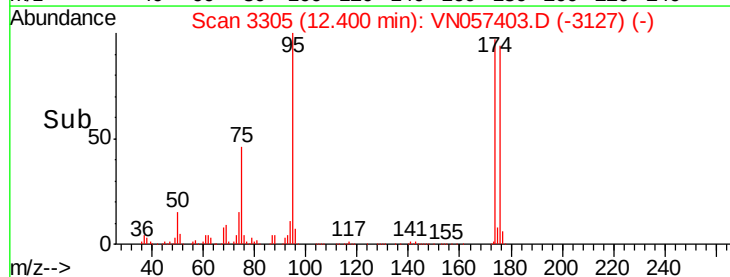
Tgt Ion:173 Resp: 2032
Ion Ratio Lower Upper
173 100
175 1482.2 24.2 72.6#
254 0.0 0.2 0.2#

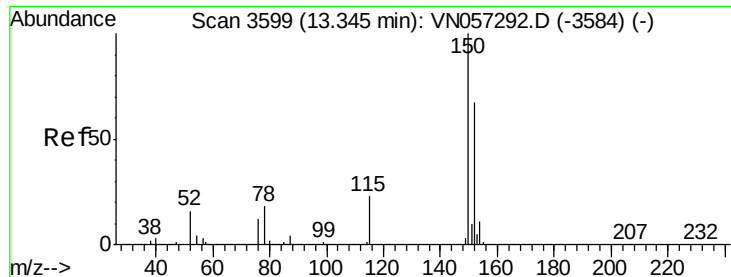


Abundance Ion 172.70 (172.40 to 173.40): V
30000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

SS-17_081319

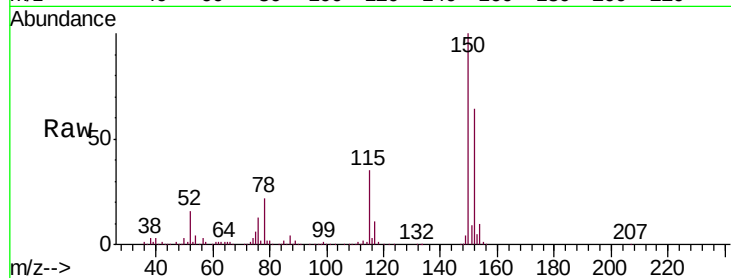
Tgt Ion:152 Resp: 345446

Ion Ratio Lower Upper

152 100

115 54.1 27.3 81.9

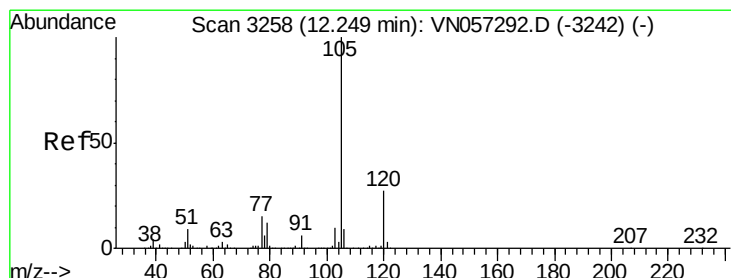
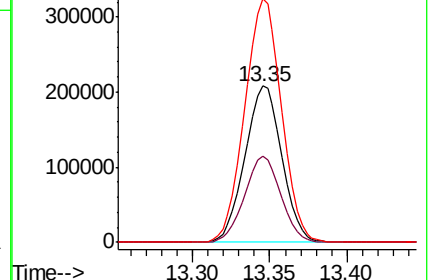
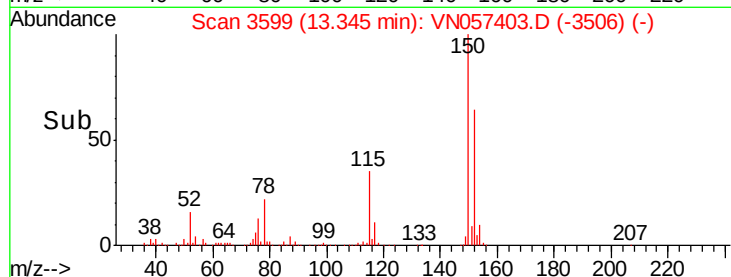
150 155.0 0.0 344.4



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: VN057403.D

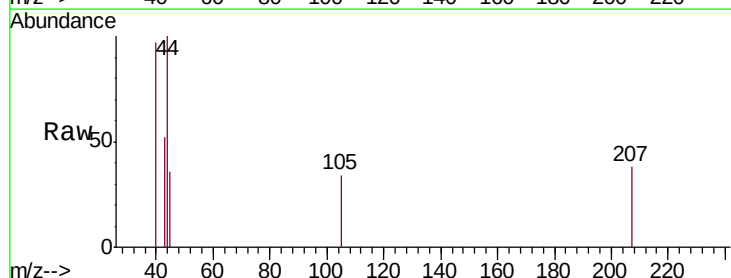
Acq: 19 Aug 2019 16:20

Tgt Ion:105 Resp: 73

Ion Ratio Lower Upper

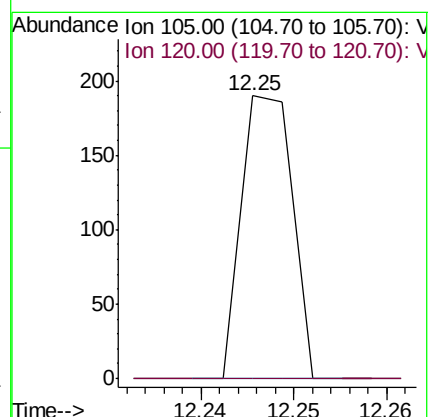
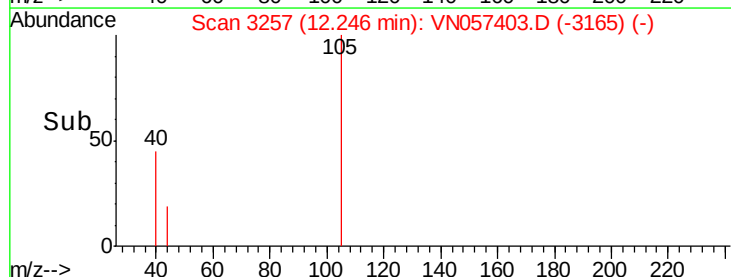
105 100

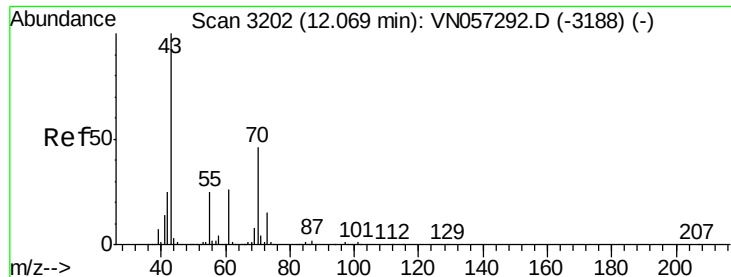
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.580 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

SS-17_081319

Tgt Ion: 43 Resp: 5813

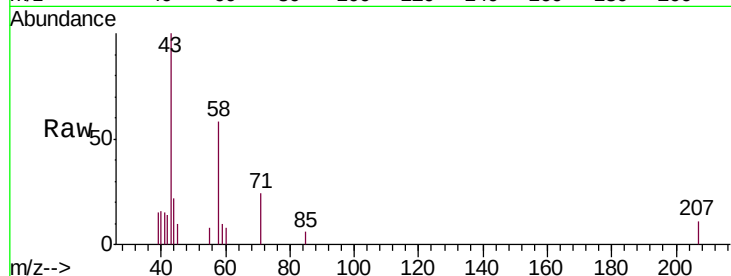
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 3.7 20.1 30.1#

61 0.0 20.9 31.3#

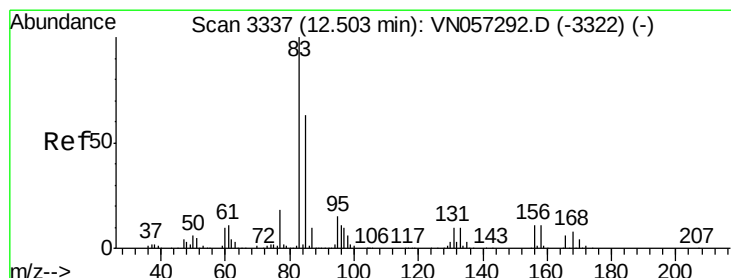
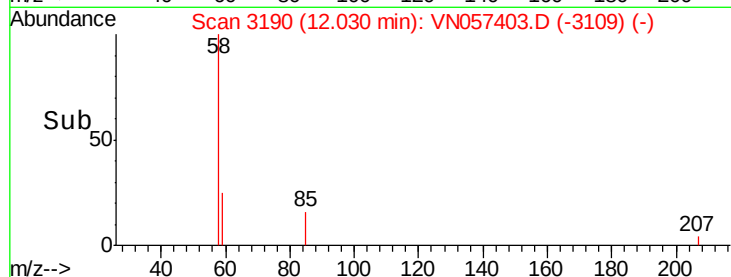
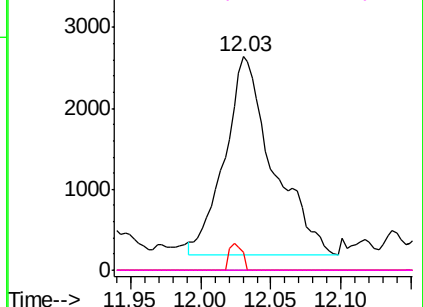


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

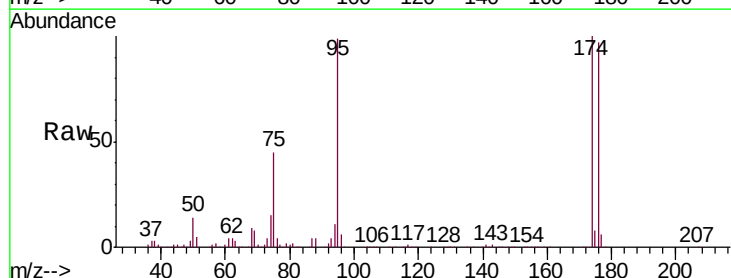
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 1858.6 5.4 16.2#

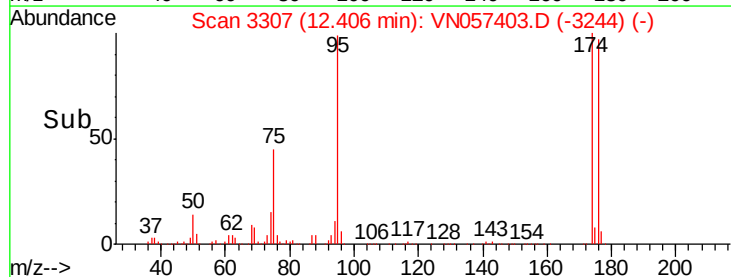
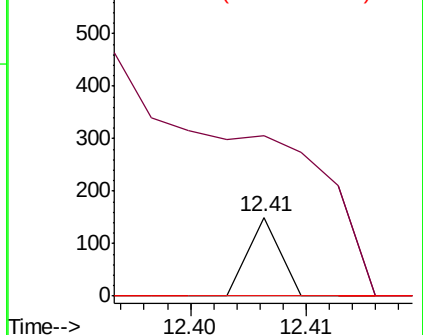
85 0.0 32.3 96.9#

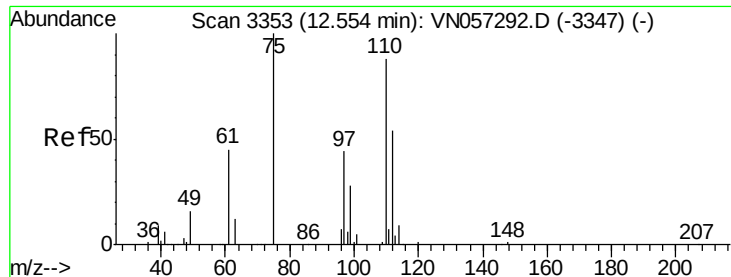


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 30.706 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

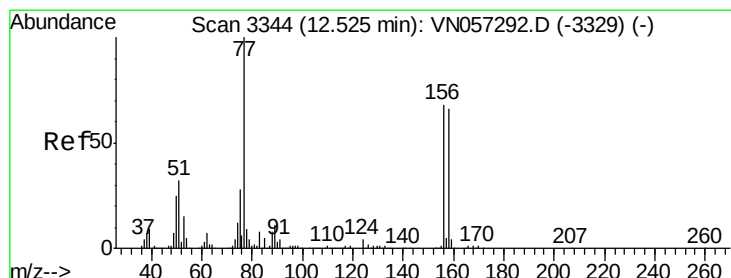
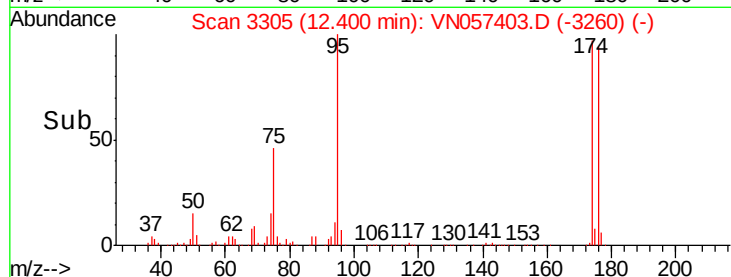
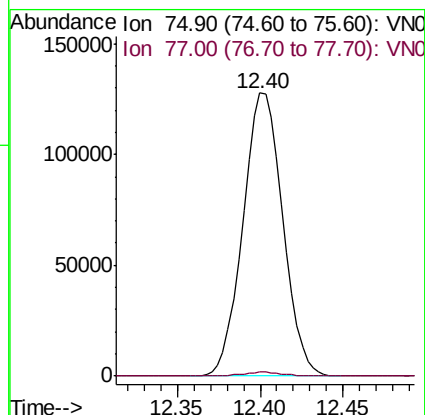
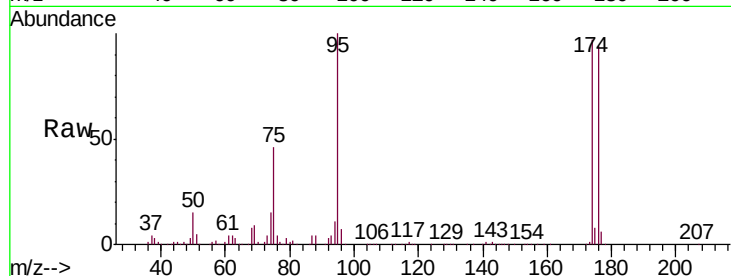
SS-17_081319

Tgt Ion: 75 Resp: 213753

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.12 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

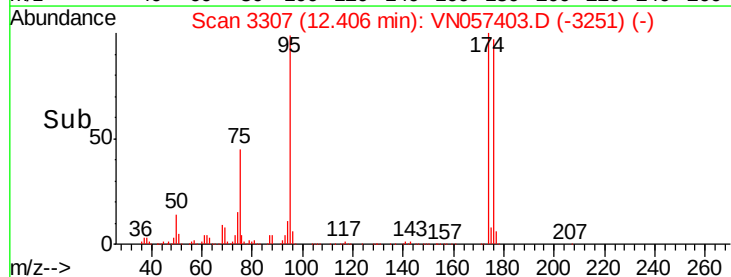
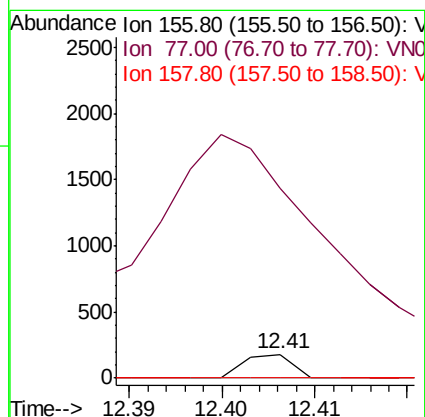
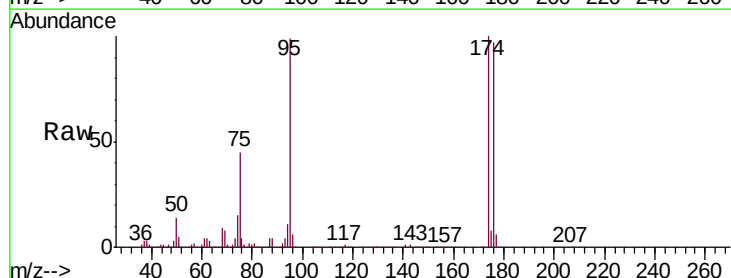
Tgt Ion: 156 Resp: 66

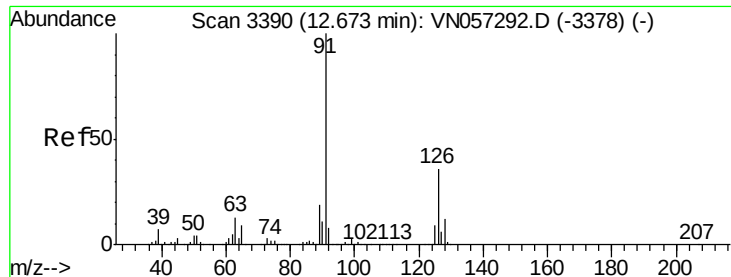
Ion Ratio Lower Upper

156 100

77 4301.5 89.8 269.6#

158 0.0 49.3 147.8#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

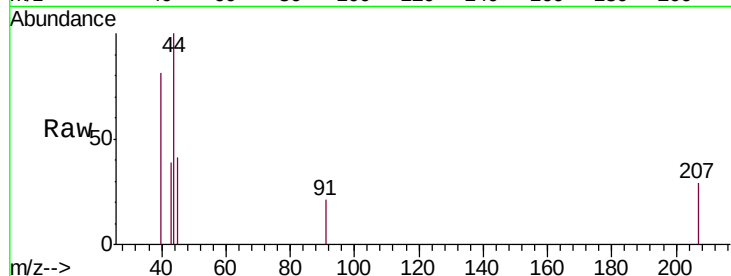
SS-17_081319

Tgt Ion: 91 Resp: 94

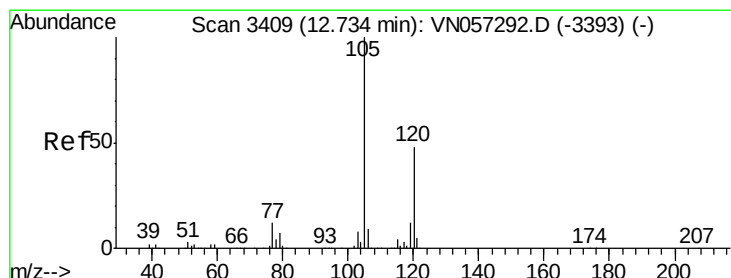
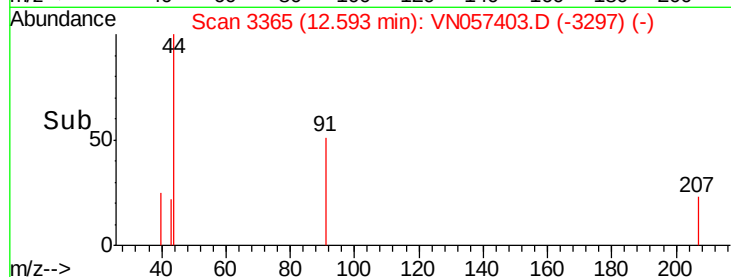
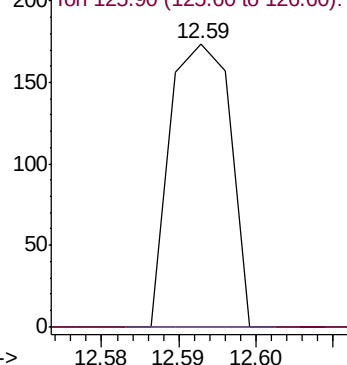
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



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



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057403.D

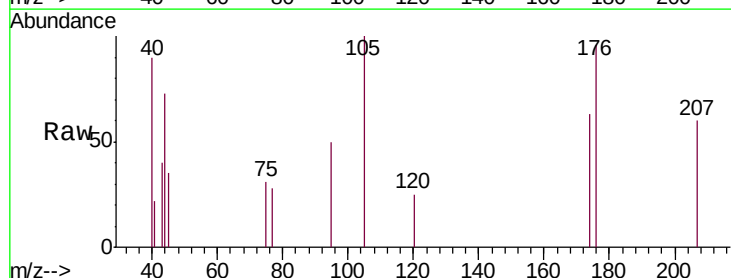
Acq: 19 Aug 2019 16:20

Tgt Ion: 105 Resp: 1216

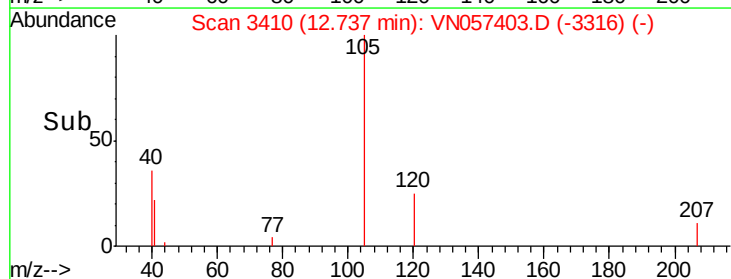
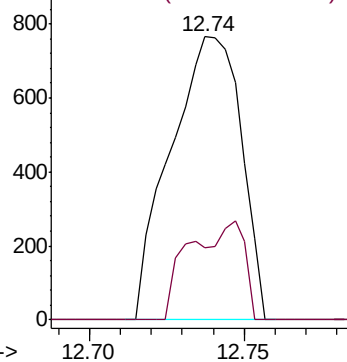
Ion Ratio Lower Upper

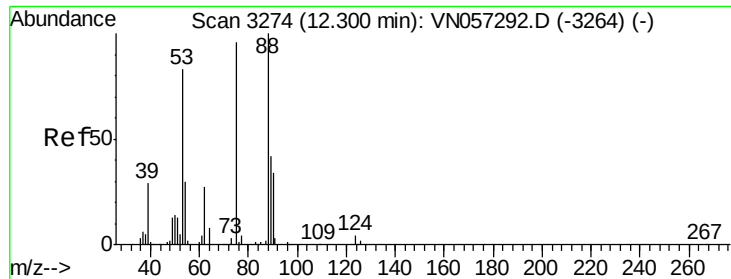
105 100

120 12.4 24.3 73.0#



Abundance Ion 105.00 (104.70 to 105.70): VN057292.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 75.452 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

SS-17_081319

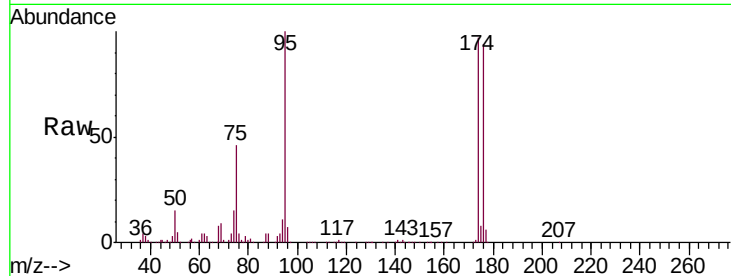
Tgt Ion: 75 Resp: 213753

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

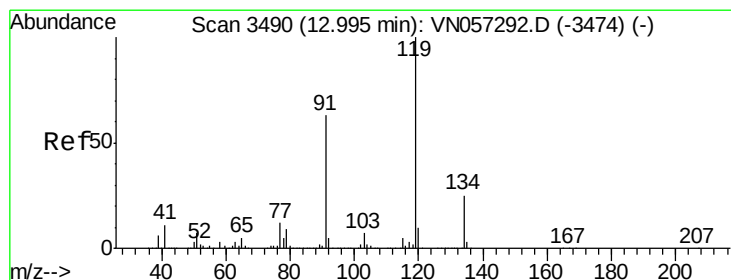
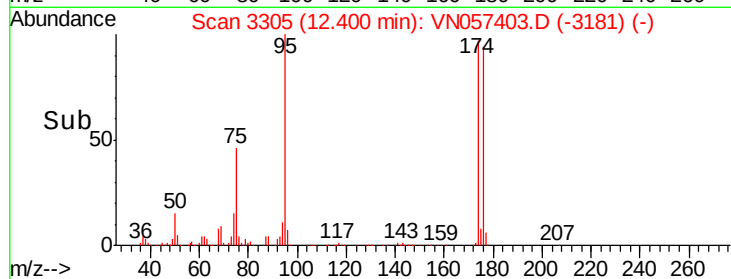
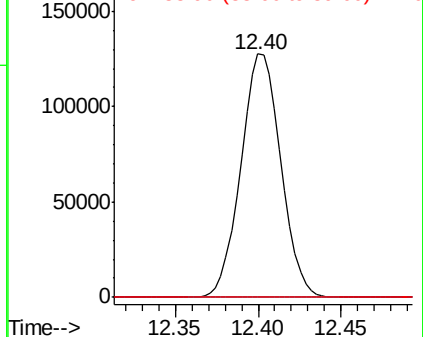
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.26 min Scan# 3573

Delta R.T. 0.27 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

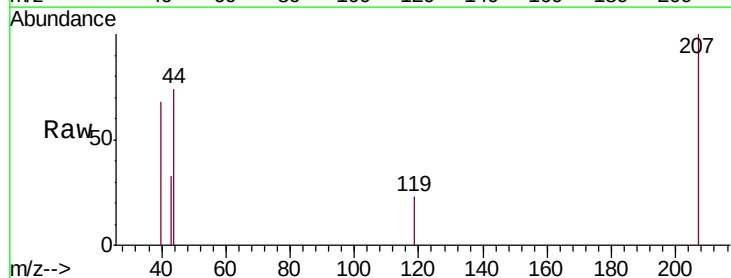
Tgt Ion: 119 Resp: 30

Ion Ratio Lower Upper

119 100

91 0.0 31.3 93.8#

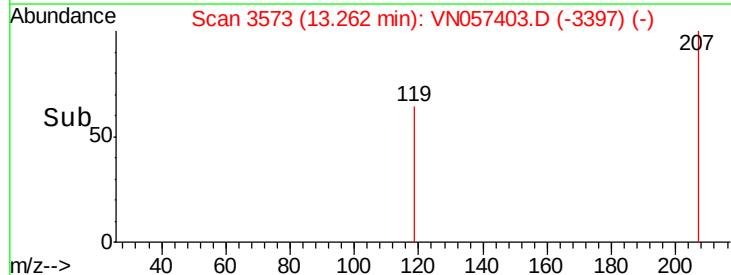
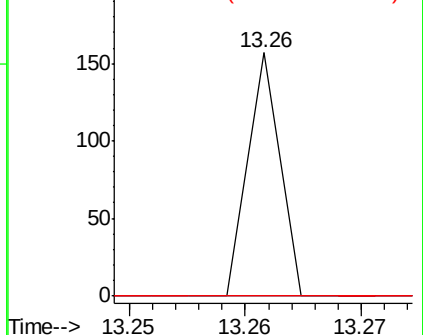
134 0.0 13.1 39.1#

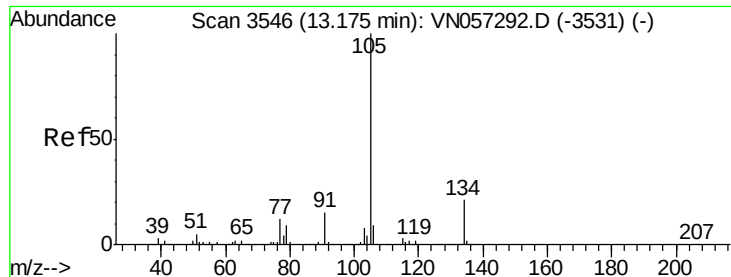


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3544

Delta R.T. -0.01 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

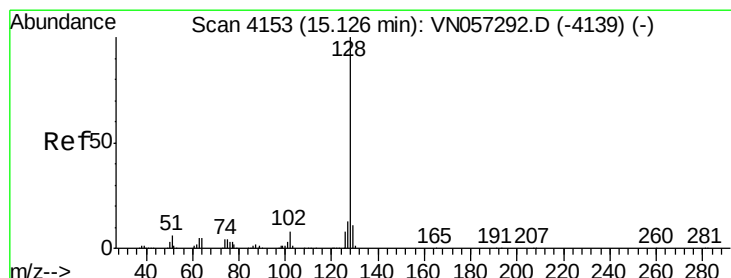
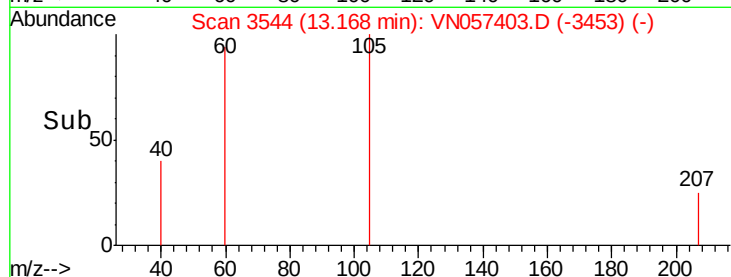
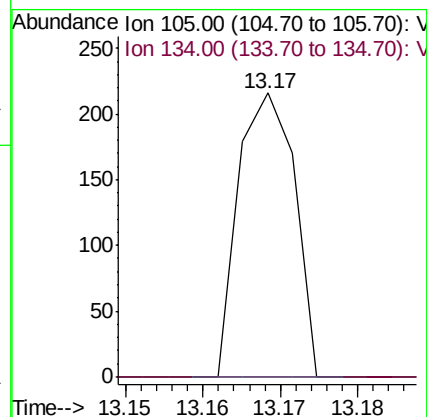
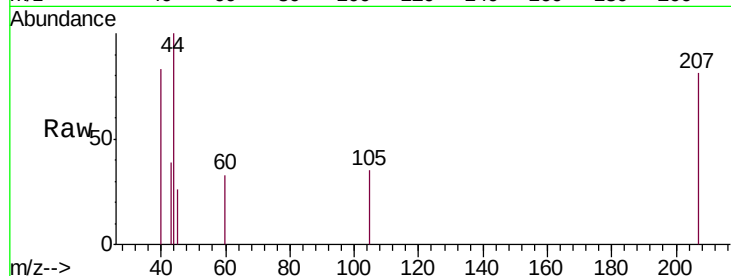
SS-17_081319

Tgt Ion:105 Resp: 109

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Tgt Ion:128 Resp: 74

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.8 13.2#

