

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
 Data File : VN059615.D
 Acq On : 16 Dec 2019 19:57
 Operator : JC/SP
 Sample : K6118-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-121319

Quant Time: Dec 17 04:55:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	234631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	378724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	348073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137836	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	171087	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
35) Dibromofluoromethane	7.57	113	120878	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	10.08	98	478717	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	157662	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	206	0.329	ug/l #	72
14) Allyl chloride	4.52	41	12100	2.395	ug/l #	23
16) Acetone	3.79	43	18637	9.194	ug/l	100
17) Carbon Disulfide	4.02	76	1136	2.009	ug/l #	75
18) Methyl Acetate	4.31	43	5582	1.314	ug/l #	74
20) Methylene Chloride	4.52	84	323845	110.620	ug/l	99
25) 2-Butanone	6.82	43	3933	1.623	ug/l	96
30) Chloroform	7.35	83	1378	0.265	ug/l	92
31) Cyclohexane	7.64	56	5816	1.167	ug/l #	11
36) 1,1-Dichloropropene	7.64	75	19565	4.954	ug/l #	50
38) Carbon Tetrachloride	7.64	117	23678	5.777	ug/l #	16
43) Isopropyl Acetate	8.14	43	66708	9.347	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	1135	0.364	ug/l #	44
48) Methyl methacrylate	9.17	41	4929	1.522	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	5501	1.293	ug/l	94
52) Toluene	10.15	92	4408	0.622	ug/l	99
54) cis-1,3-Dichloropropene	9.89	75	26471	5.348	ug/l #	66
56) Ethyl methacrylate	10.53	69	992	0.240	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	4445	0.917	ug/l #	42
59) 2-Hexanone	10.76	43	71318	21.266	ug/l #	53
67) Ethyl Benzene	11.51	91	3624	0.267	ug/l	97
68) m/p-Xylenes	11.61	106	4748	0.946	ug/l	100
69) o-Xylene	11.95	106	2556	0.535	ug/l	99
74) N-amyl acetate	12.03	43	4299	0.866	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	84688	24.819	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4828	0.527	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	84688	61.300	ug/l #	11
83) tert-Butylbenzene	13.04	119	1919	0.247	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.04	105	14190	1.559	ug/l	100
90) Hexachloroethane	13.89	117	460	0.260	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.26	75	112	1.738	ug/l #	6
95) Naphthalene	15.12	128	25367	2.727	ug/l	100

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Response via : Initial Calibration

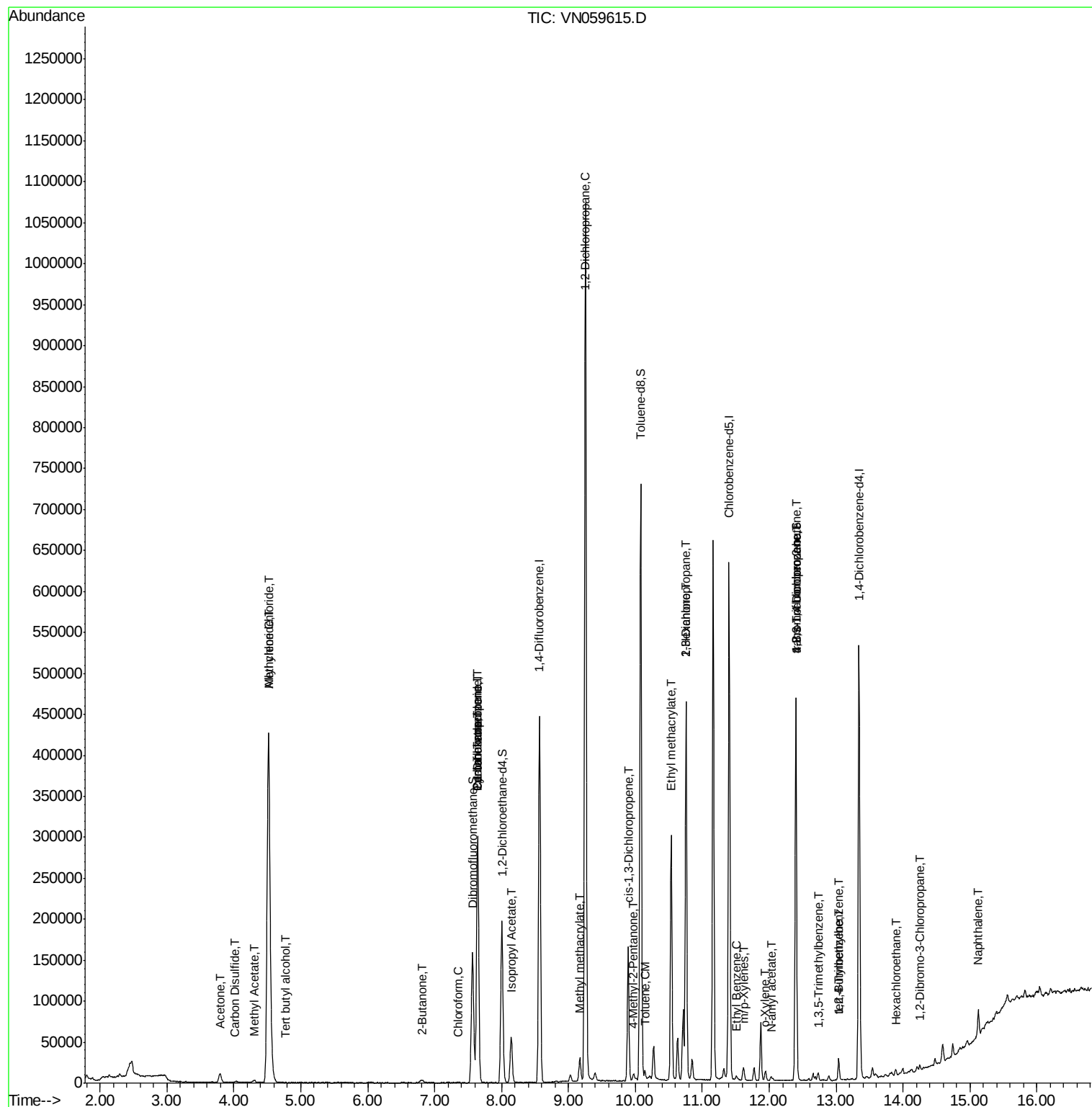
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

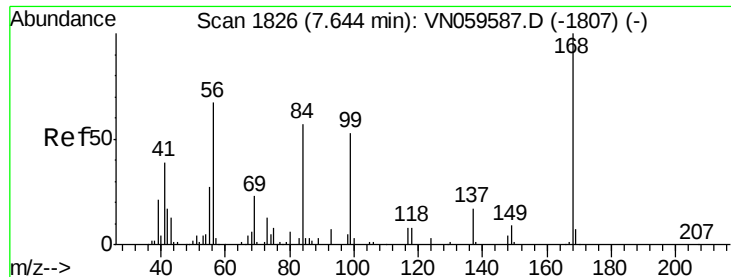
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

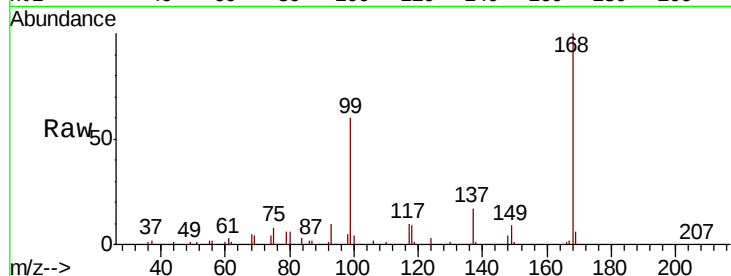
SU-03-121319

Tgt Ion:168 Resp: 234631

Ion Ratio Lower Upper

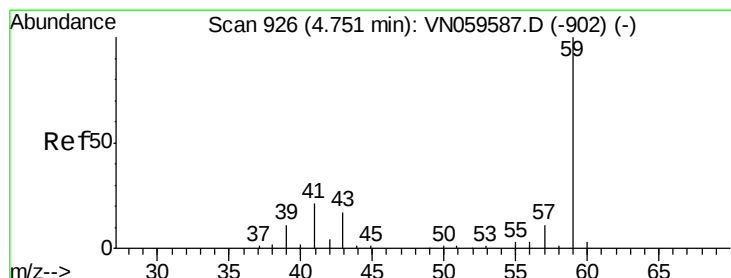
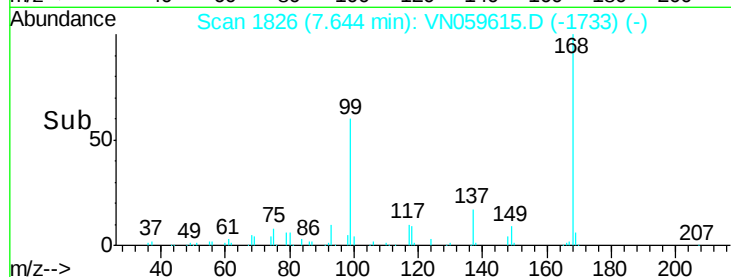
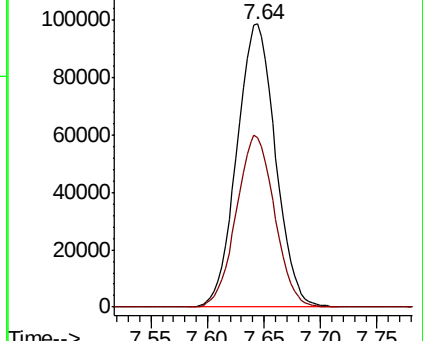
168 100

99 59.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.329 ug/l

RT: 4.76 min Scan# 929

Delta R.T. 0.01 min

Lab File: VN059615.D

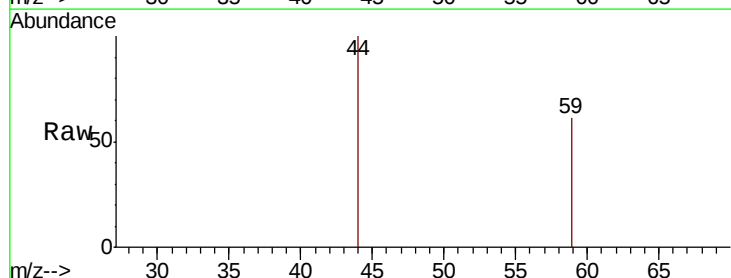
Acq: 16 Dec 2019 19:57

Tgt Ion: 59 Resp: 206

Ion Ratio Lower Upper

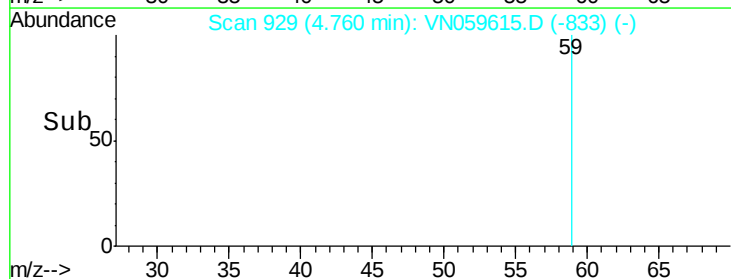
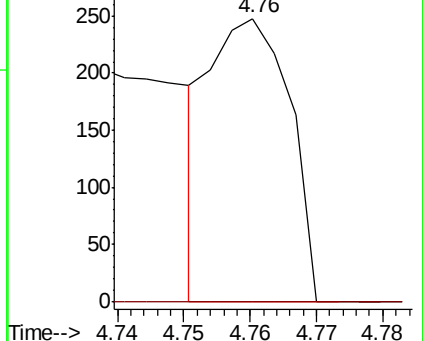
59 100

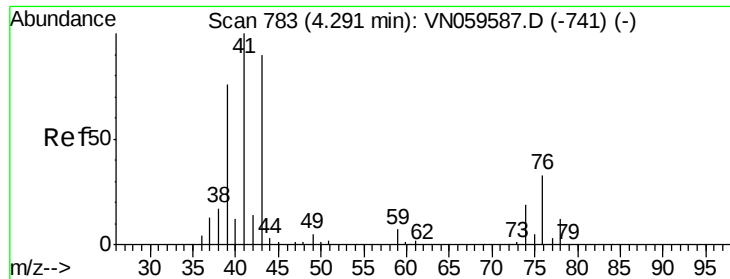
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

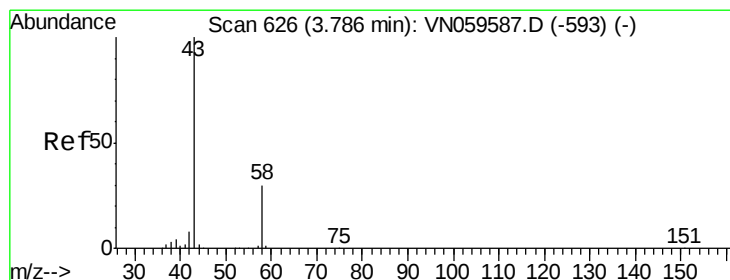
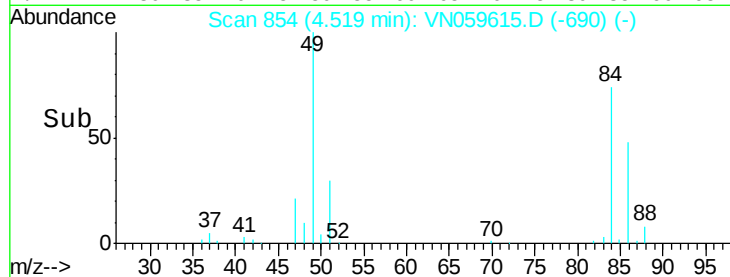
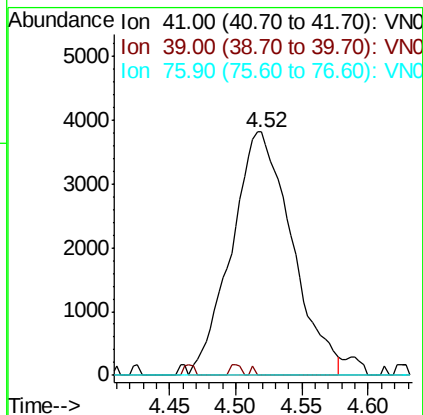
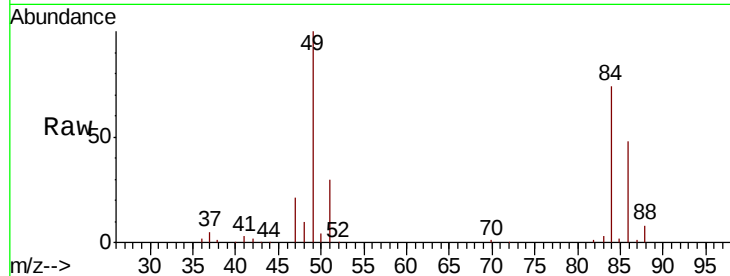




#14
 Allyl chloride
 Concen: 2.395 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. 0.23 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

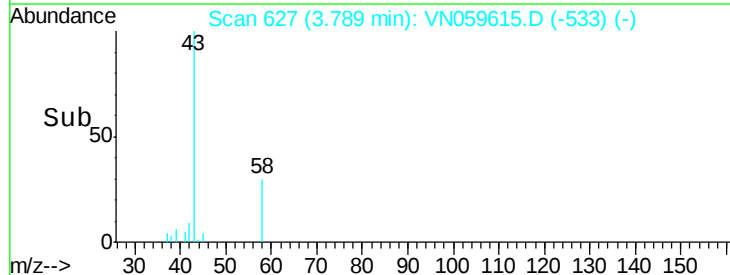
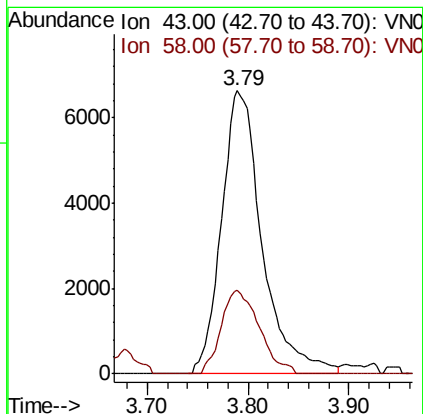
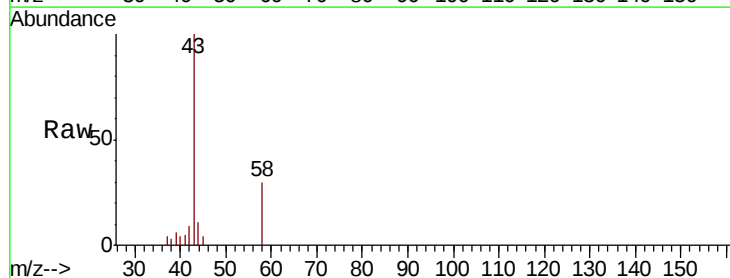
Instrument :
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 SU-03-121319

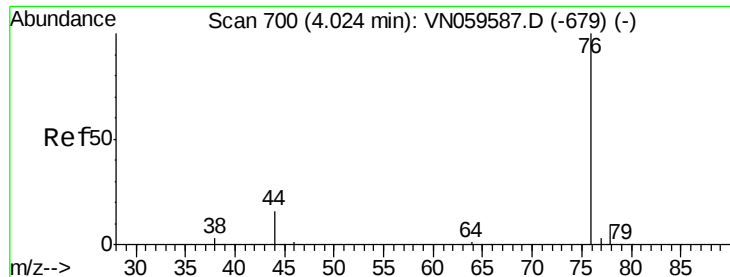
Tgt Ion: 41 Resp: 12100
 Ion Ratio Lower Upper
 41 100
 39 0.2 57.8 86.8#
 76 0.0 25.4 38.0#



#16
 Acetone
 Concen: 9.194 ug/l
 RT: 3.79 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

Tgt Ion: 43 Resp: 18637
 Ion Ratio Lower Upper
 43 100
 58 29.6 23.6 35.4

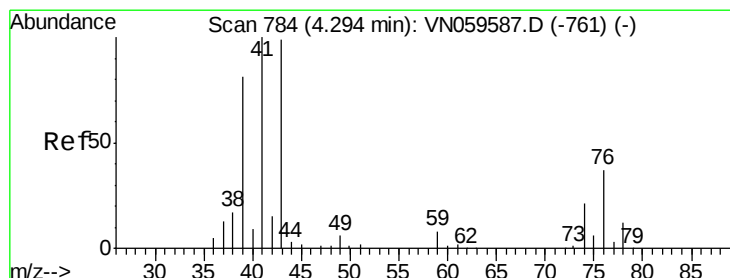
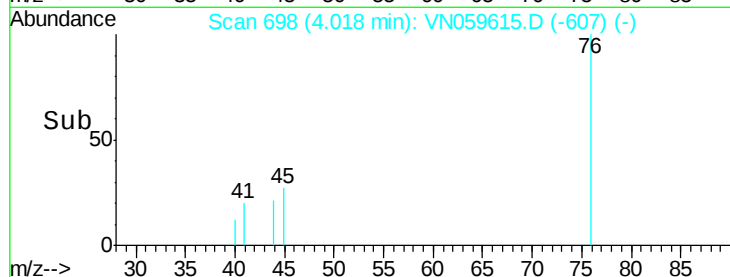
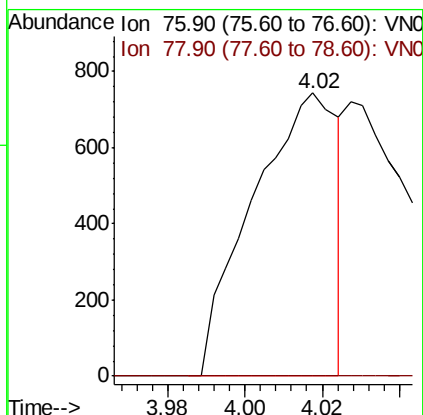
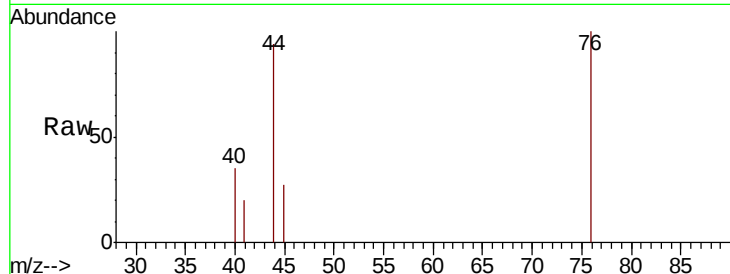




#17
Carbon Disulfide
Concen: 2.009 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.01 min
Lab File: VN059615.D
Acq: 16 Dec 2019 19:57

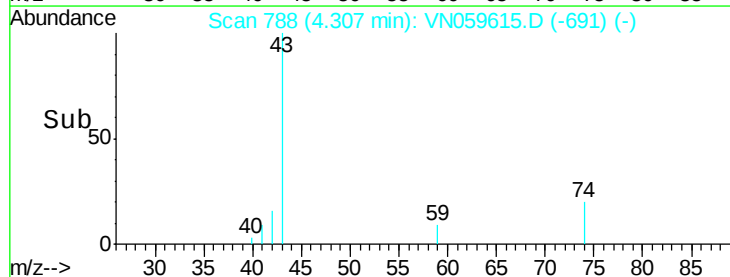
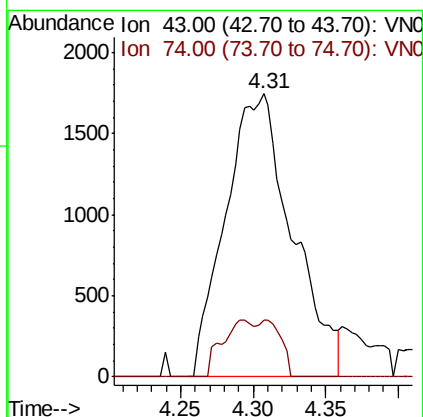
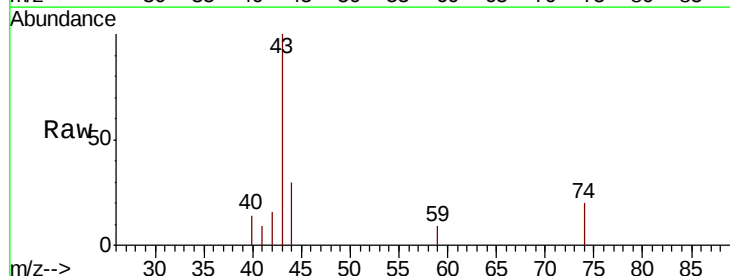
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MSVOA_N
ClientSampleId :
SU-03-121319

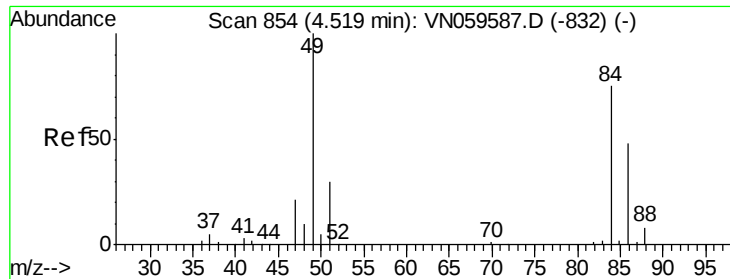
Tgt Ion: 76 Resp: 1136
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 1.314 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN059615.D
Acq: 16 Dec 2019 19:57

Tgt Ion: 43 Resp: 5582
Ion Ratio Lower Upper
43 100
74 9.4 17.5 26.3#

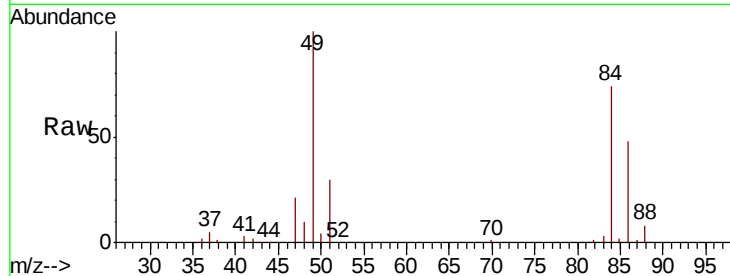




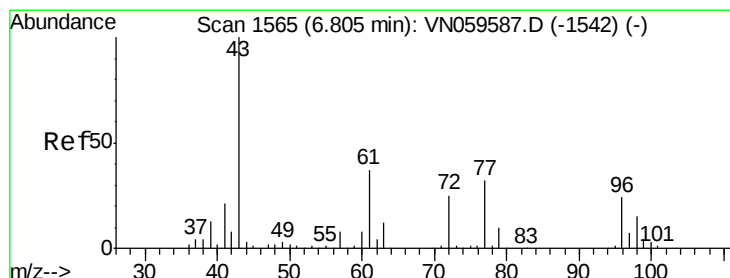
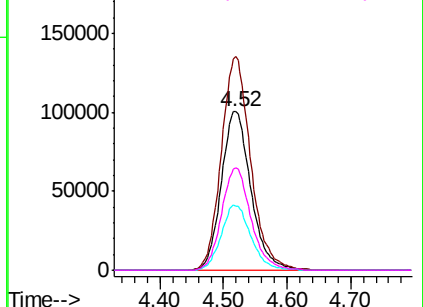
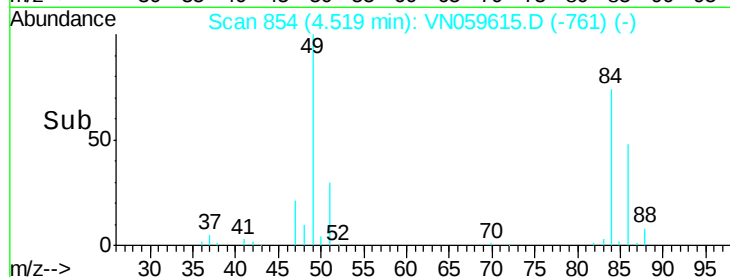
#20
Methylene Chloride
Concen: 110.620 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059615.D
Acq: 16 Dec 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
SU-03-121319

Tgt Ion: 84 Resp: 323845
Ion Ratio Lower Upper
84 100
49 134.7 106.6 160.0
51 40.7 31.9 47.9
86 64.8 50.8 76.2

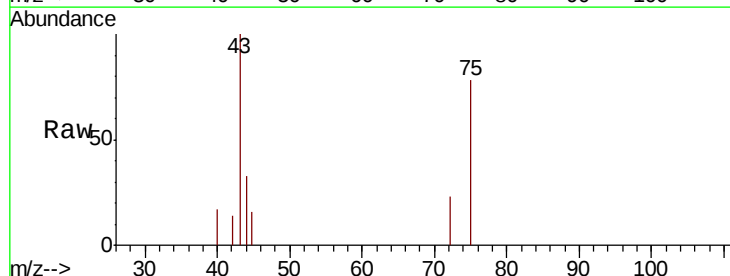


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

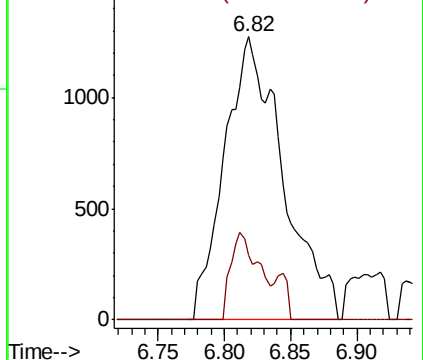
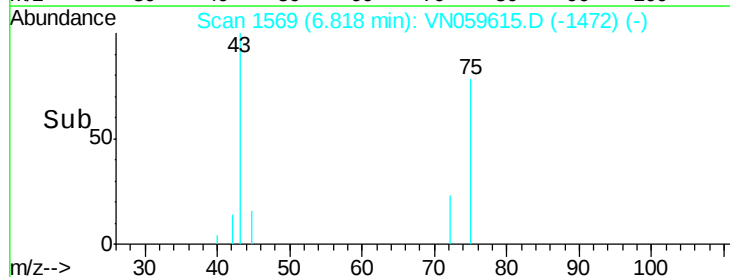


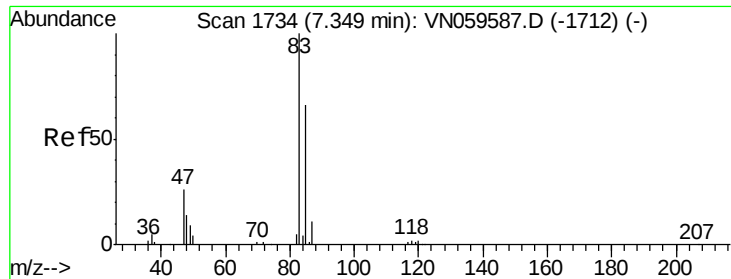
#25
2-Butanone
Concen: 1.623 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059615.D
Acq: 16 Dec 2019 19:57

Tgt Ion: 43 Resp: 3933
Ion Ratio Lower Upper
43 100
72 22.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

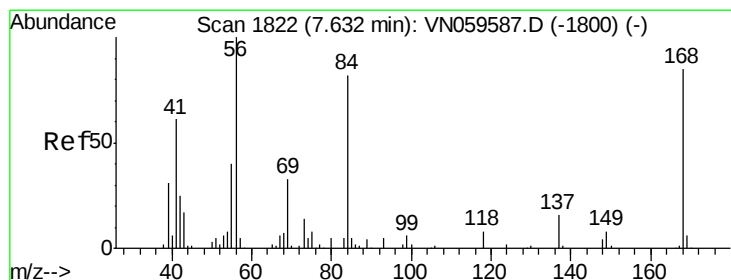
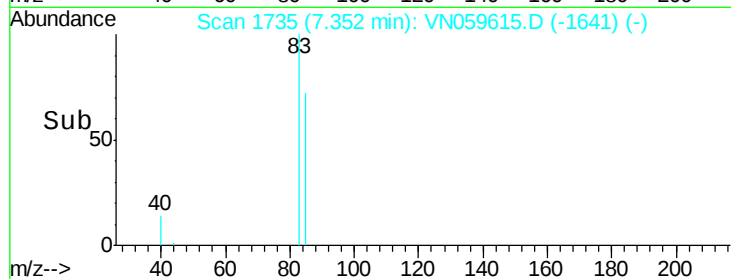
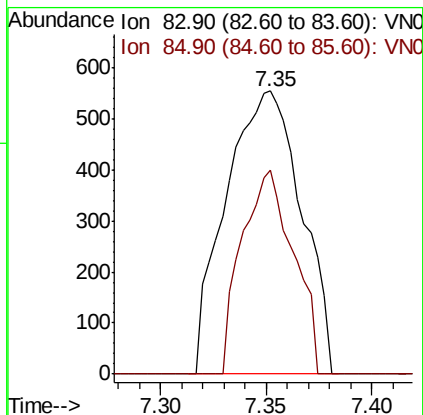
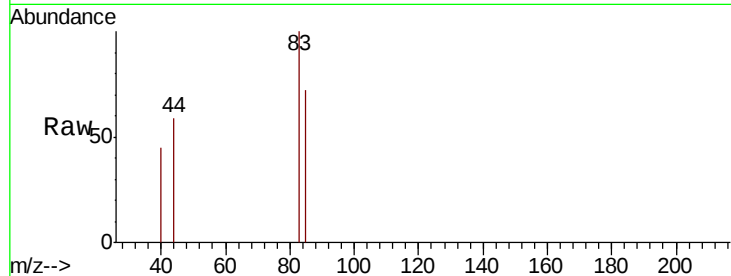




#30
Chloroform
Concen: 0.265 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059615.D
Acq: 16 Dec 2019 19:57

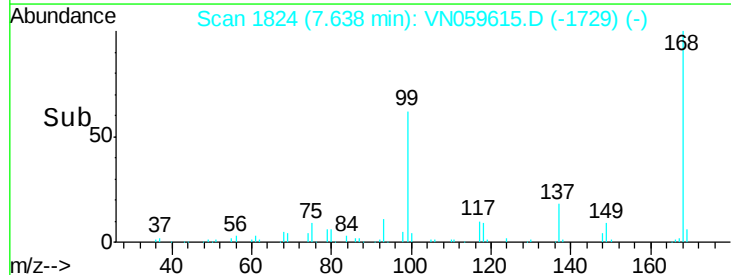
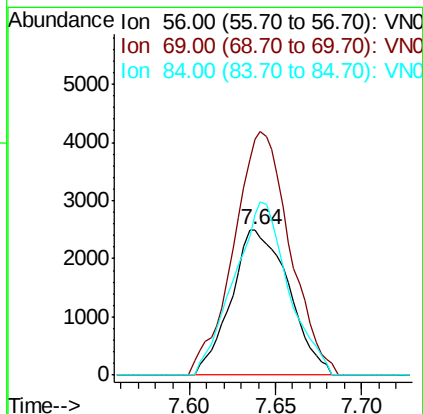
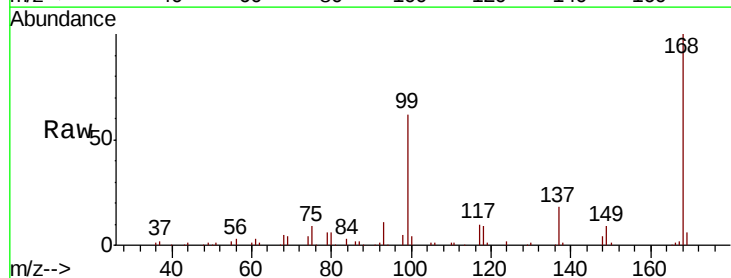
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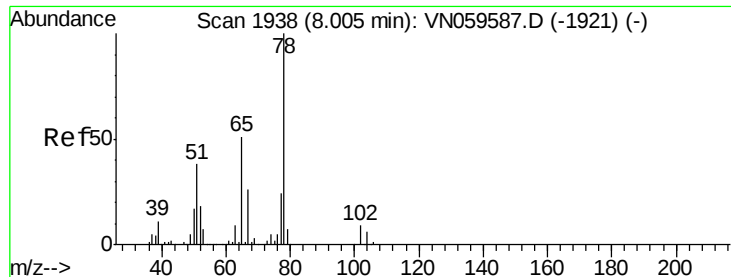
Tgt Ion: 83 Resp: 1378
Ion Ratio Lower Upper
83 100
85 72.1 52.4 78.6



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN059615.D
Acq: 16 Dec 2019 19:57

Tgt Ion: 56 Resp: 5816
Ion Ratio Lower Upper
56 100
69 162.7 26.5 39.7#
84 110.3 65.3 97.9#

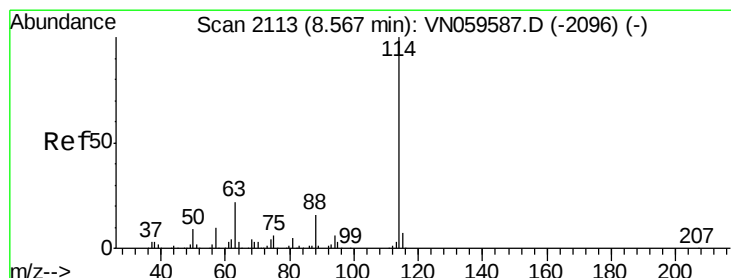
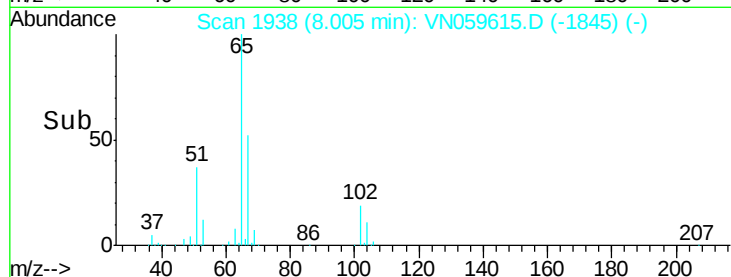
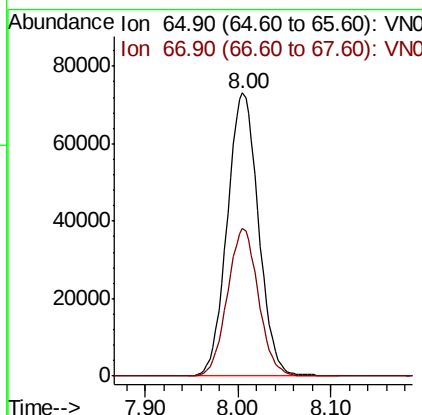
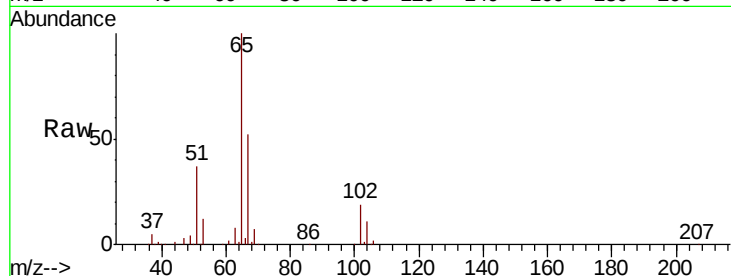




#33
 1,2-Dichloroethane-d4
 Concen: 50.110 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

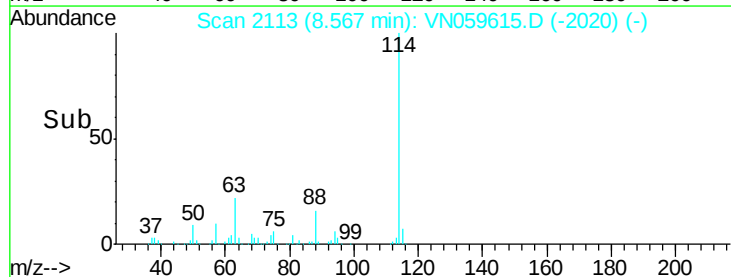
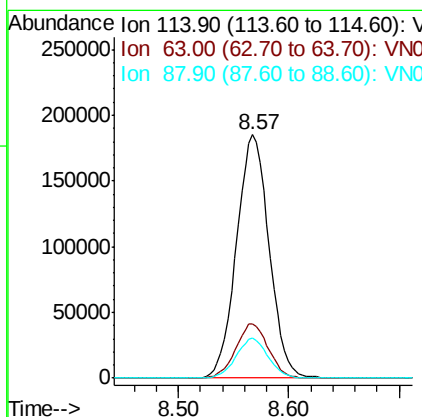
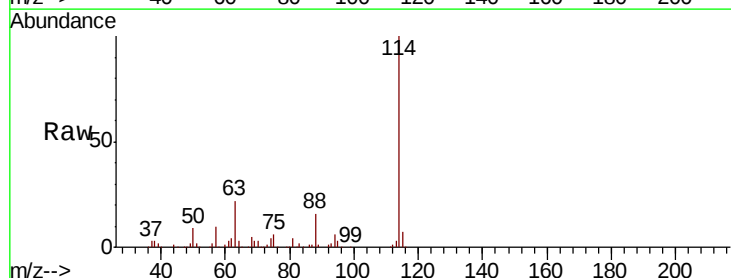
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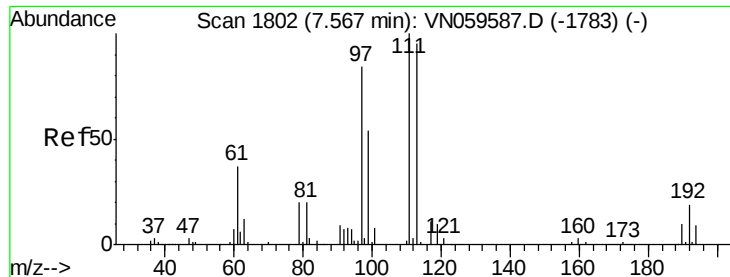
Tgt Ion: 65 Resp: 171087
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

Tgt Ion: 114 Resp: 378724
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.6
 88 16.2 0.0 31.4

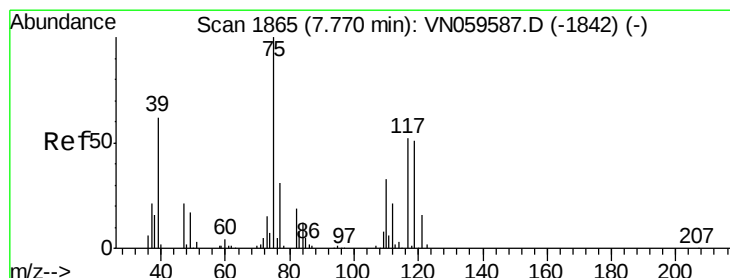
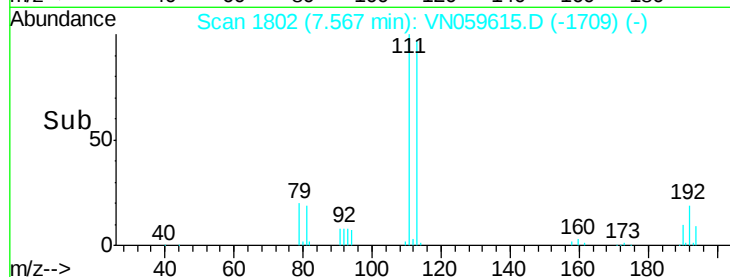
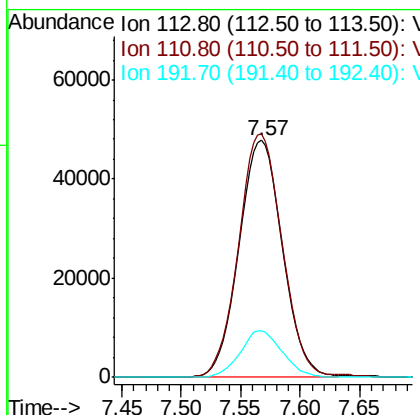
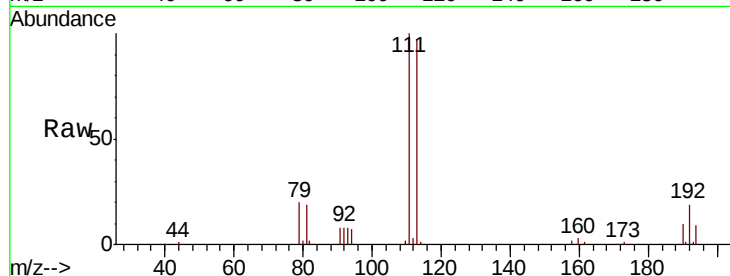




#35
 Dibromofluoromethane
 Concen: 51.011 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

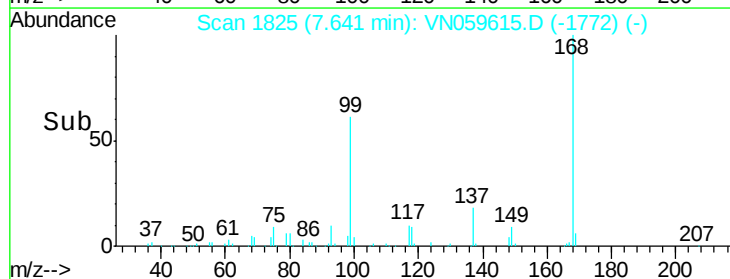
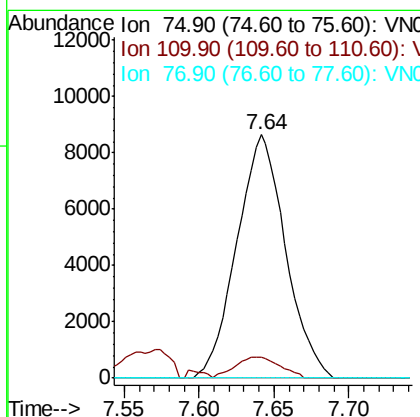
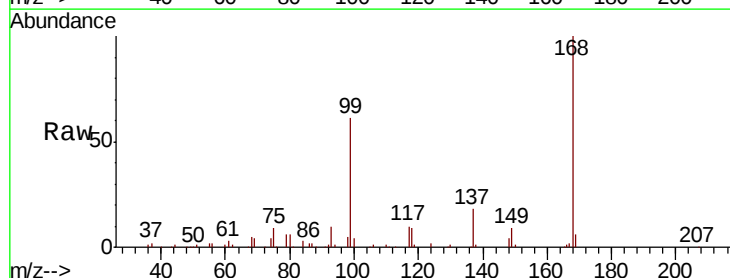
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-121319

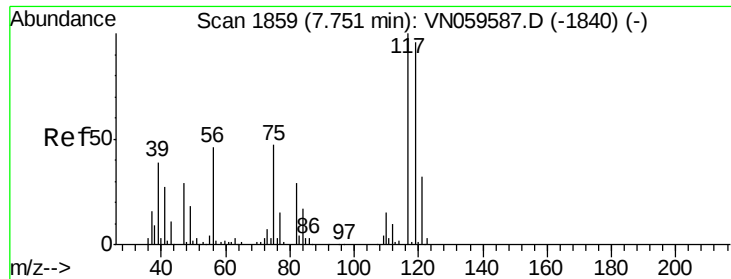
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.5	125.3
192	19.1	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.954 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.6	49.7#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.777 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

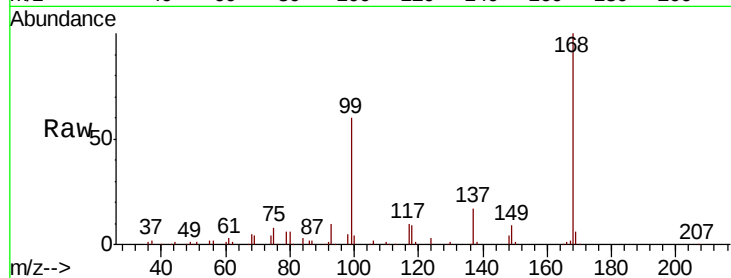
Tgt Ion:117 Resp: 23678

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

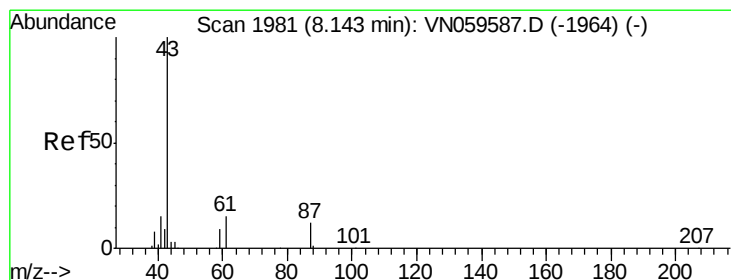
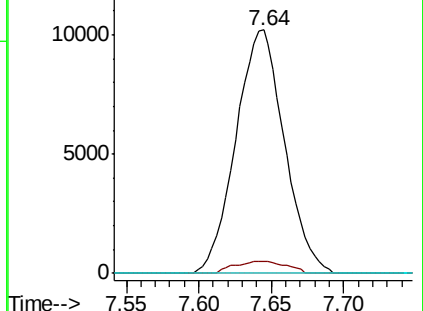
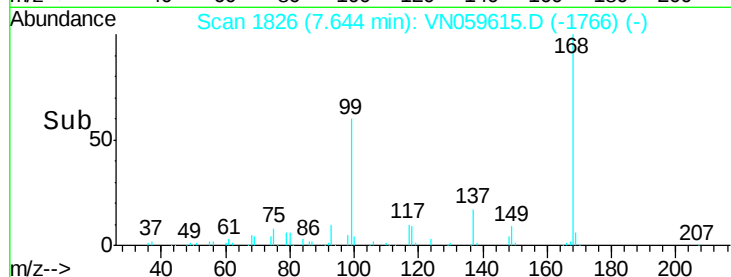
121 0.0 25.1 37.7#



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: 9.347 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

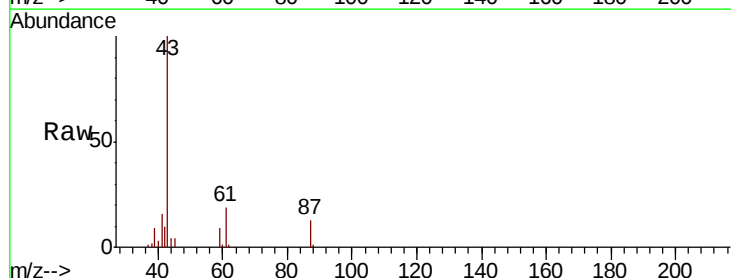
Tgt Ion: 43 Resp: 66708

Ion Ratio Lower Upper

43 100

61 19.0 20.2 30.2#

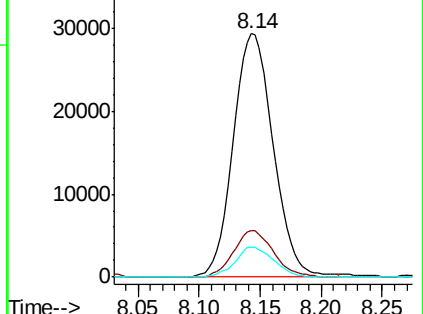
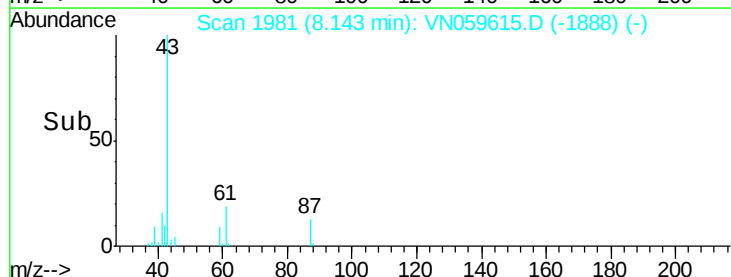
87 11.9 9.5 14.3

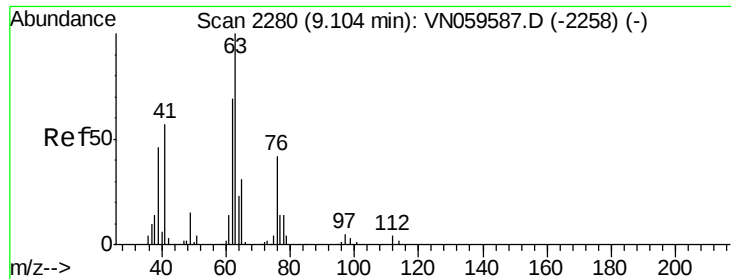


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.364 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

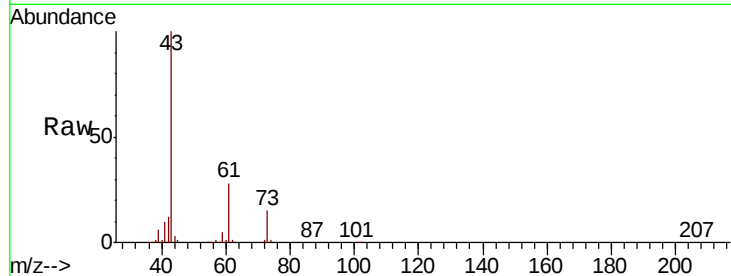
SU-03-121319

Tgt Ion: 63 Resp: 1135

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.25

800

600

400

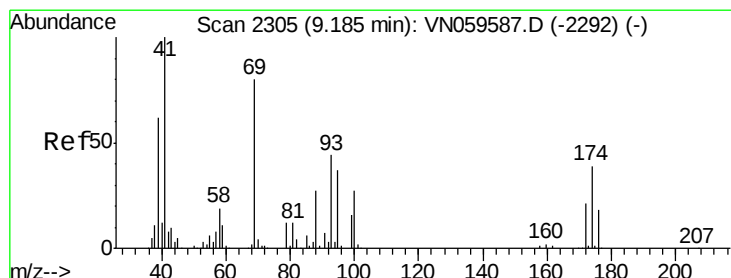
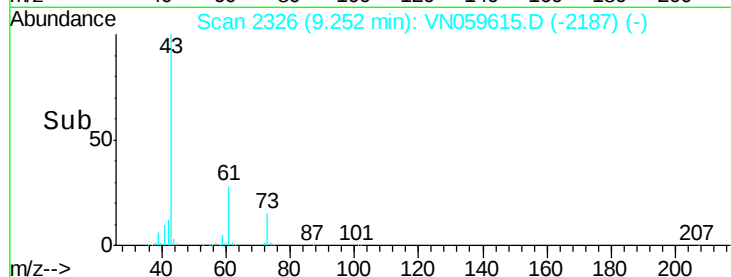
200

0

Time--> 9.20

9.25

9.30



#48

Methyl methacrylate

Concen: 1.522 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

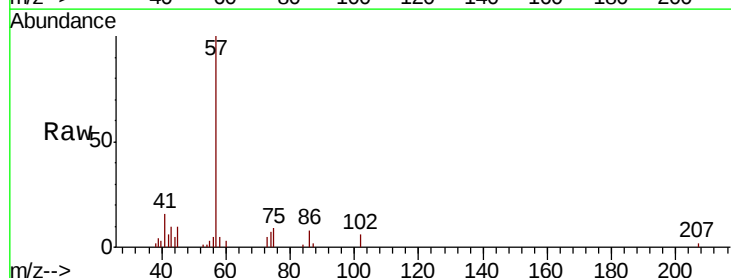
Tgt Ion: 41 Resp: 4929

Ion Ratio Lower Upper

41 100

69 0.0 64.4 96.6#

39 0.0 51.3 76.9#



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

60000

40000

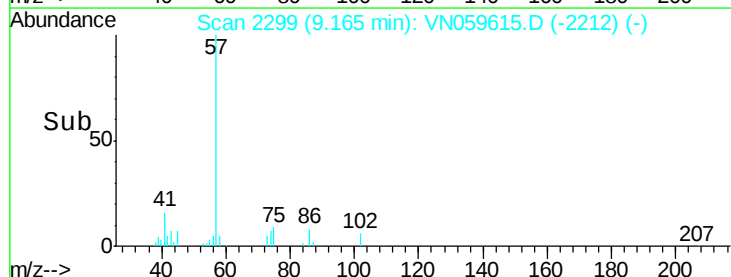
20000

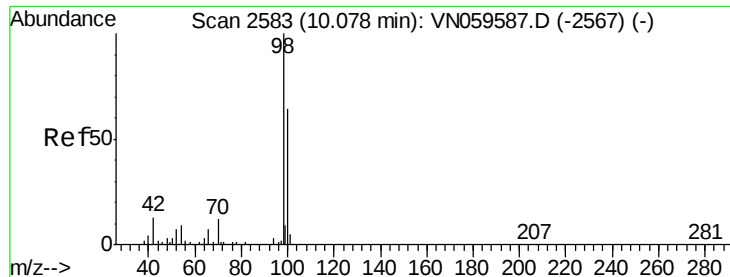
0

Time--> 9.10

9.15

9.20





#50

Toluene-d8

Concen: 51.027 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

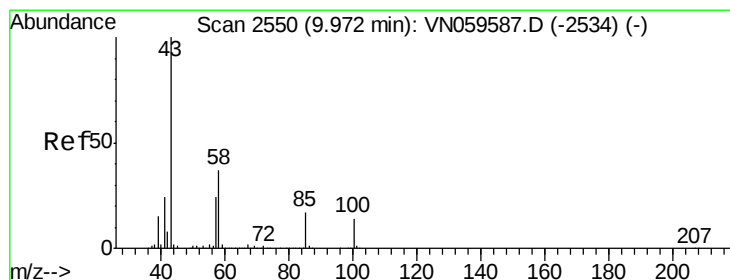
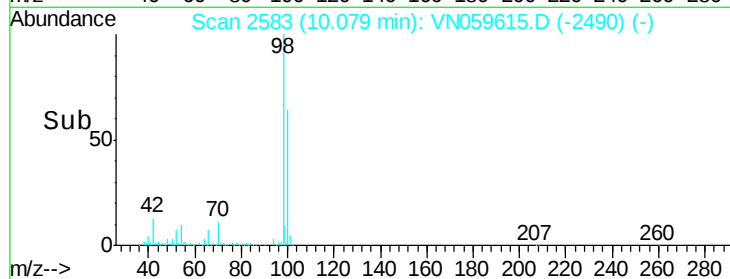
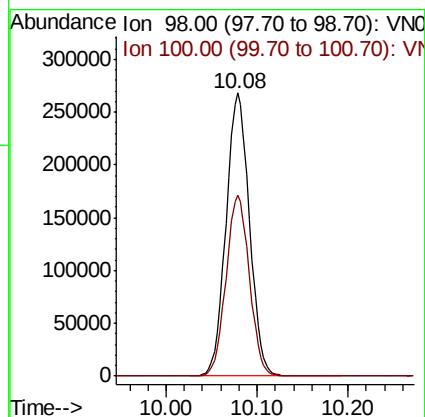
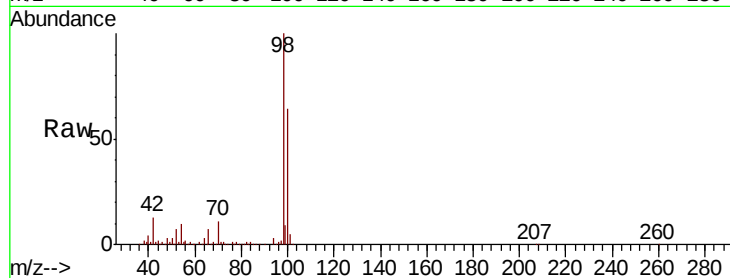
SU-03-121319

Tgt Ion: 98 Resp: 478717

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.293 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059615.D

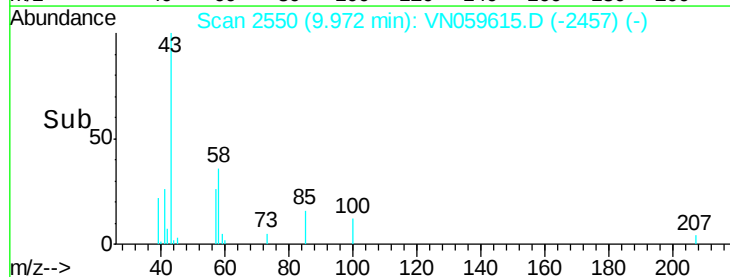
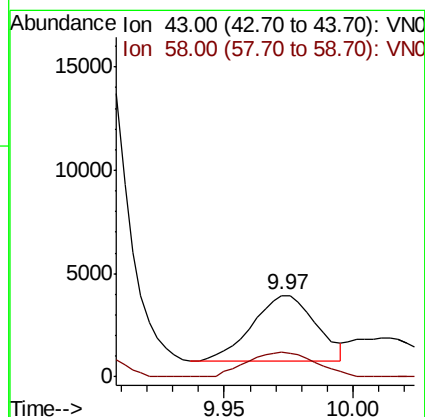
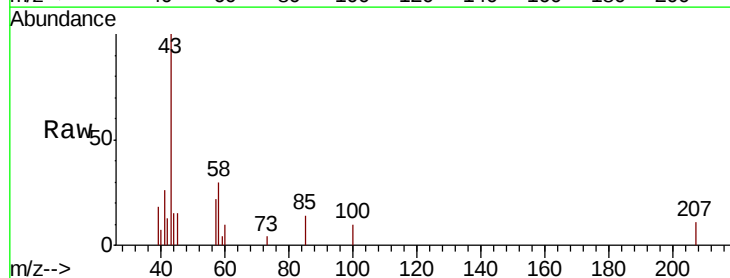
Acq: 16 Dec 2019 19:57

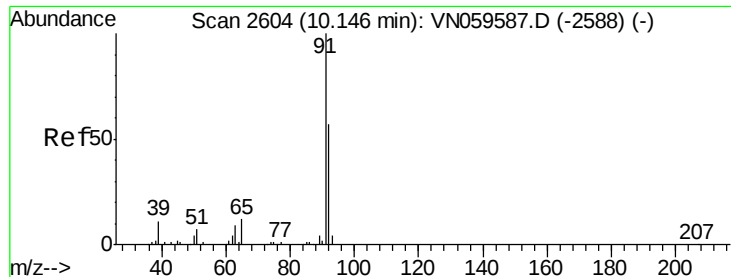
Tgt Ion: 43 Resp: 5501

Ion Ratio Lower Upper

43 100

58 40.6 29.8 44.8





#52

Toluene

Concen: 0.622 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

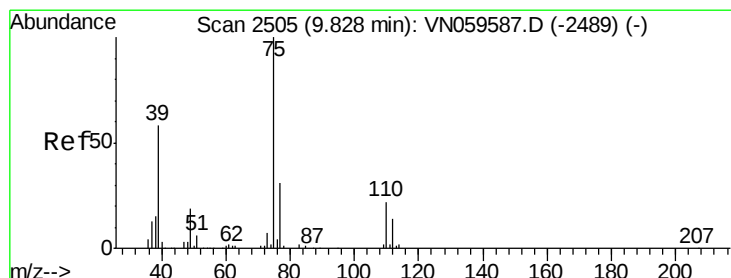
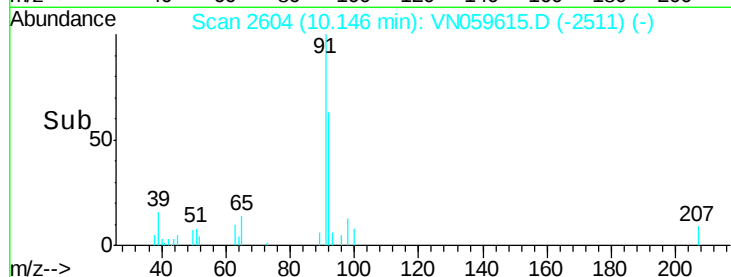
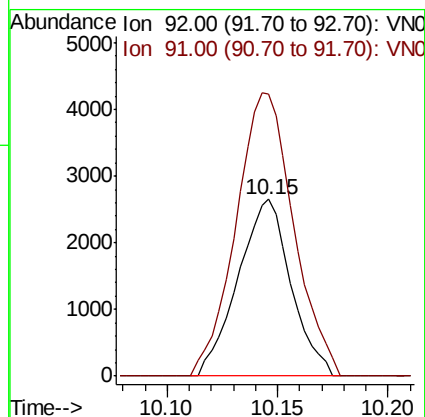
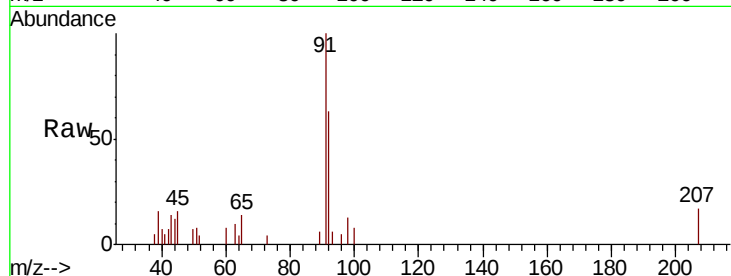
SU-03-121319

Tgt Ion: 92 Resp: 4408

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6



#54

cis-1,3-Dichloropropene

Concen: 5.348 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.06 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

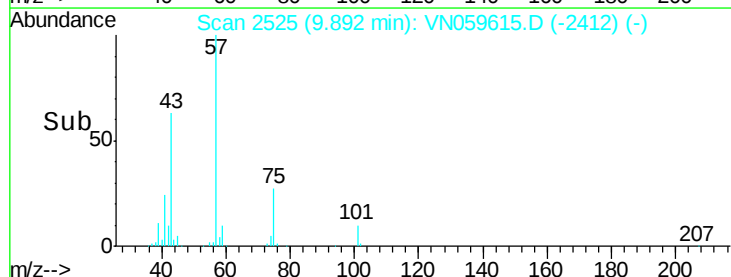
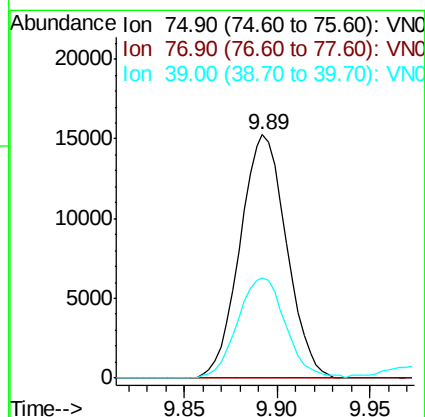
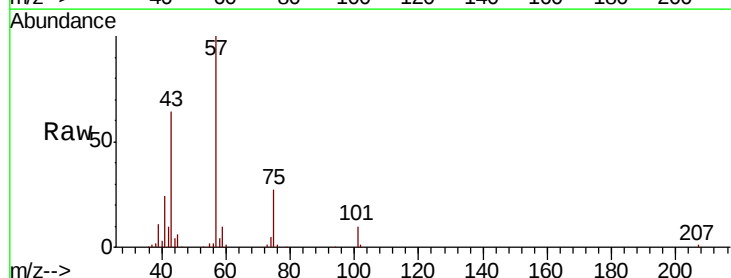
Tgt Ion: 75 Resp: 26471

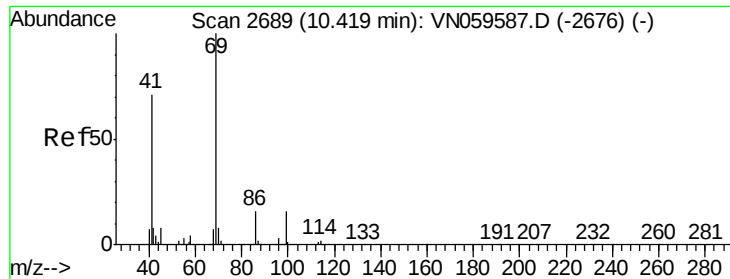
Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 41.4 46.1 69.1#





#56

Ethyl methacrylate

Concen: 0.240 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.11 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

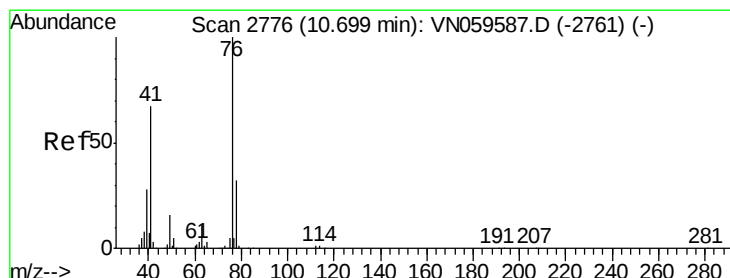
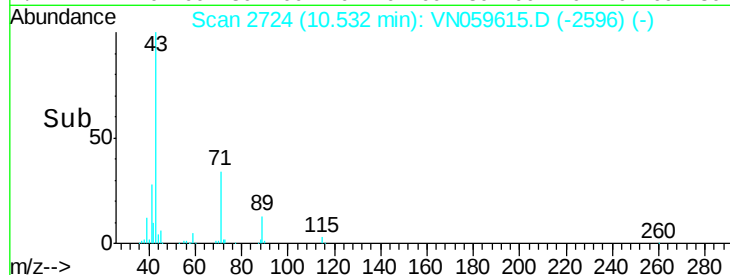
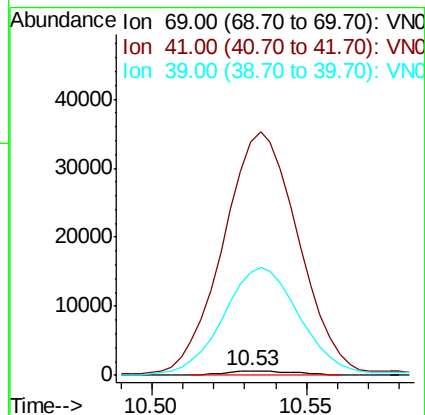
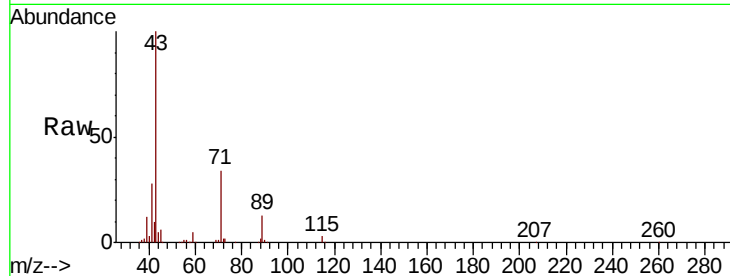
Tgt Ion: 69 Resp: 992

Ion Ratio Lower Upper

69 100

41 6008.3 57.1 85.7#

39 2770.4 34.7 52.1#



#57

1,3-Dichloropropane

Concen: 0.917 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059615.D

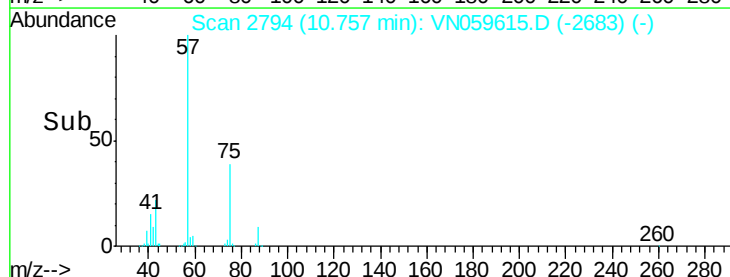
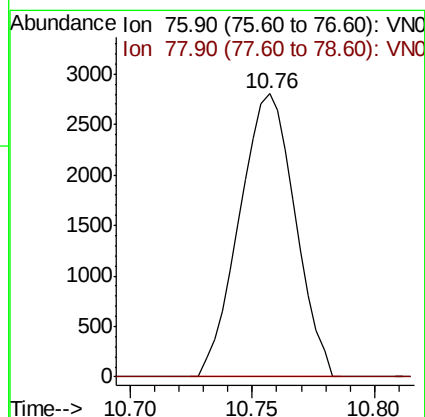
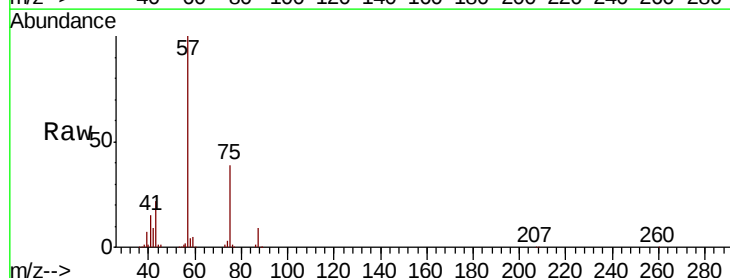
Acq: 16 Dec 2019 19:57

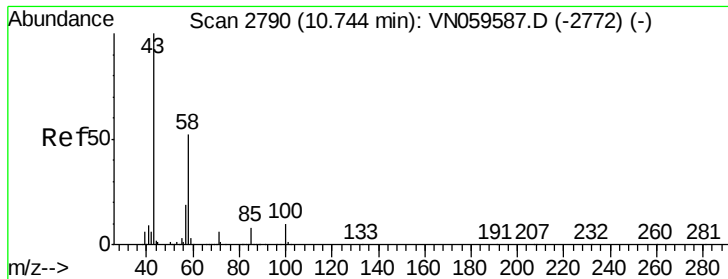
Tgt Ion: 76 Resp: 4445

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#





#59

2-Hexanone

Concen: 21.266 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampled :

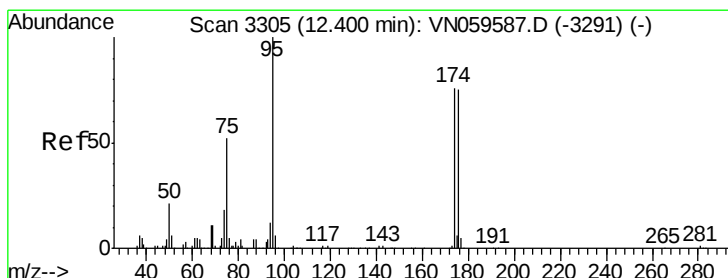
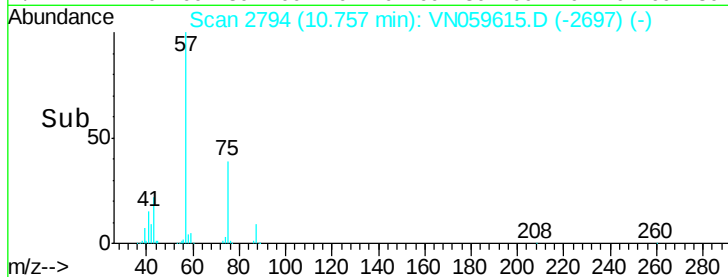
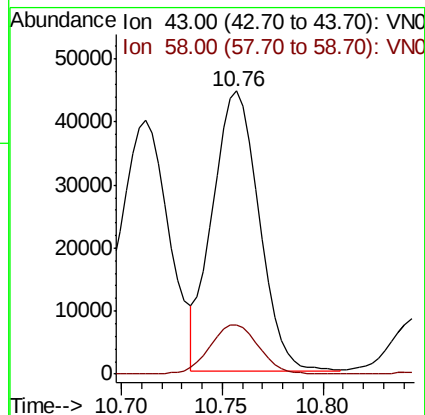
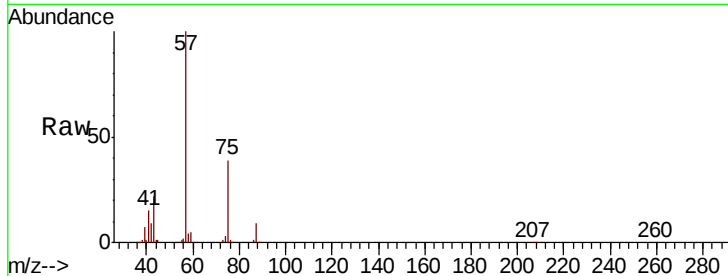
SU-03-121319

Tgt Ion: 43 Resp: 71318

Ion Ratio Lower Upper

43 100

58 18.5 25.8 77.3#



#62

4-Bromofluorobenzene

Concen: 46.056 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

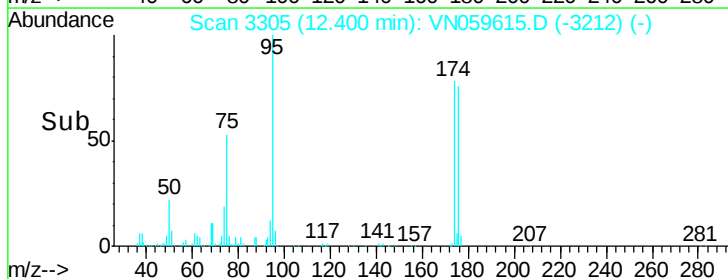
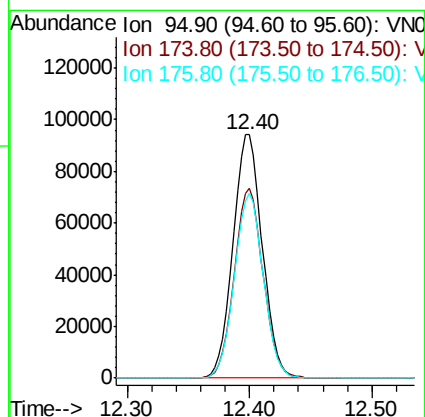
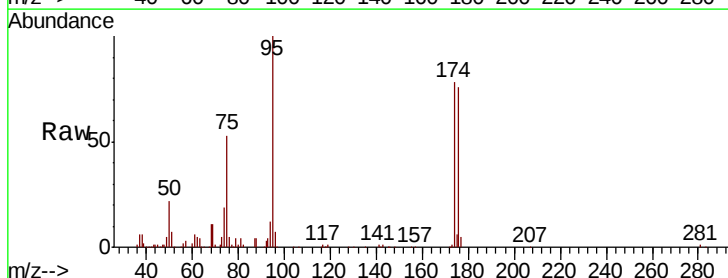
Tgt Ion: 95 Resp: 157662

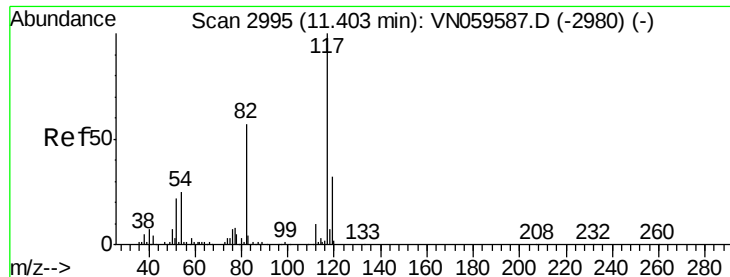
Ion Ratio Lower Upper

95 100

174 76.7 0.0 151.4

176 74.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampled :

SU-03-121319

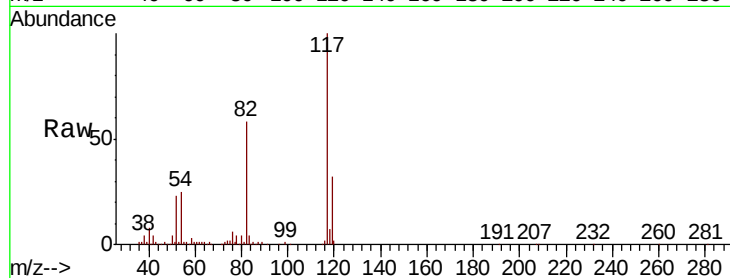
Tgt Ion:117 Resp: 348073

Ion Ratio Lower Upper

117 100

82 57.8 45.9 68.9

119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V

250000

200000

150000

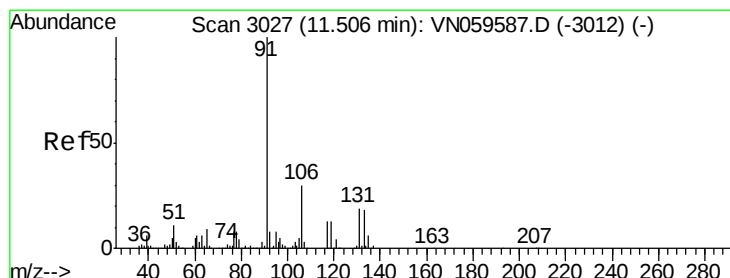
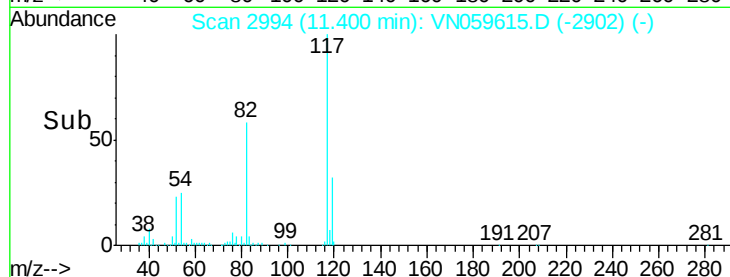
100000

50000

0

11.30 11.40 11.50

Time-->



#67

Ethyl Benzene

Concen: 0.267 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059615.D

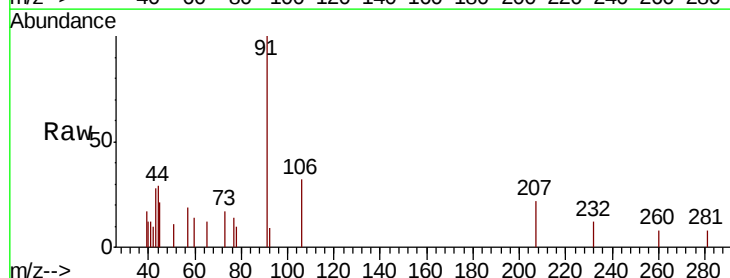
Acq: 16 Dec 2019 19:57

Tgt Ion: 91 Resp: 3624

Ion Ratio Lower Upper

91 100

106 31.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

2500

2000

1500

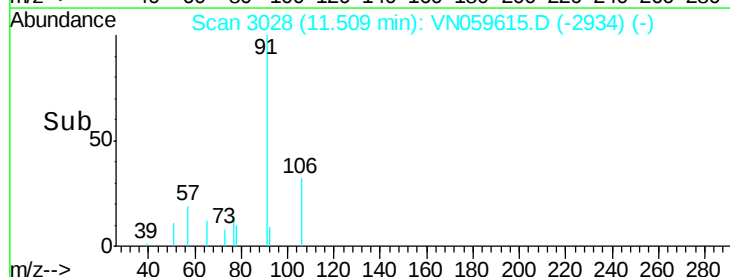
1000

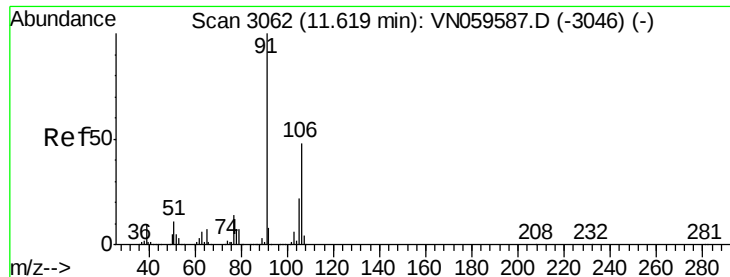
500

0

11.45 11.50 11.55

Time-->





#68

m/p-Xylenes

Concen: 0.946 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.01 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

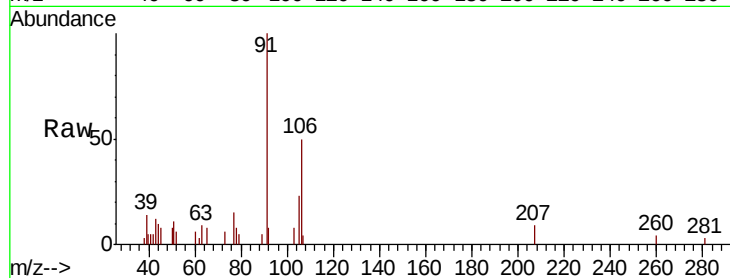
SU-03-121319

Tgt Ion:106 Resp: 4748

Ion Ratio Lower Upper

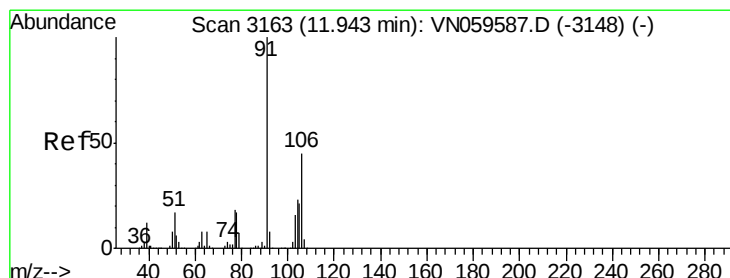
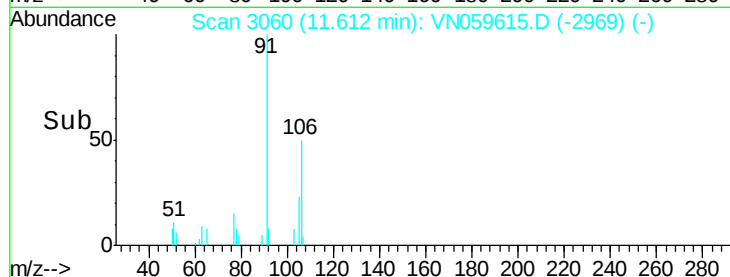
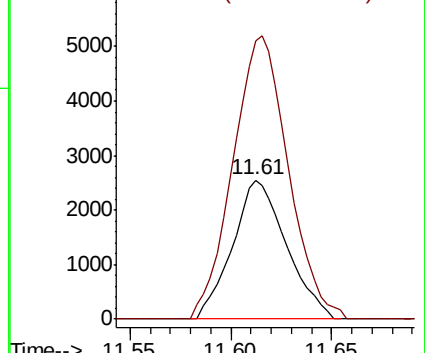
106 100

91 210.2 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.535 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN059615.D

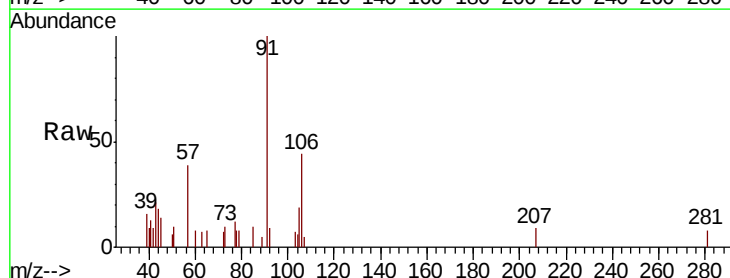
Acq: 16 Dec 2019 19:57

Tgt Ion:106 Resp: 2556

Ion Ratio Lower Upper

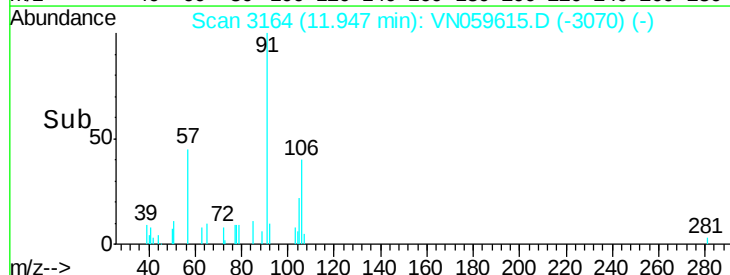
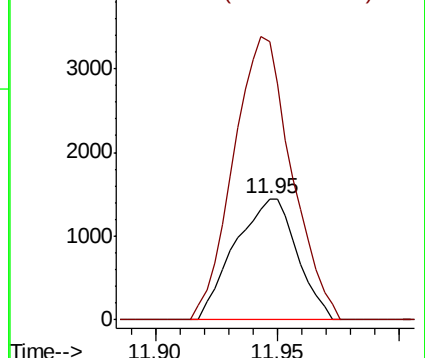
106 100

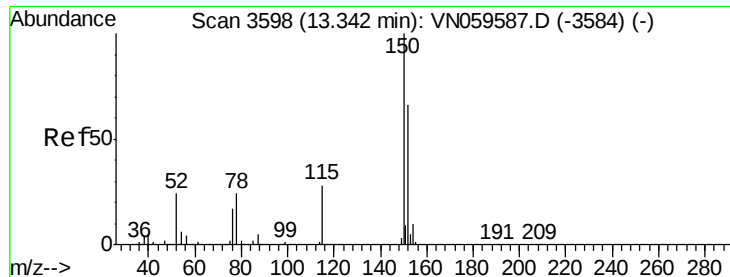
91 218.7 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

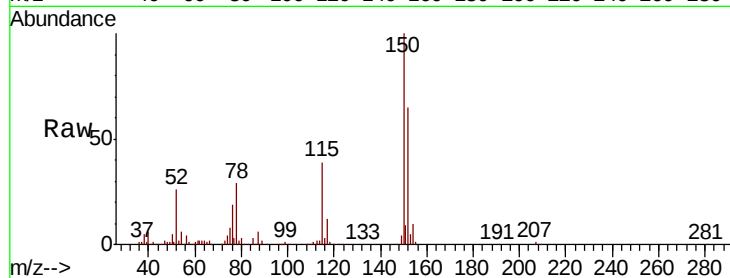
Tgt Ion:152 Resp: 137836

Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

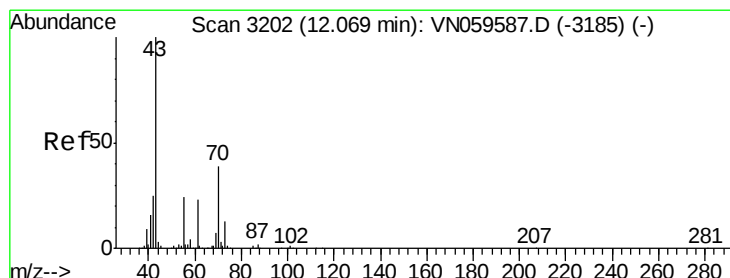
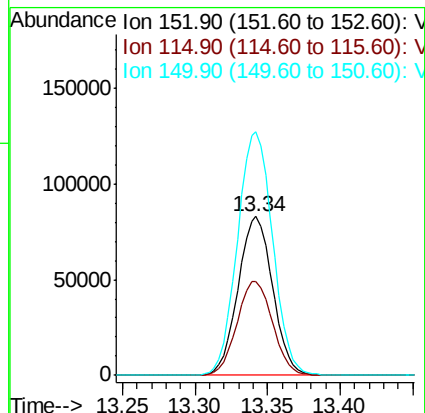
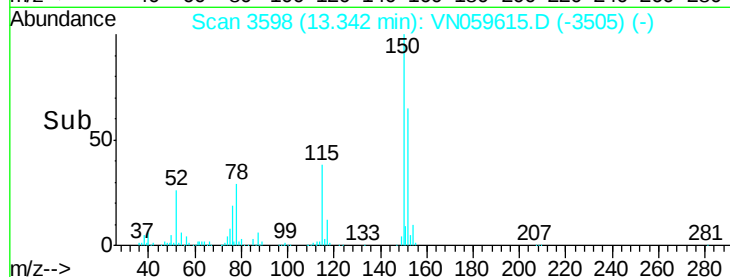
150 155.9 0.0 345.2



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



#74

N-ethyl acetate

Concen: 0.866 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Tgt Ion: 43 Resp: 4299

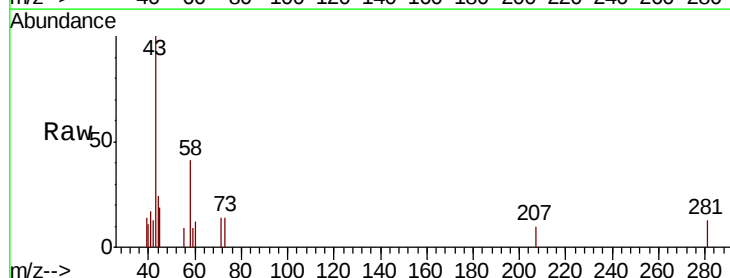
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 4.3 19.8 29.6#

61 0.0 18.3 27.5#

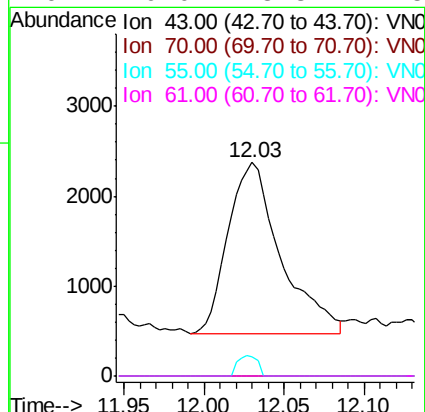
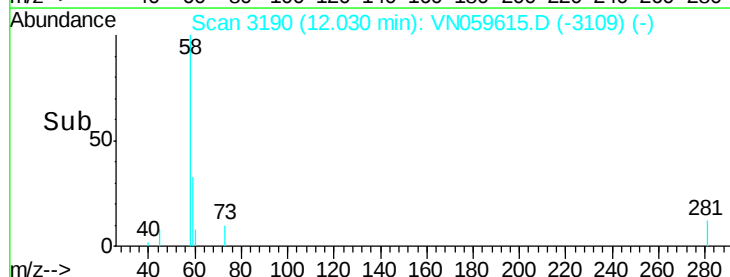


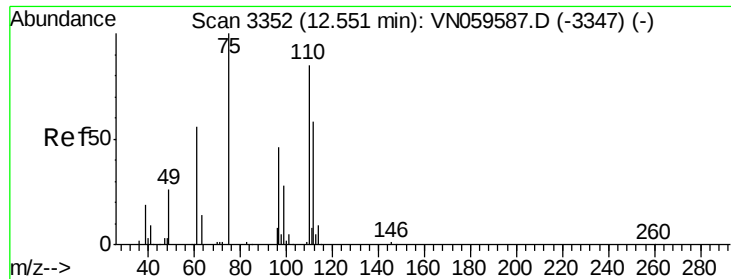
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

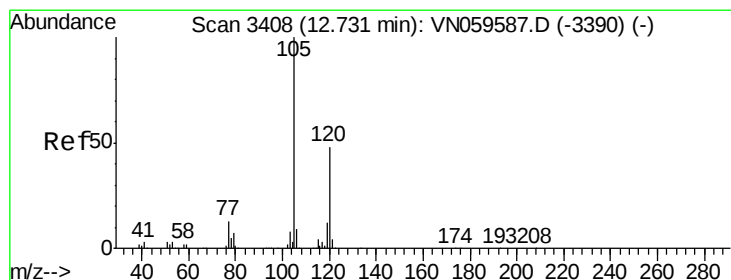
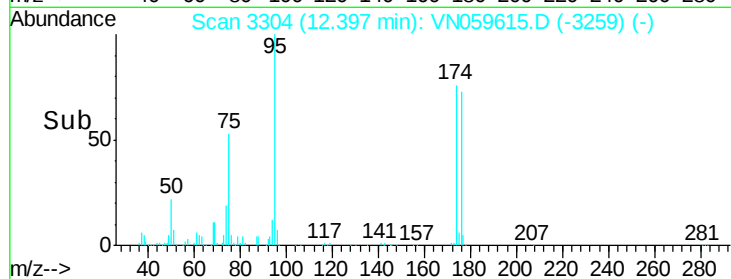
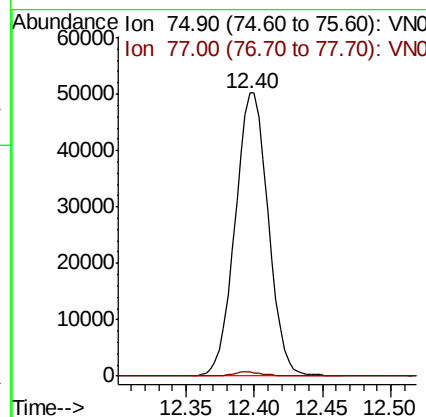
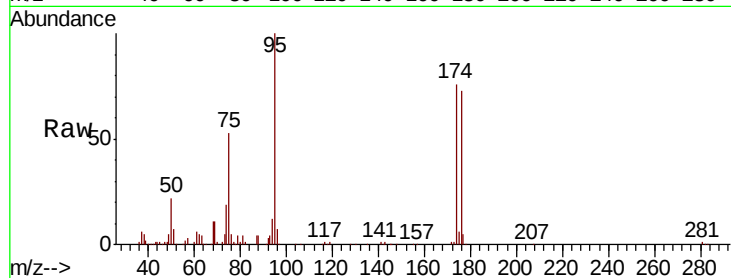




#76
 1,2,3-Trichloropropane
 Concen: 24.819 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

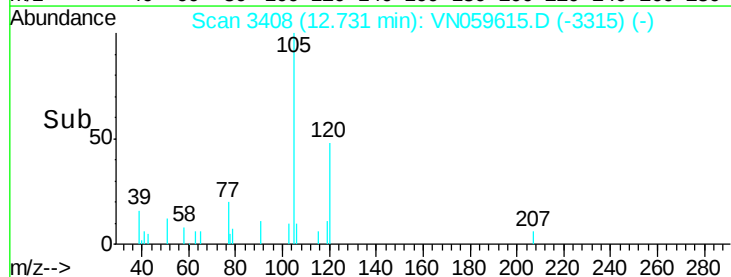
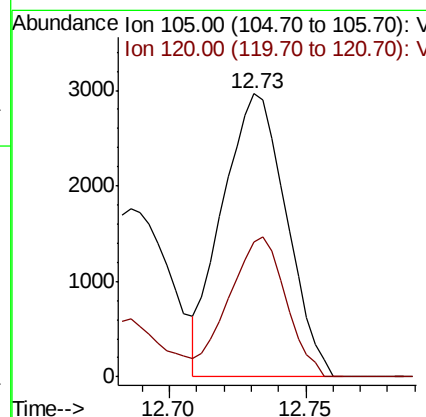
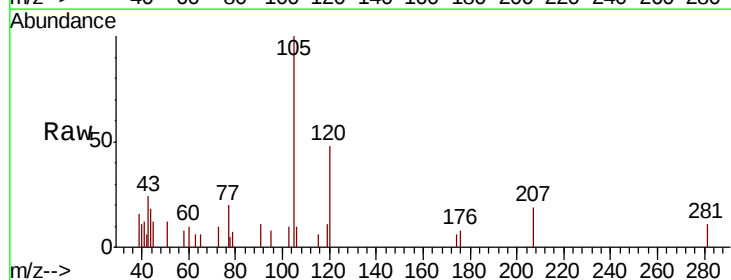
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-121319

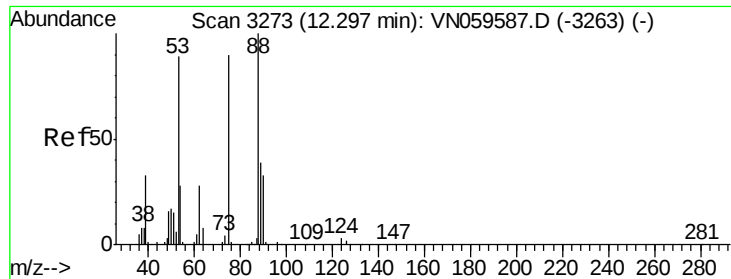
Tgt Ion: 75 Resp: 84688
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.527 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

Tgt Ion: 105 Resp: 4828
 Ion Ratio Lower Upper
 105 100
 120 43.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 61.300 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

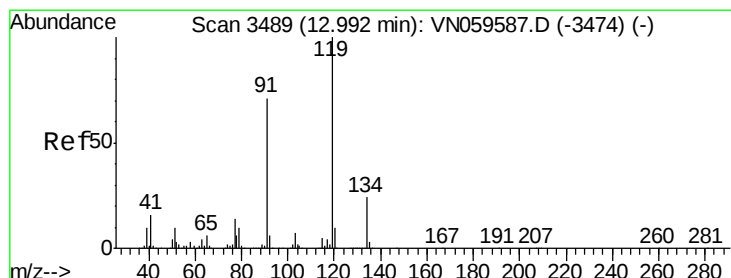
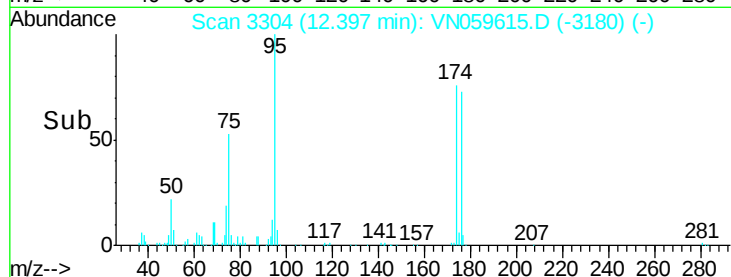
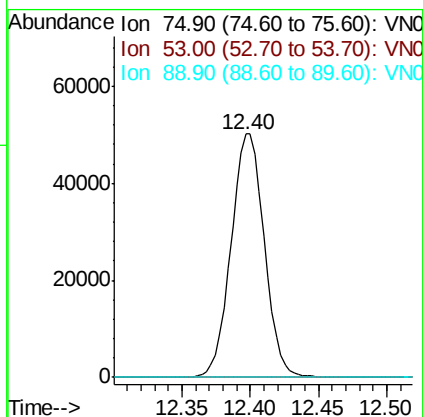
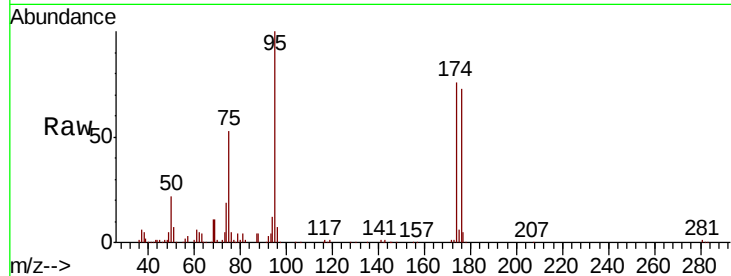
Tgt Ion: 75 Resp: 84688

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

89 0.0 35.4 53.2#



#83

tert-Butylbenzene

Concen: 0.247 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

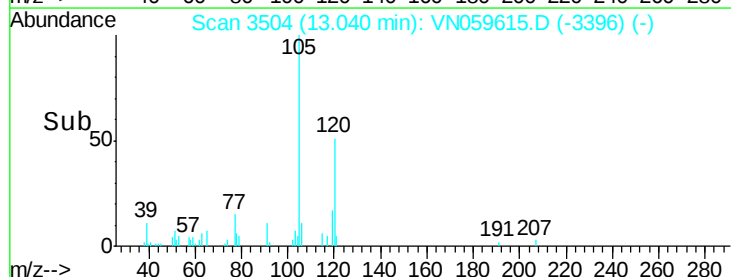
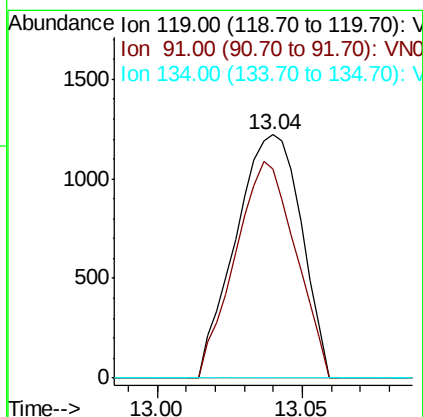
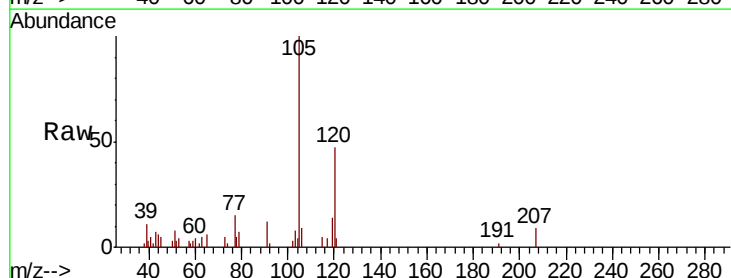
Tgt Ion: 119 Resp: 1919

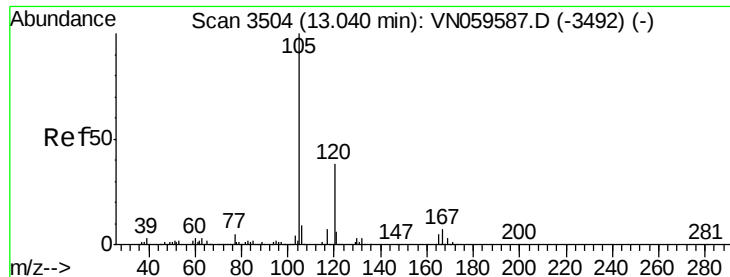
Ion Ratio Lower Upper

119 100

91 82.2 34.8 104.4

134 0.0 12.3 36.9#





#84

1,2,4-Trimethylbenzene

Concen: 1.559 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampled :

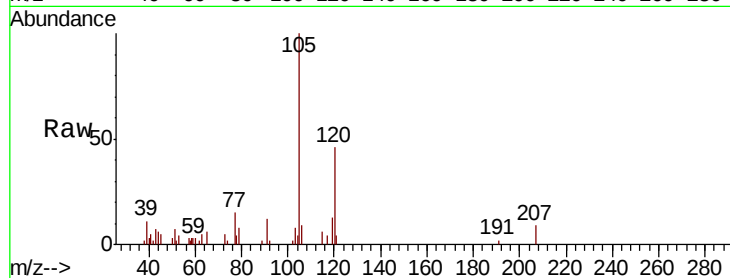
SU-03-121319

Tgt Ion:105 Resp: 14190

Ion Ratio Lower Upper

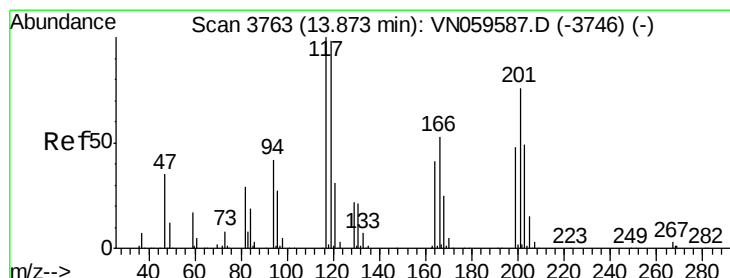
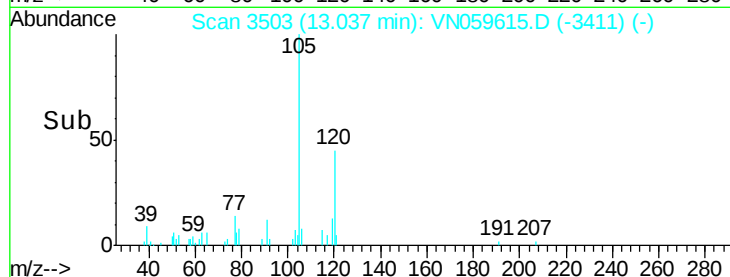
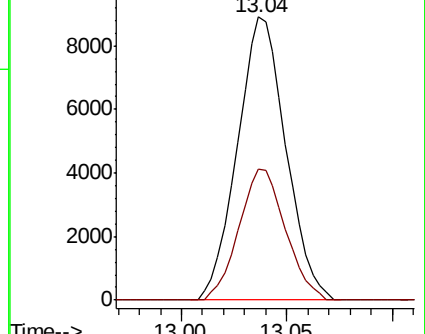
105 100

120 44.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.260 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN059615.D

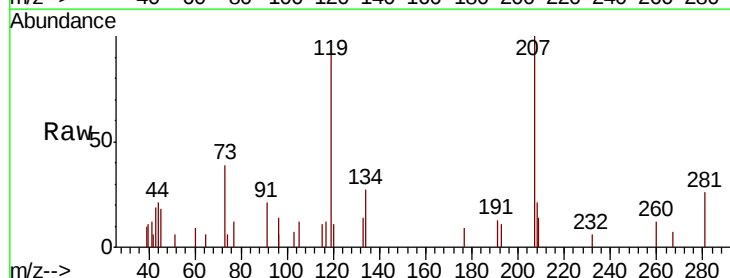
Acq: 16 Dec 2019 19:57

Tgt Ion:117 Resp: 460

Ion Ratio Lower Upper

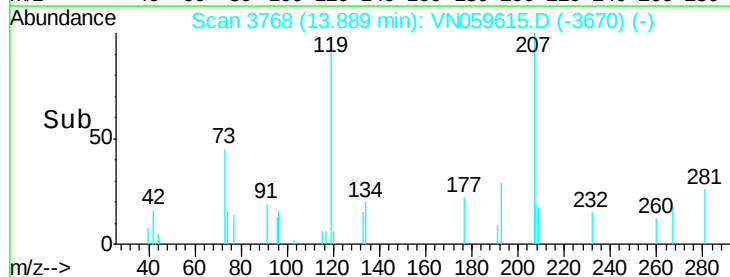
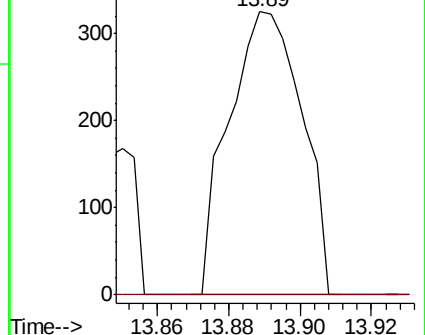
117 100

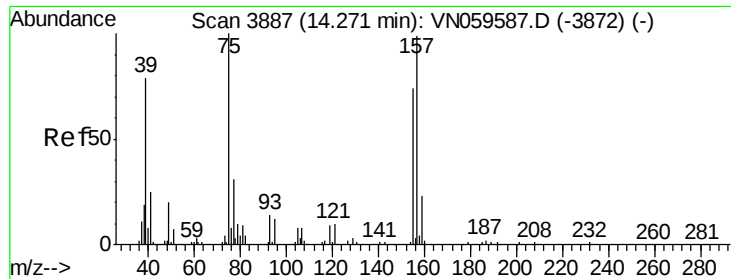
201 0.0 37.8 113.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.738 ug/l

RT: 14.26 min Scan# 3883

Delta R.T. -0.01 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

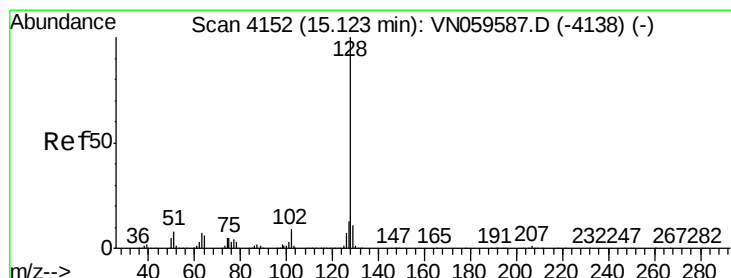
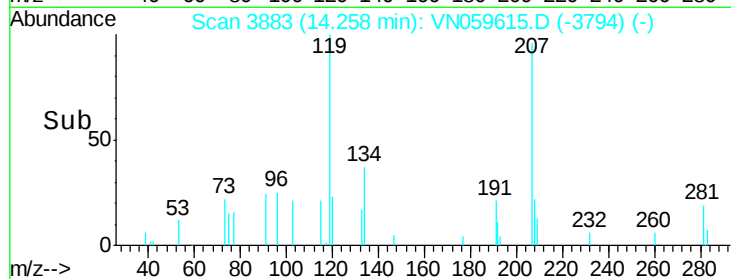
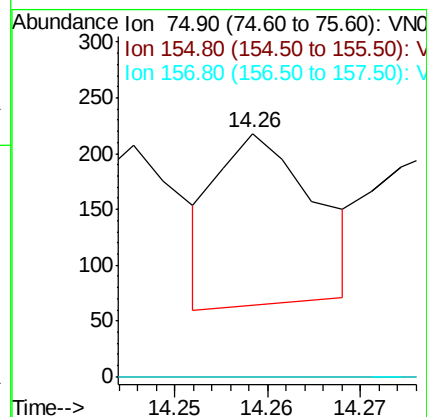
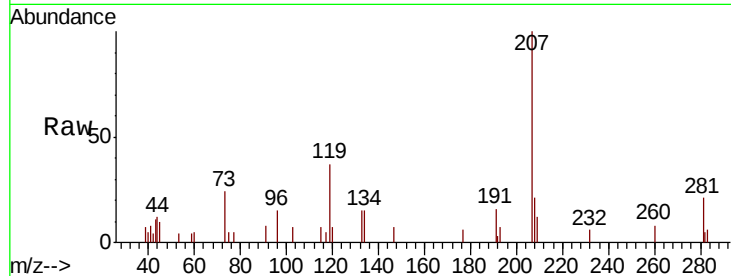
Tgt Ion: 75 Resp: 112

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



#95

Naphthalene

Concen: 2.727 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Tgt Ion: 128 Resp: 25367

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.6 12.8

