

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
 Data File : VN059367.D
 Acq On : 22 Nov 2019 16:09
 Operator : JC/SP
 Sample : K5957-13ME 20X
 Misc : 4.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 FD-111919DL

Quant Time: Nov 22 16:53:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	364187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	558698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	494589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216842	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	205410	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
35) Dibromofluoromethane	7.57	113	167335	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	10.08	98	678679	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	241695	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	860	0.983	ug/l #	73
16) Acetone	3.80	43	482	0.246	ug/l #	42
17) Carbon Disulfide	4.03	76	1356	0.250	ug/l #	75
31) Cyclohexane	7.64	56	6740	0.876	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	26926	4.668	ug/l #	49
38) Carbon Tetrachloride	7.64	117	32569	5.899	ug/l #	16
39) Methylcyclohexane	9.07	83	3026	0.435	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	3636	0.656	ug/l #	1
55) 1,1,2-Trichloroethane	10.52	97	4208	1.063	ug/l #	17
56) Ethyl methacrylate	10.43	69	1974	2.475	ug/l #	3
59) 2-Hexanone	10.72	43	19479	4.797	ug/l #	27
67) Ethyl Benzene	11.51	91	54029	2.845	ug/l	100
69) o-Xylene	11.95	106	12628	1.869	ug/l	90
71) Bromoform	12.41	173	1240	0.424	ug/l #	1
73) Isopropylbenzene	12.25	105	66540	3.746	ug/l	99
74) N-amyl acetate	12.05	43	206662	28.949	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.47	83	14640	2.491	ug/l #	25
76) 1,2,3-Trichloropropane	12.66	75	3923	0.783	ug/l #	100
78) n-propylbenzene	12.59	91	204775	10.177	ug/l	100
79) 2-Chlorotoluene	12.66	91	56844	4.603	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	383888	25.708	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	113737	56.786	ug/l #	17
82) 4-Chlorotoluene	12.89	91	26425	2.068	ug/l	72
83) tert-Butylbenzene	13.00	119	15251	1.209	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1080857	73.892	ug/l	99
85) sec-Butylbenzene	13.17	105	112942	6.663	ug/l #	73
86) p-Isopropyltoluene	13.29	119	110619	7.334	ug/l	100
89) n-Butylbenzene	13.62	91	86237	6.517	ug/l #	78
90) Hexachloroethane	13.89	117	15976	5.593	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	340	0.272	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	192	2.978	ug/l #	1
95) Naphthalene	15.13	128	30644	5.413	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	145	1.932	ug/l #	13

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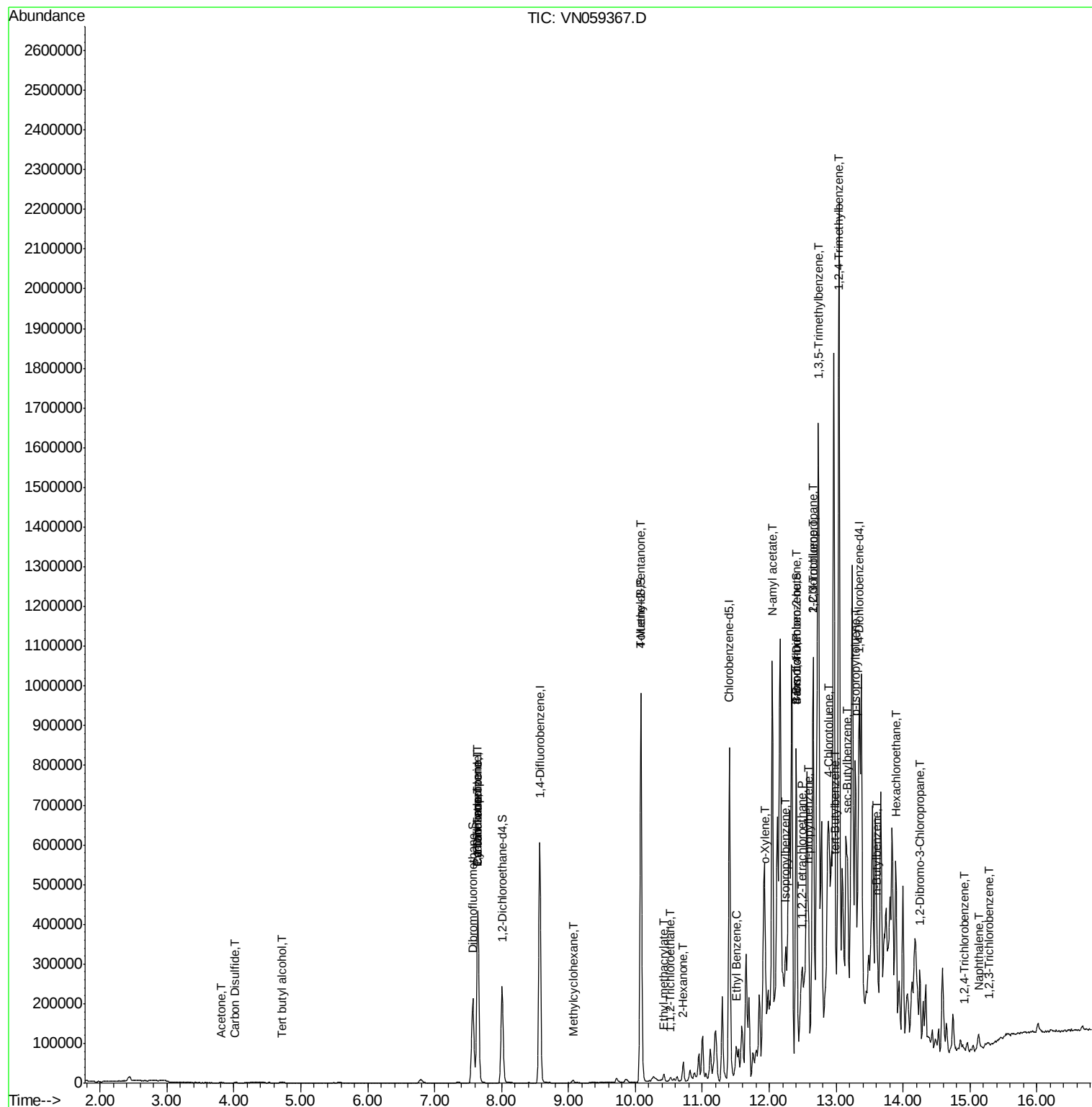
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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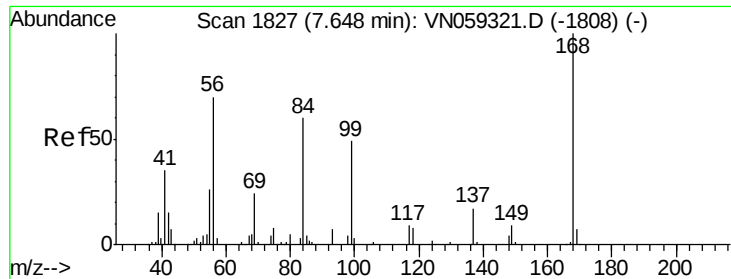
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampleID :

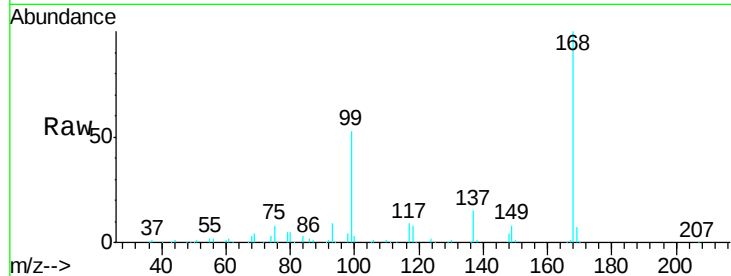
FD-111919DL

Tgt Ion: 168 Resp: 364187

Ion Ratio Lower Upper

168 100

99 53.2 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

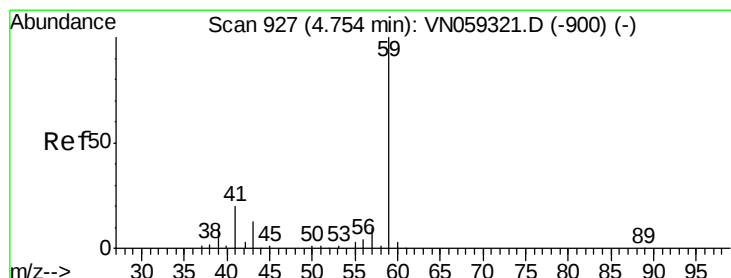
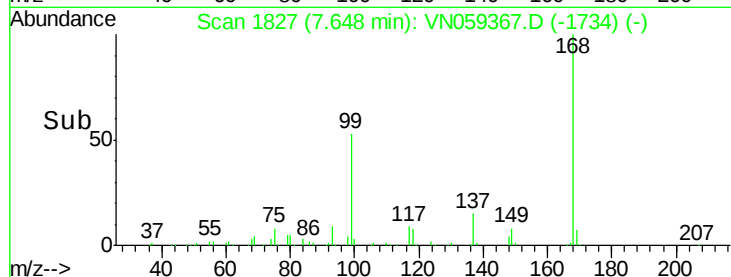
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.983 ug/l

RT: 4.72 min Scan# 916

Delta R.T. -0.04 min

Lab File: VN059367.D

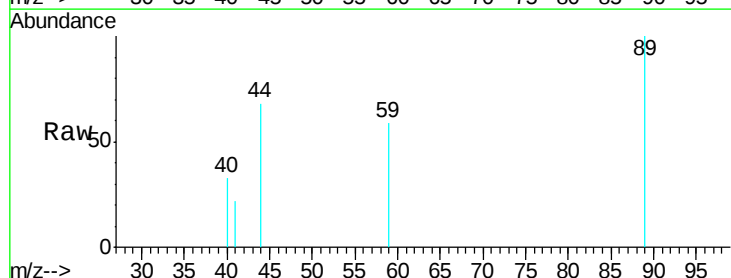
Acq: 22 Nov 2019 16:09

Tgt Ion: 59 Resp: 860

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.72

500

400

300

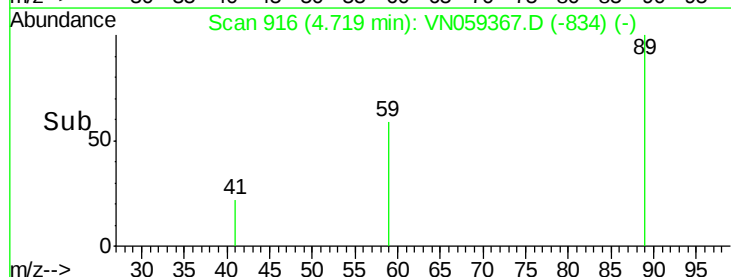
200

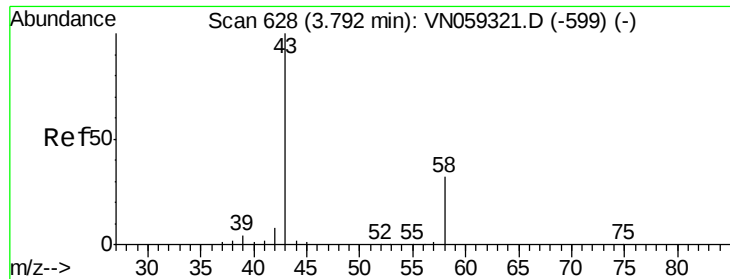
100

0

4.70 4.75

Time-->





#16

Acetone

Concen: 0.246 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

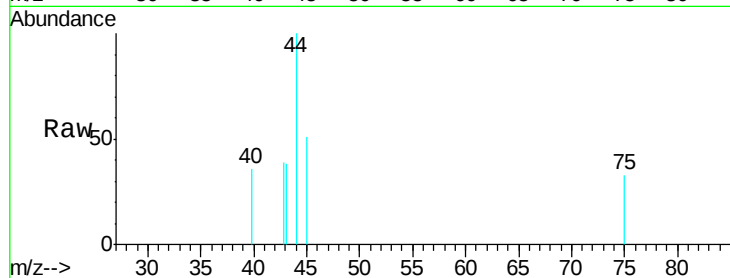
FD-111919DL

Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

400

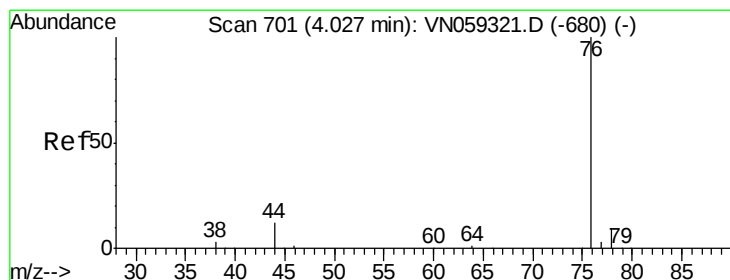
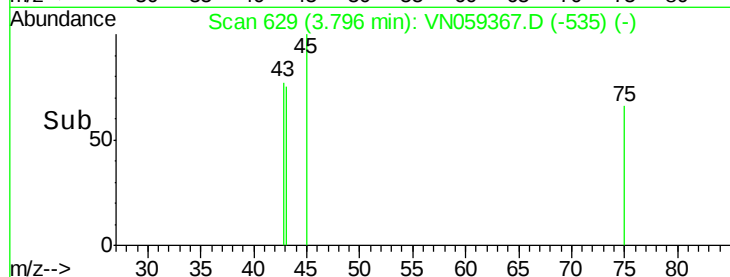
300

200

100

0

Time-->



#17

Carbon Disulfide

Concen: 0.250 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059367.D

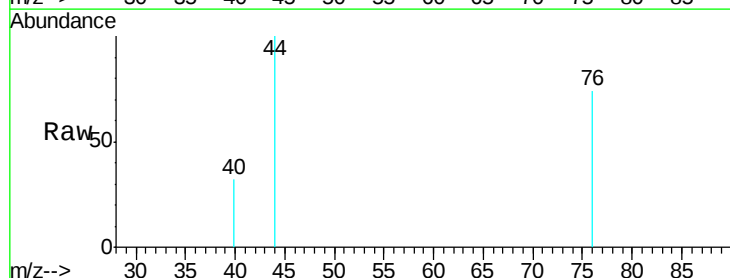
Acq: 22 Nov 2019 16:09

Tgt Ion: 76 Resp: 1356

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

600

500

400

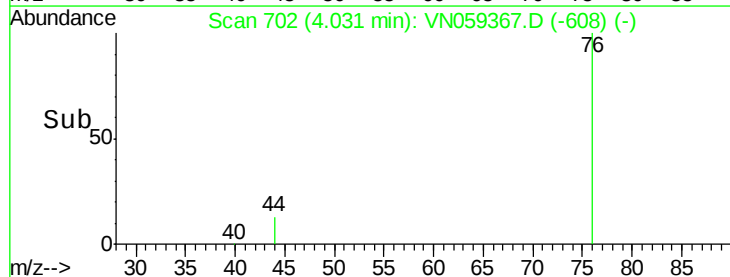
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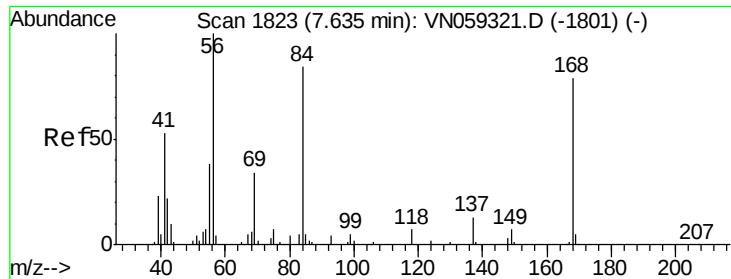
200

100

0

Time-->





#31

Cyclohexane

Concen: 0.876 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampleID :

FD-111919DL

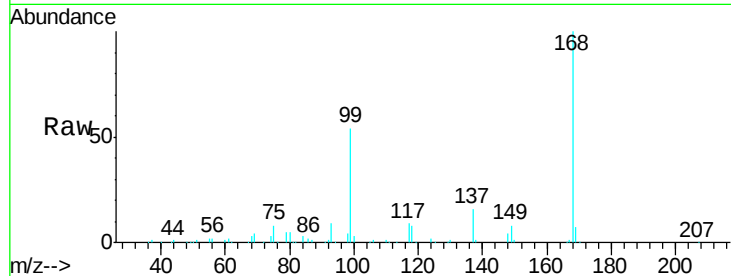
Tgt Ion: 56 Resp: 6740

Ion Ratio Lower Upper

56 100

69 192.5 26.6 40.0#

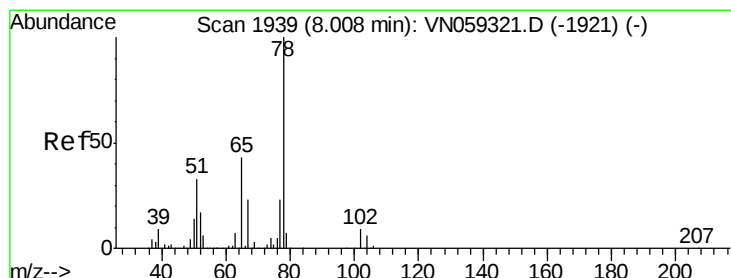
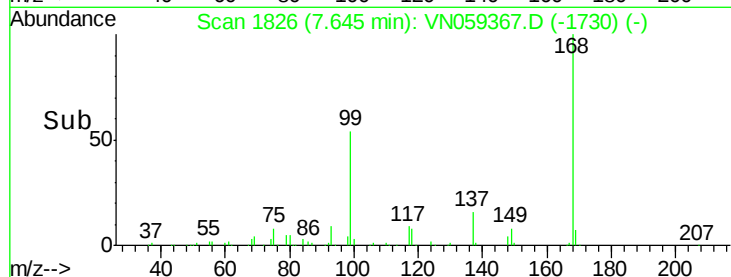
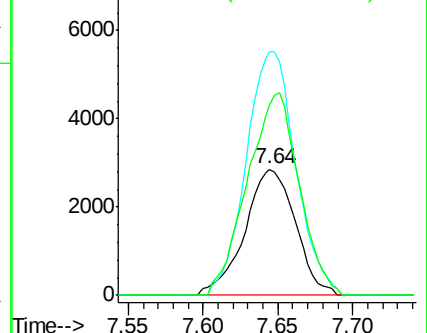
84 150.3 67.0 100.4#



Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 47.008 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059367.D

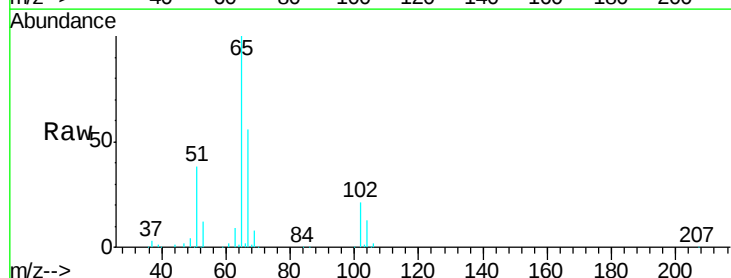
Acq: 22 Nov 2019 16:09

Tgt Ion: 65 Resp: 205410

Ion Ratio Lower Upper

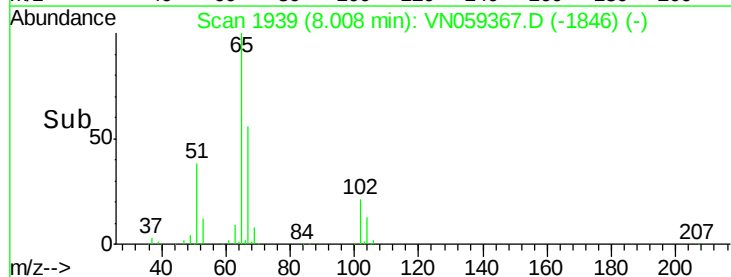
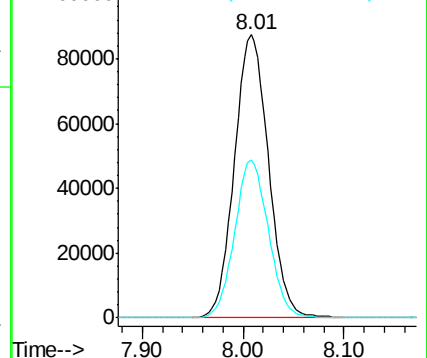
65 100

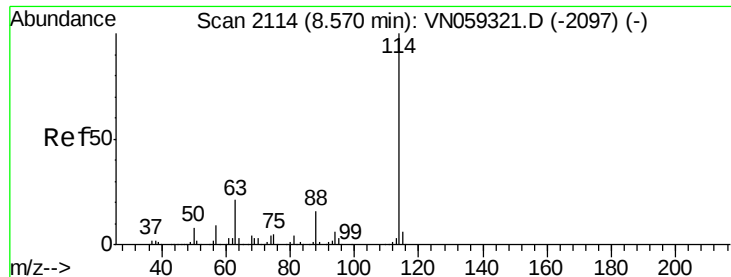
67 55.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

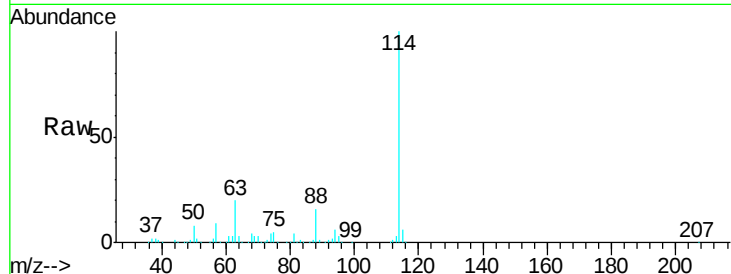




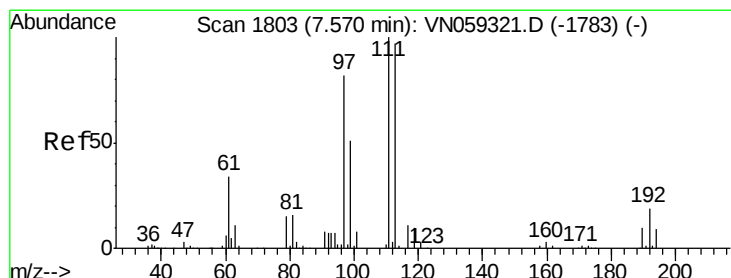
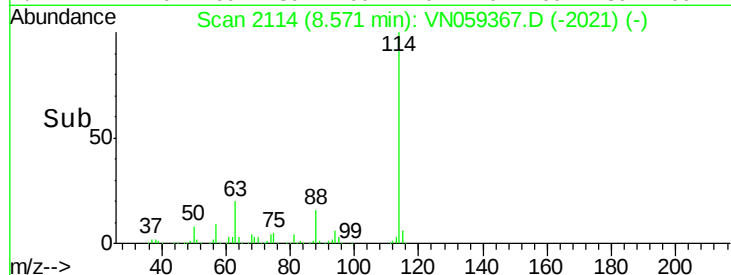
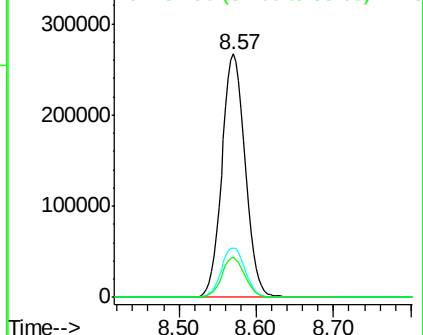
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111919DL

Tgt Ion:114 Resp: 558698
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.2
 88 16.3 0.0 32.2

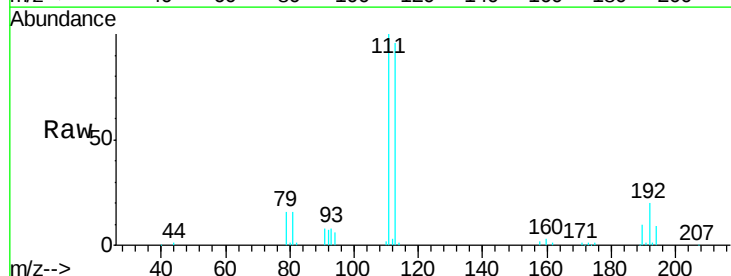


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

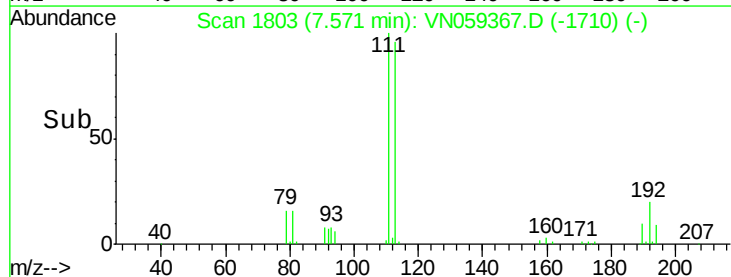
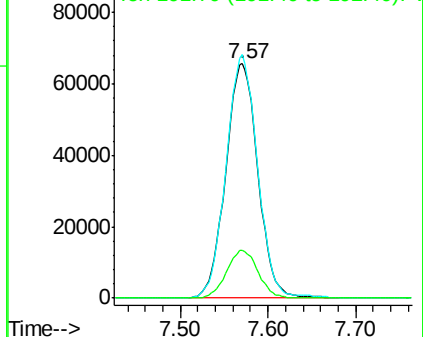


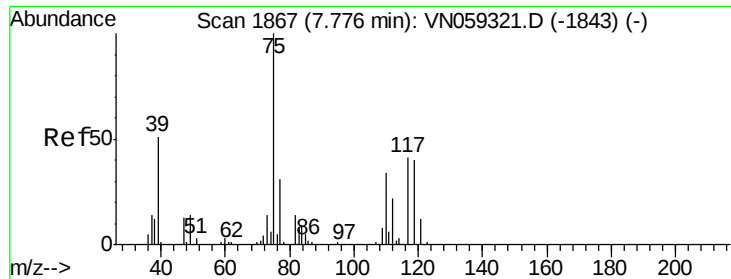
#35
 Dibromofluoromethane
 Concen: 49.923 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

Tgt Ion:113 Resp: 167335
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.7 124.1
 192 20.0 16.3 24.5



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

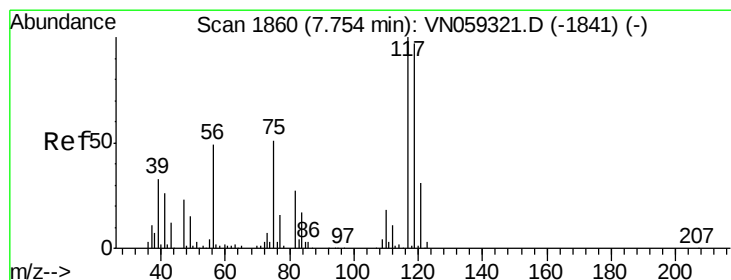
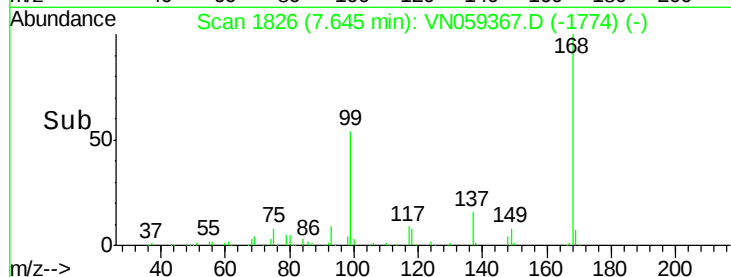
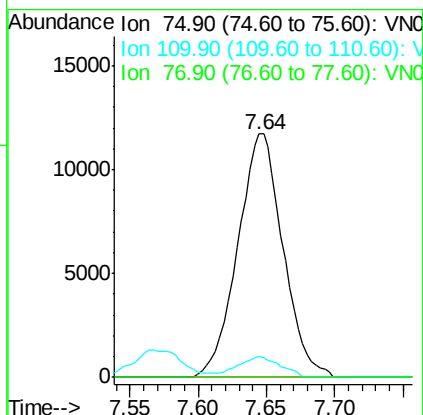
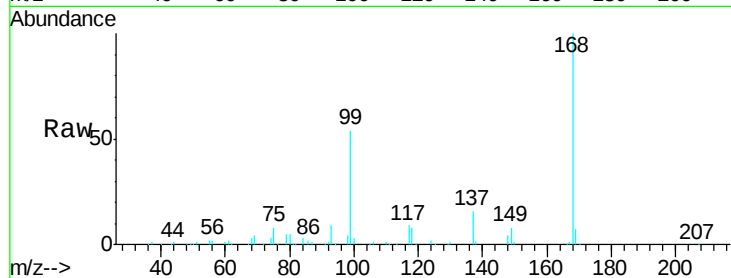




#36
 1,1-Dichloropropene
 Concen: 4.668 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

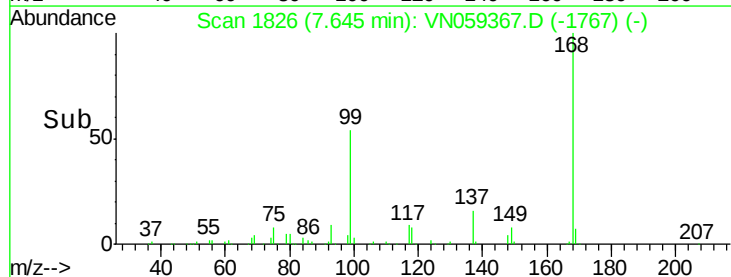
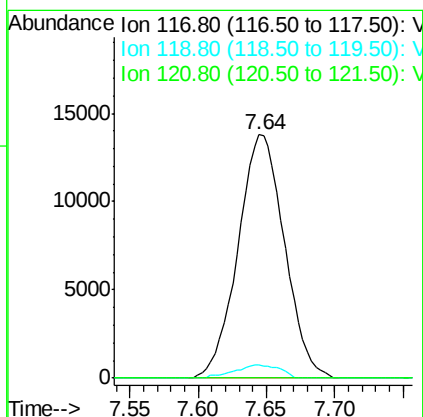
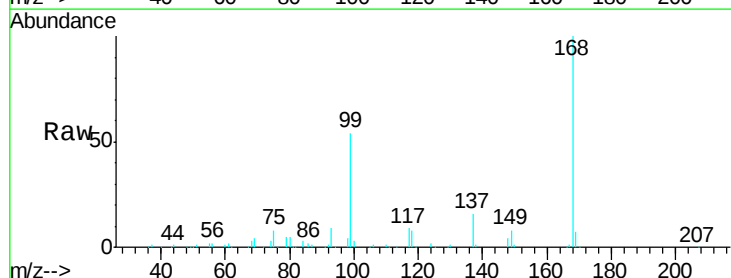
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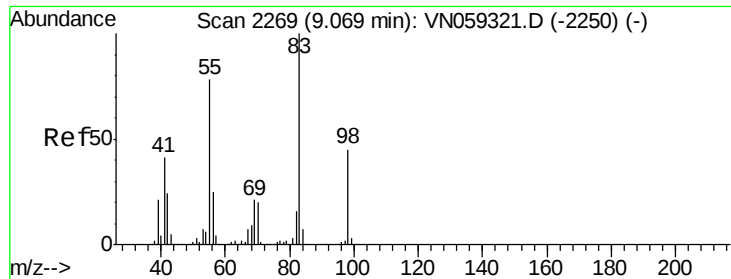
Tgt Ion: 75 Resp: 26926
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.0 51.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.899 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

Tgt Ion: 117 Resp: 32569
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.0 115.4#
 121 0.0 24.4 36.6#

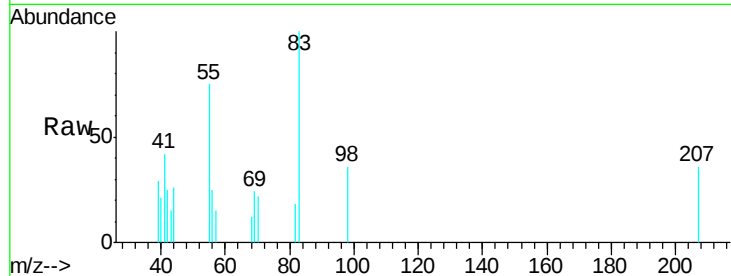




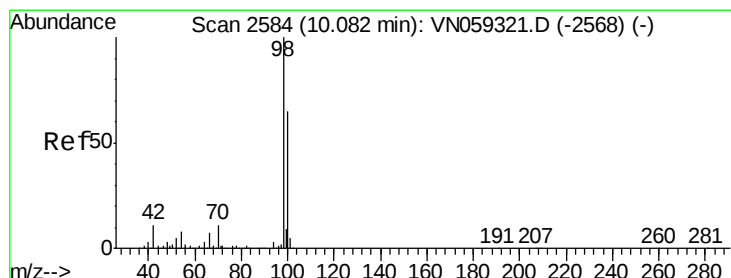
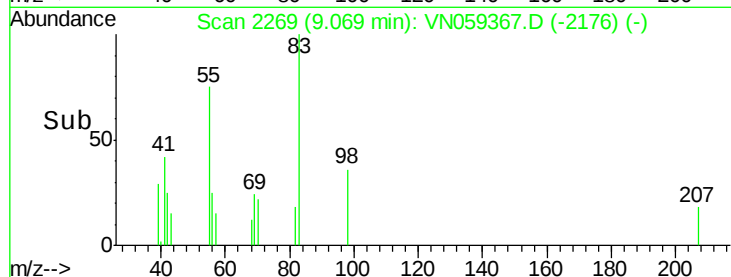
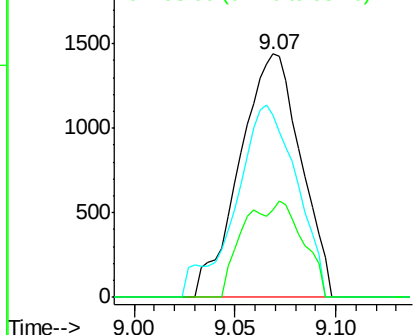
#39
Methylcyclohexane
Concen: 0.435 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059367.D
Acq: 22 Nov 2019 16:09

Instrument :
MSVOA_N
ClientSampled :
FD-111919DL

Tgt Ion: 83 Resp: 3026
Ion Ratio Lower Upper
83 100
55 75.1 62.3 93.5
98 36.1 36.0 54.0

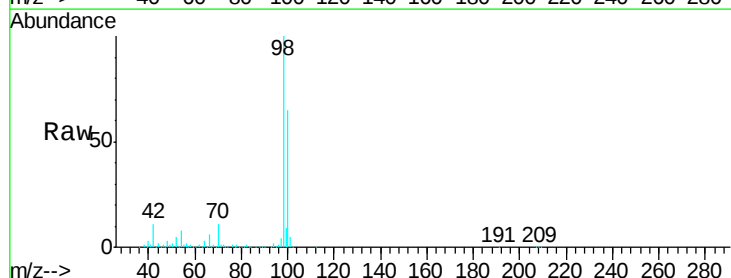


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

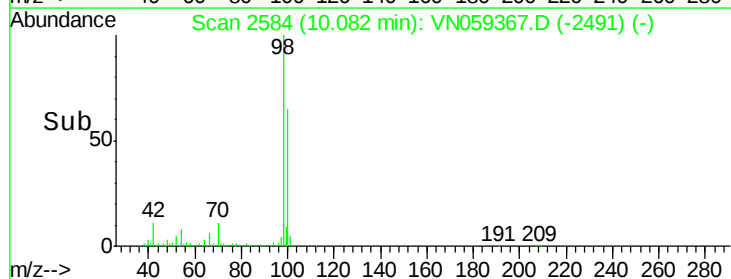
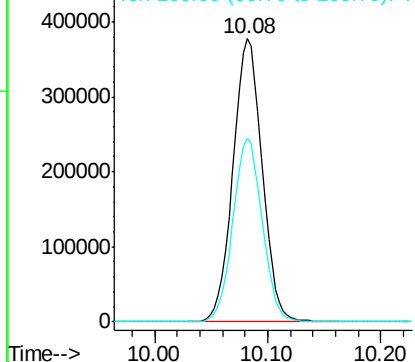


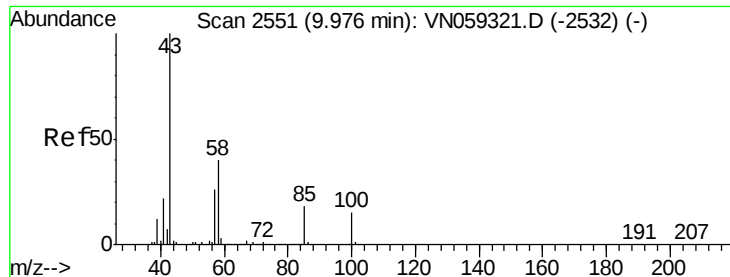
#50
Toluene-d8
Concen: 50.932 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059367.D
Acq: 22 Nov 2019 16:09

Tgt Ion: 98 Resp: 678679
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 0.656 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.11 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

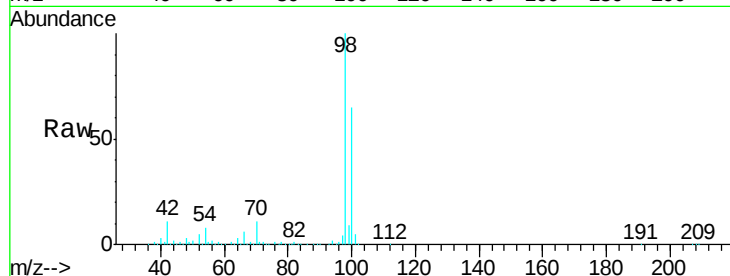
FD-111919DL

Tgt Ion: 43 Resp: 3636

Ion Ratio Lower Upper

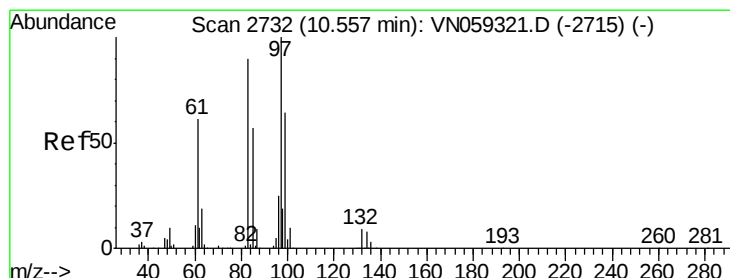
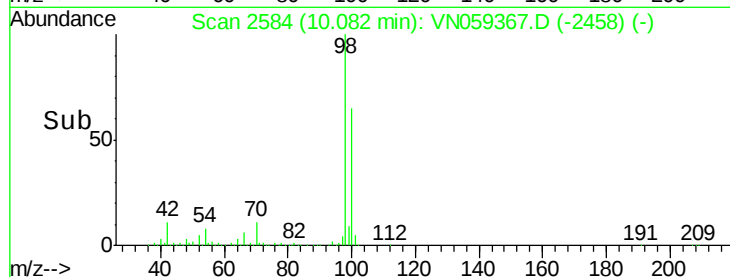
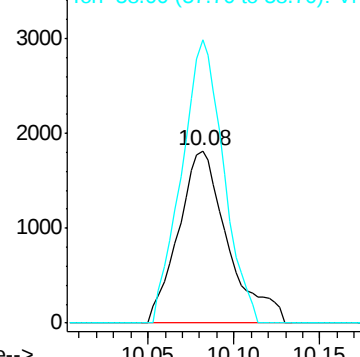
43 100

58 139.9 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#55

1,1,2-Trichloroethane

Concen: 1.063 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. -0.04 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Tgt Ion: 97 Resp: 4208

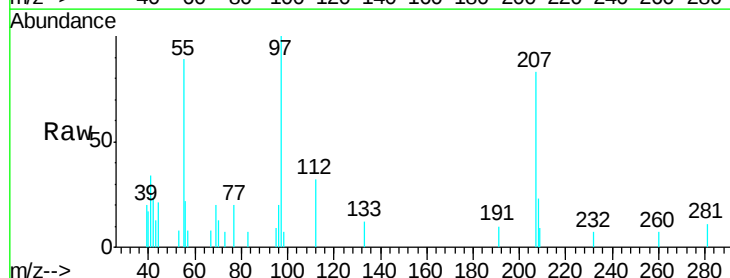
Ion Ratio Lower Upper

97 100

83 7.4 72.0 108.0#

85 0.0 45.8 68.6#

99 0.0 51.0 76.4#

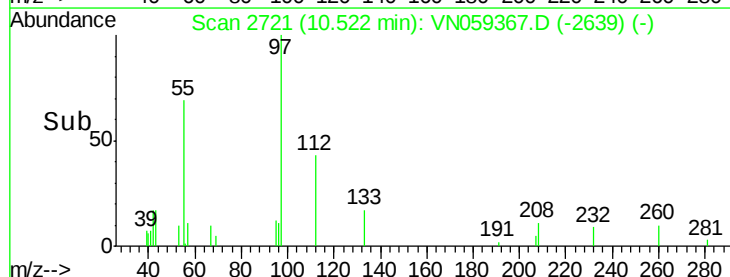
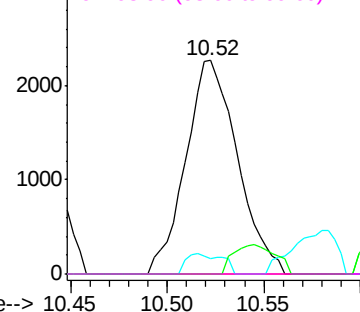


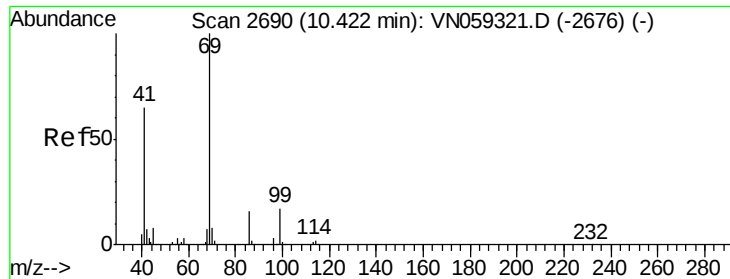
Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC





#56

Ethyl methacrylate

Concen: 2.475 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

FD-111919DL

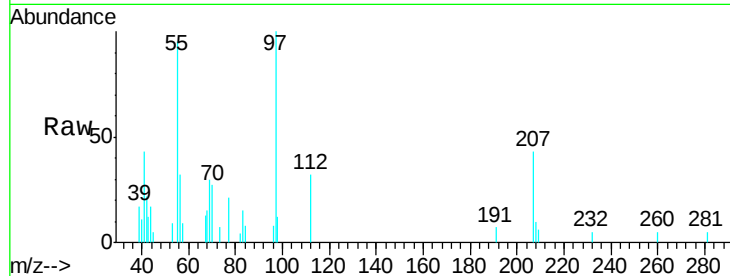
Tgt Ion: 69 Resp: 1974

Ion Ratio Lower Upper

69 100

41 148.9 51.7 77.5#

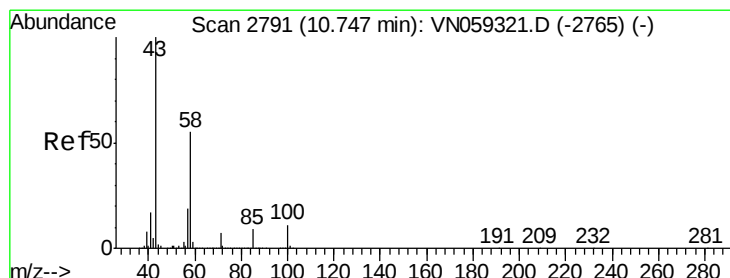
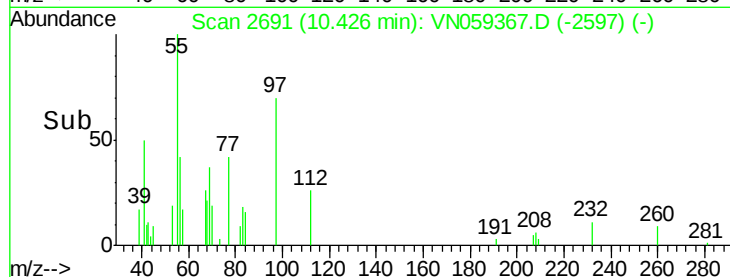
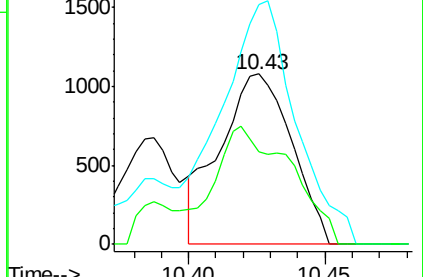
39 72.8 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 4.797 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN059367.D

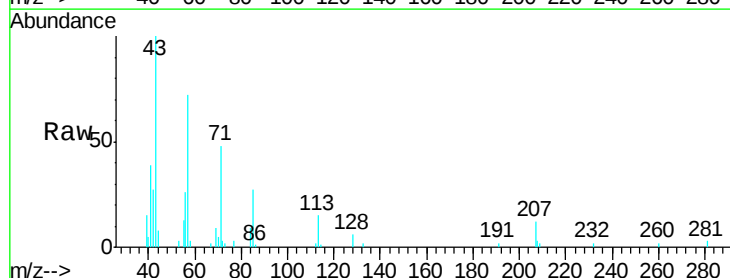
Acq: 22 Nov 2019 16:09

Tgt Ion: 43 Resp: 19479

Ion Ratio Lower Upper

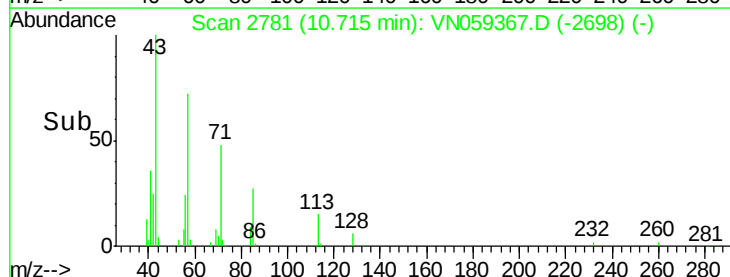
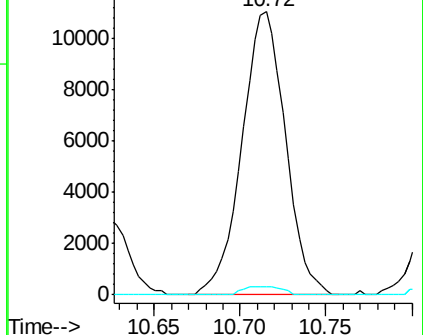
43 100

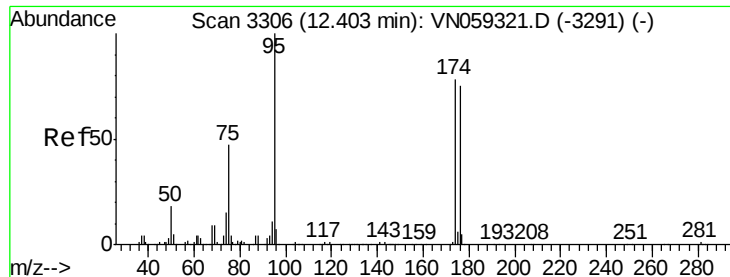
58 2.6 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.875 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

FD-111919DL

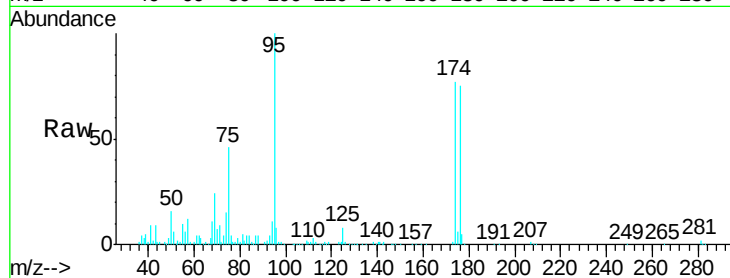
Tgt Ion: 95 Resp: 241695

Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.4

176 75.6 0.0 151.2

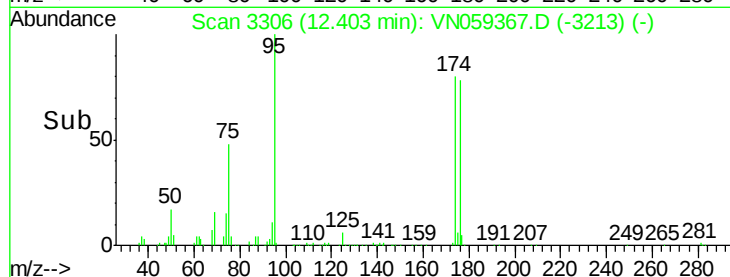


Abundance Ion 94.90 (94.60 to 95.60): VN059321.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059321.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059321.D (-3291) (-)

Time-->

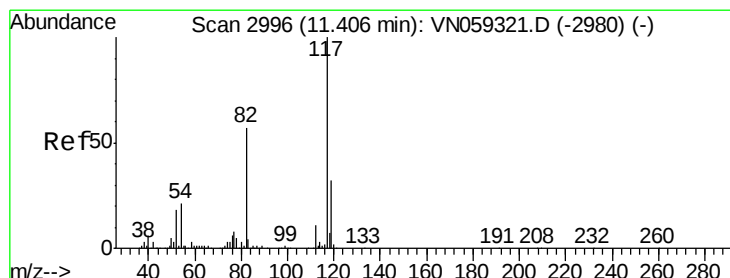


Abundance Ion 94.90 (94.60 to 95.60): VN059367.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN059367.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN059367.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

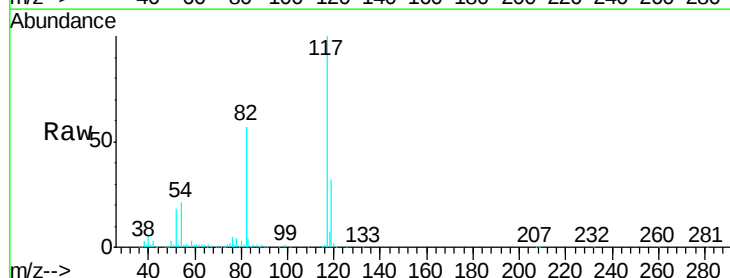
Tgt Ion: 117 Resp: 494589

Ion Ratio Lower Upper

117 100

82 56.7 45.7 68.5

119 32.3 25.8 38.6

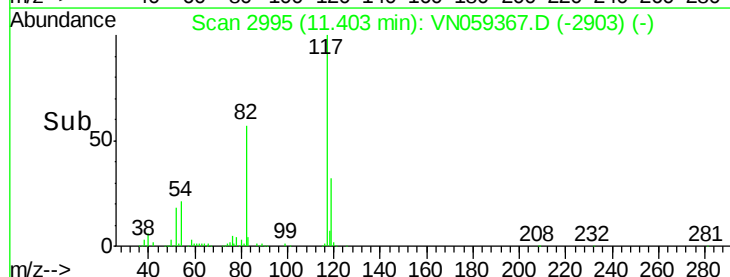


Abundance Ion 116.90 (116.60 to 117.60): VN059321.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059321.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059321.D (-2980) (-)

Time-->

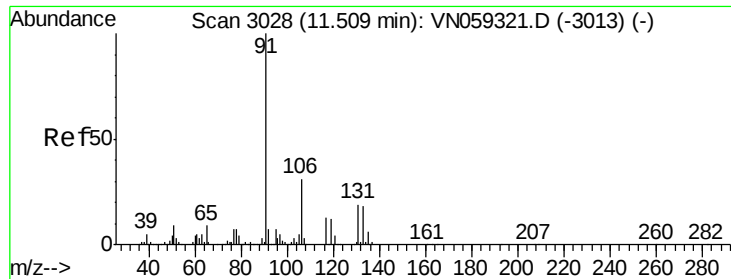


Abundance Ion 116.90 (116.60 to 117.60): VN059367.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN059367.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN059367.D (-2903) (-)

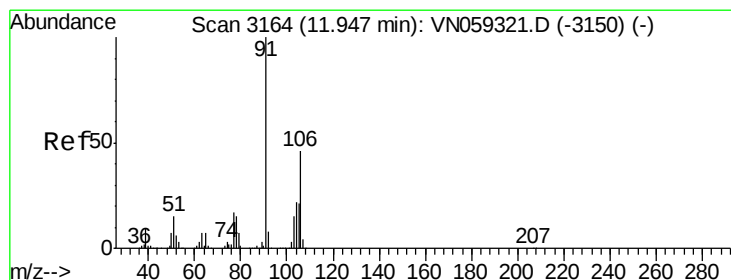
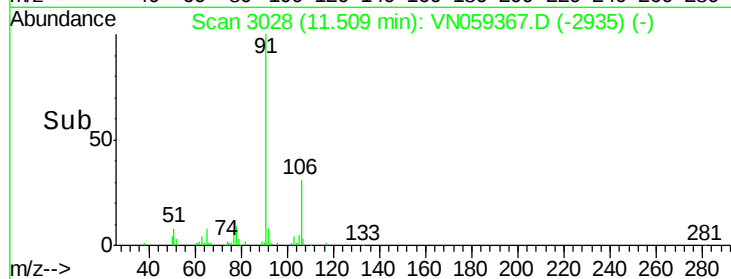
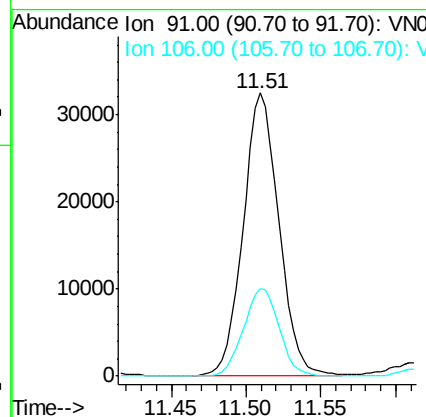
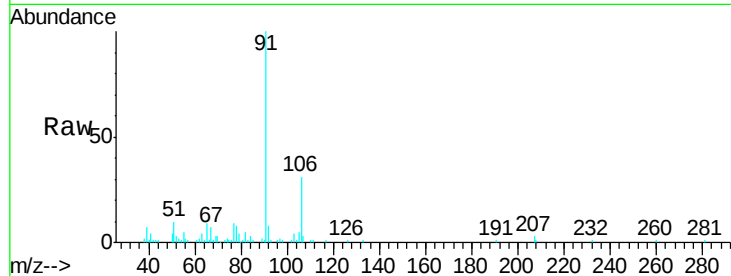
Time-->



#67
Ethyl Benzene
Concen: 2.845 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059367.D
Acq: 22 Nov 2019 16:09

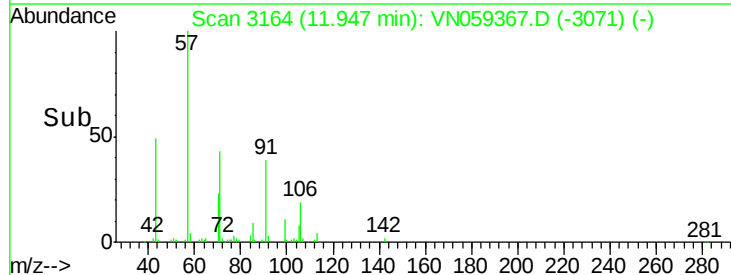
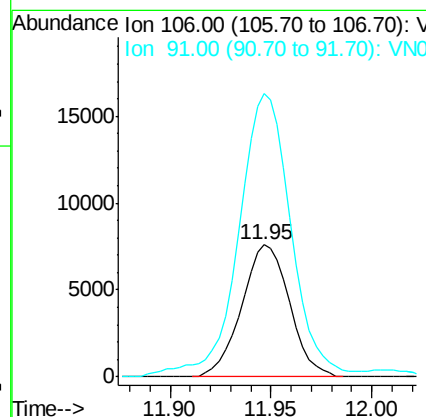
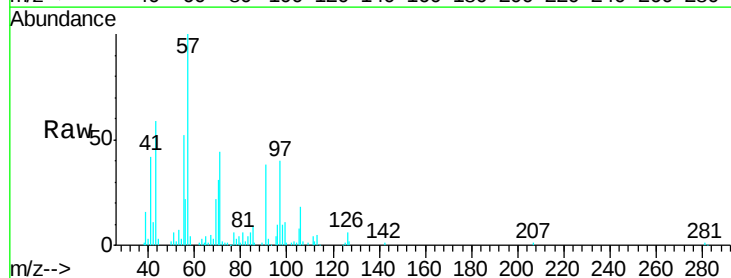
Instrument :
MSVOA_N
ClientSampleId :
FD-111919DL

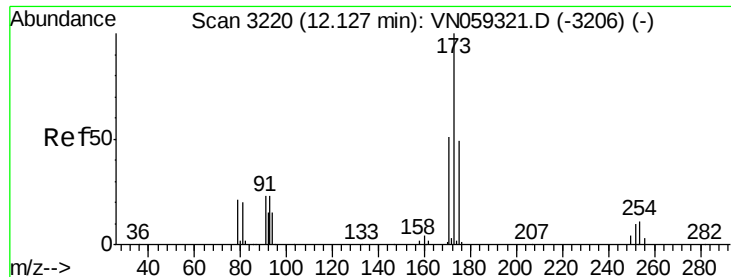
Tgt Ion: 91 Resp: 54029
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#69
o-Xylene
Concen: 1.869 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059367.D
Acq: 22 Nov 2019 16:09

Tgt Ion: 106 Resp: 12628
Ion Ratio Lower Upper
106 100
91 235.2 109.3 327.9





#71

Bromoform

Concen: 0.424 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

FD-111919DL

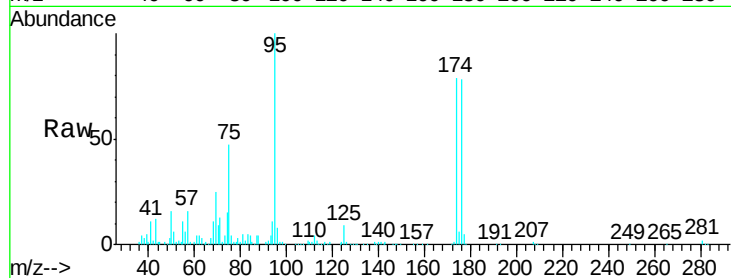
Tgt Ion:173 Resp: 1240

Ion Ratio Lower Upper

173 100

175 958.3 24.6 73.6#

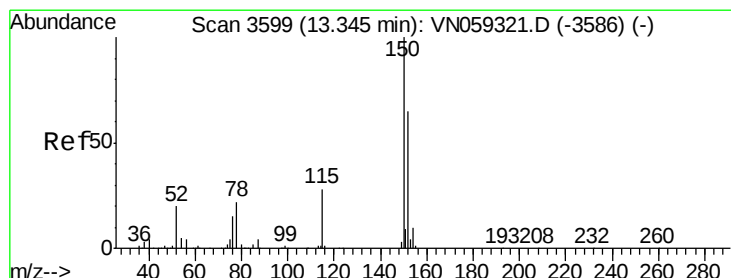
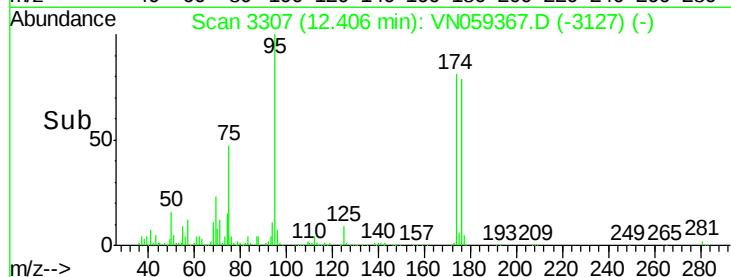
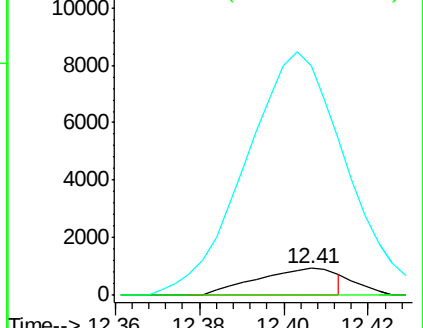
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

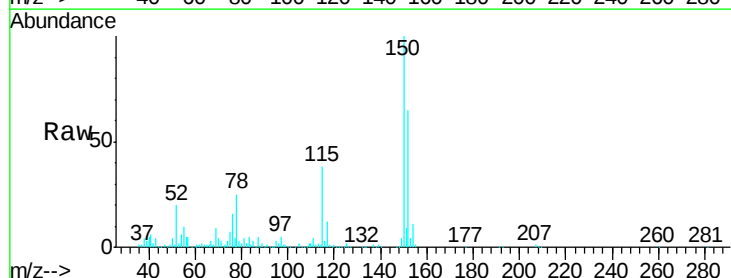
Tgt Ion:152 Resp: 216842

Ion Ratio Lower Upper

152 100

115 65.3 29.3 88.0

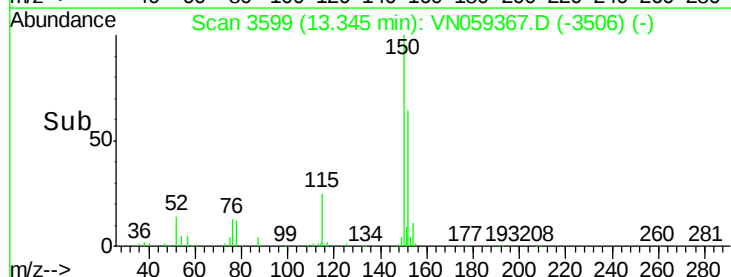
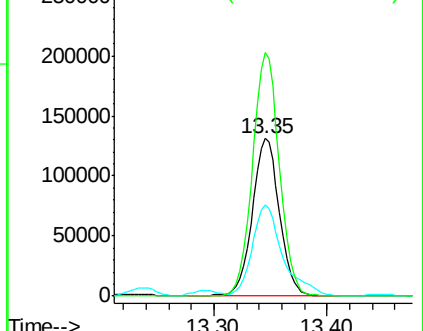
150 153.1 0.0 346.0

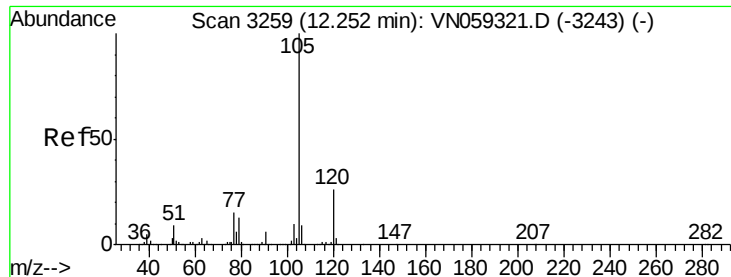


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.746 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

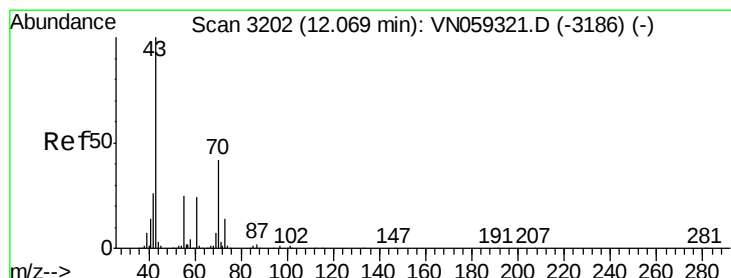
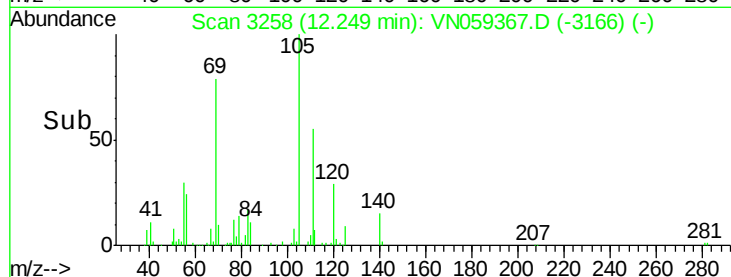
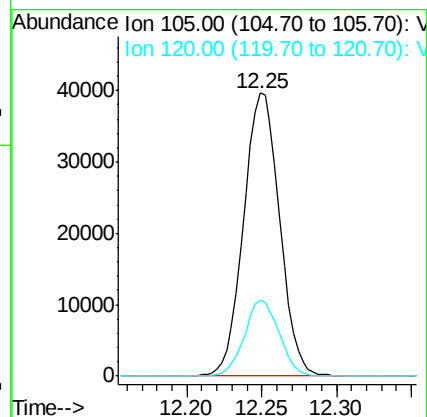
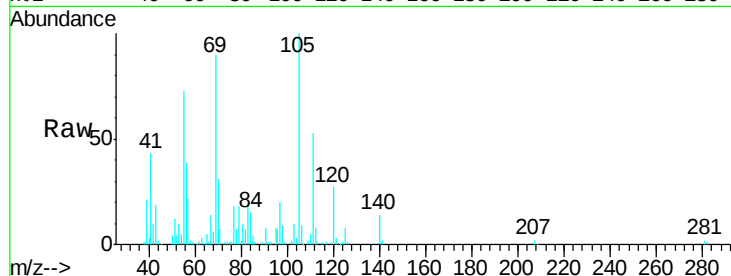
FD-111919DL

Tgt Ion: 105 Resp: 66540

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



#74

N-ethyl acetate

Concen: 28.949 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Tgt Ion: 43 Resp: 206662

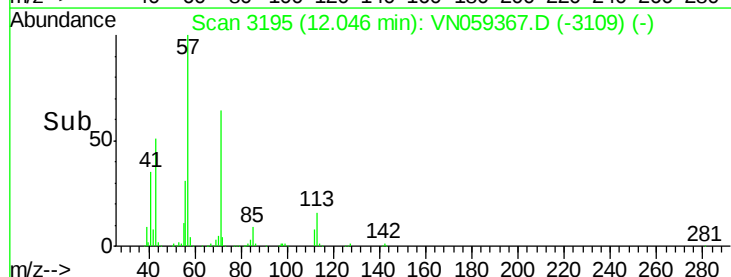
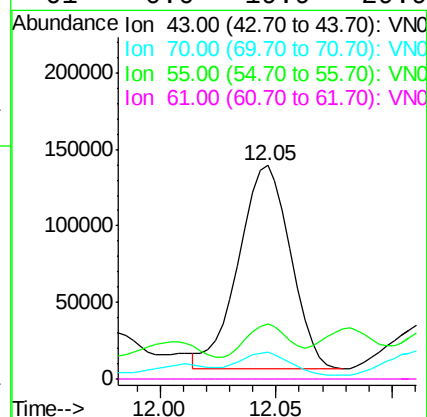
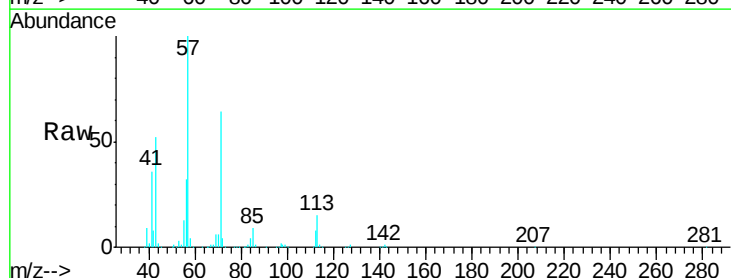
Ion Ratio Lower Upper

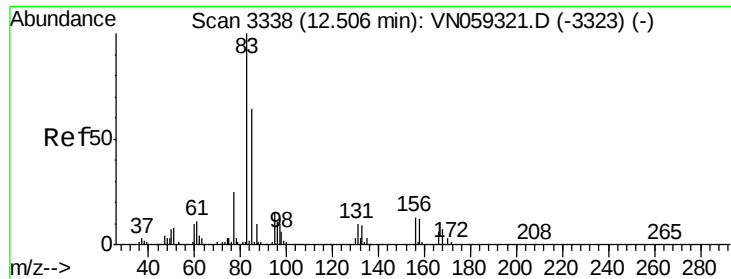
43 100

70 11.0 33.8 50.6#

55 19.6 20.3 30.5#

61 0.0 19.9 29.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.491 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

FD-111919DL

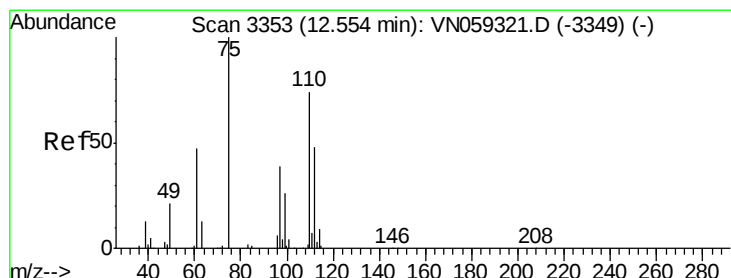
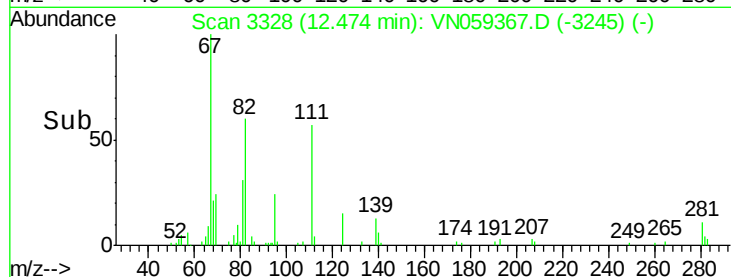
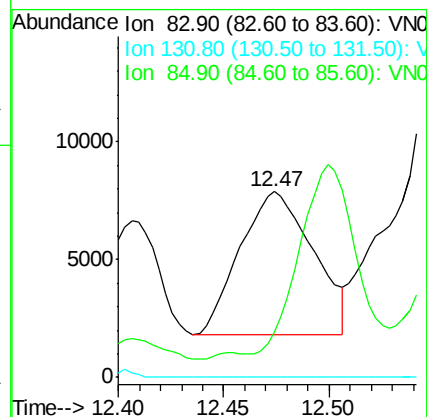
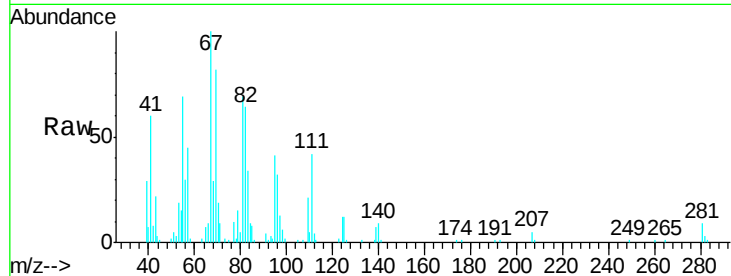
Tgt Ion: 83 Resp: 14640

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 0.783 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. 0.10 min

Lab File: VN059367.D

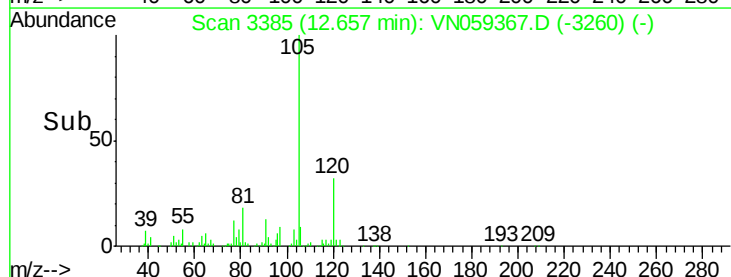
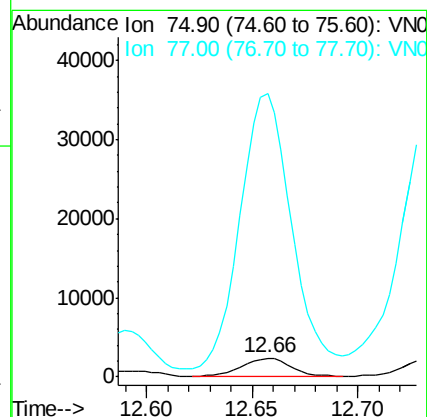
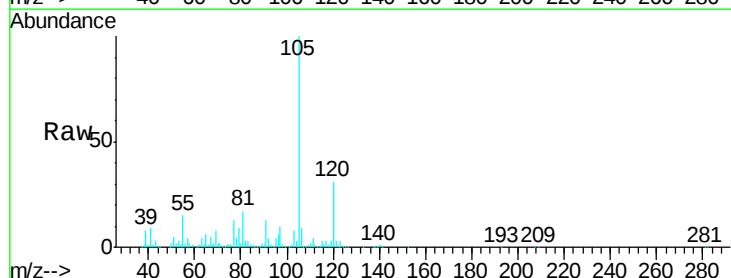
Acq: 22 Nov 2019 16:09

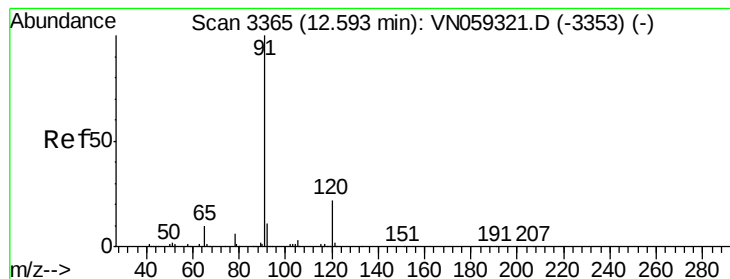
Tgt Ion: 75 Resp: 3923

Ion Ratio Lower Upper

75 100

77 1489.5 0.0 0.0#





#78

n-propylbenzene

Concen: 10.177 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

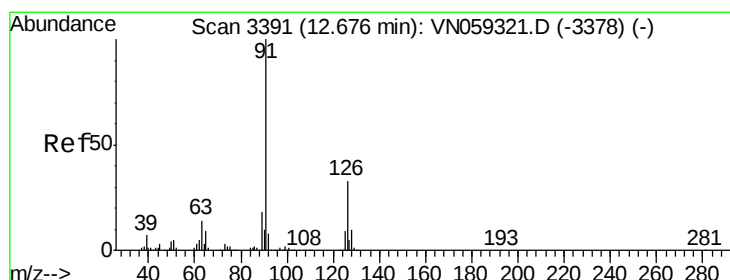
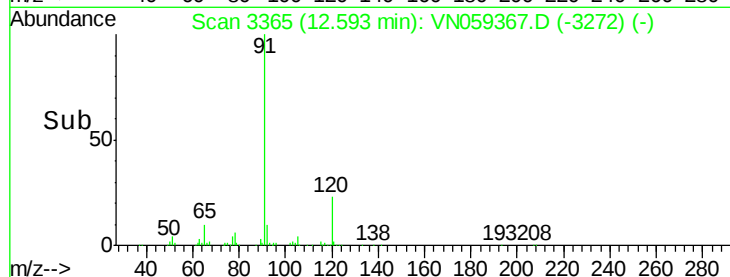
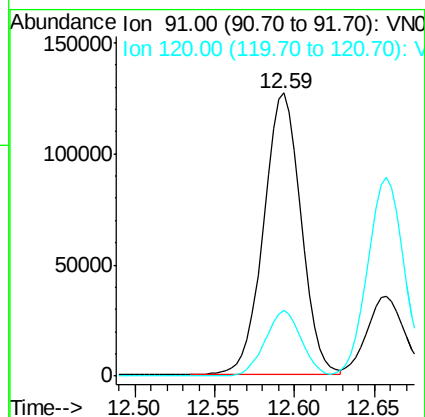
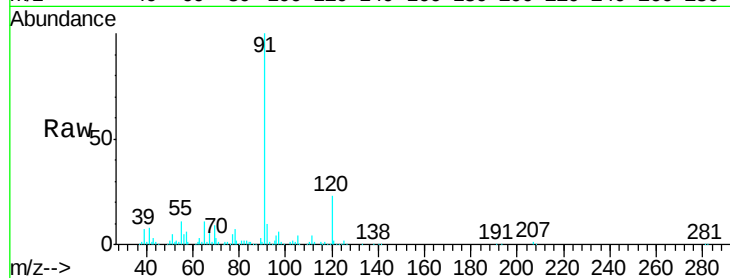
FD-111919DL

Tgt Ion: 91 Resp: 204775

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9



#79

2-Chlorotoluene

Concen: 4.603 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN059367.D

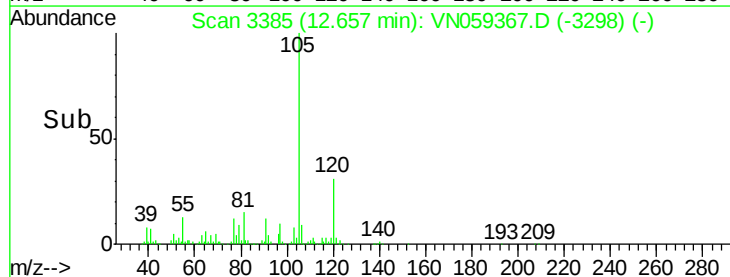
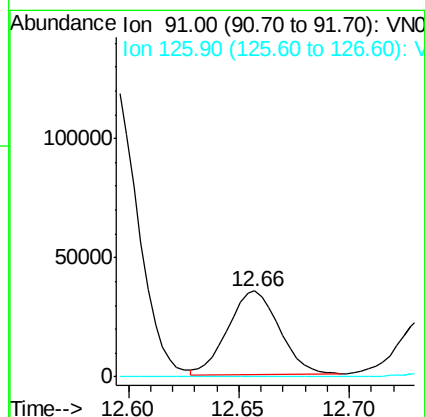
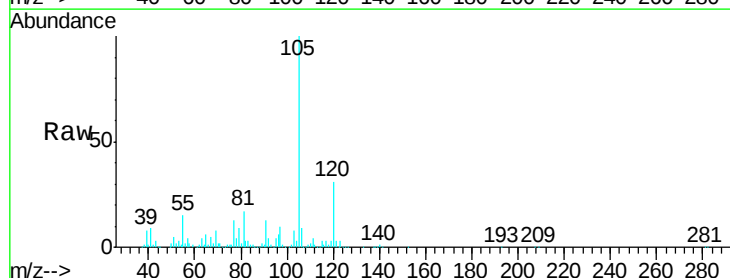
Acq: 22 Nov 2019 16:09

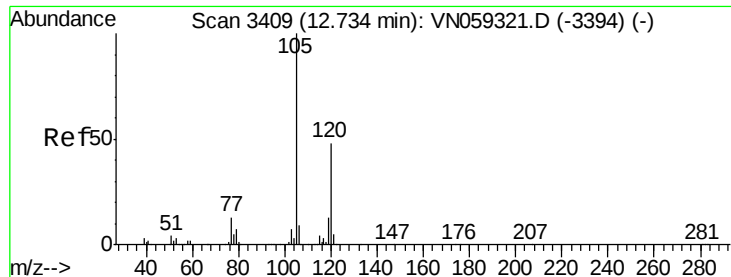
Tgt Ion: 91 Resp: 56844

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#

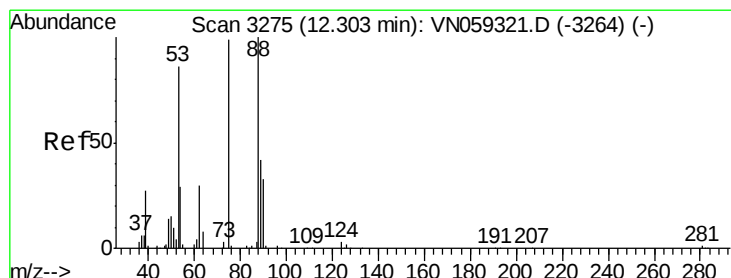
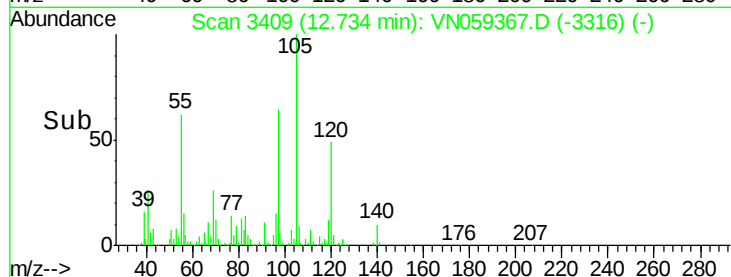
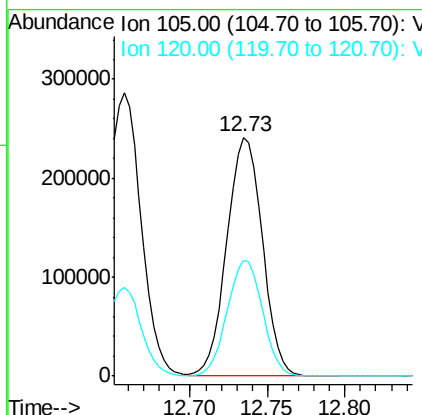
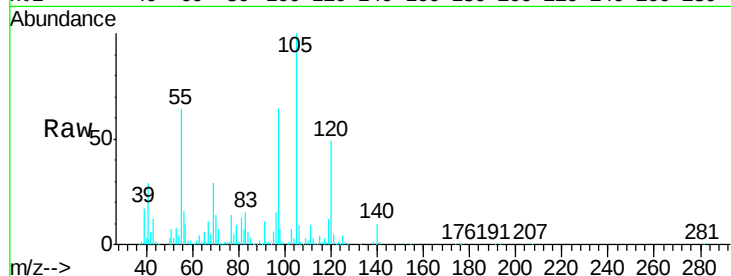




#80
 1,3,5-Trimethylbenzene
 Concen: 25.708 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

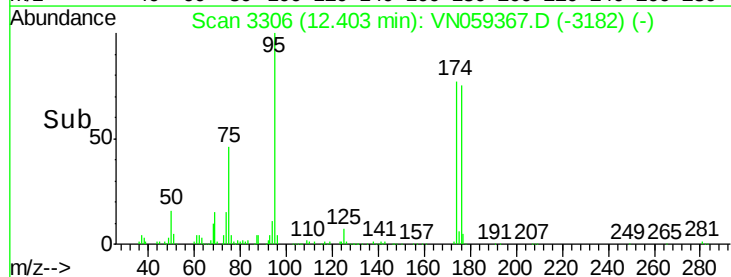
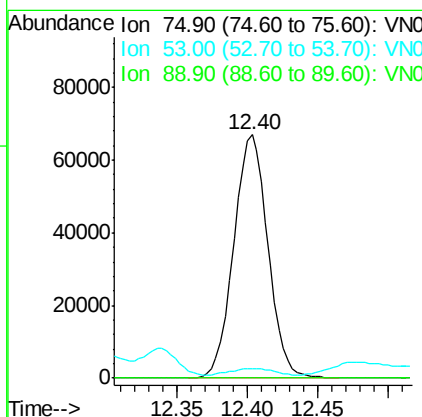
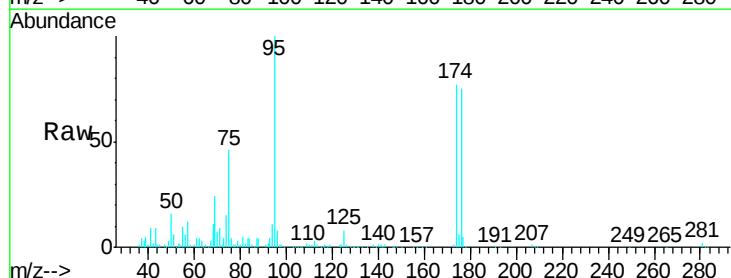
Instrument :
 MSVOA_N
 ClientSampled :
 FD-111919DL

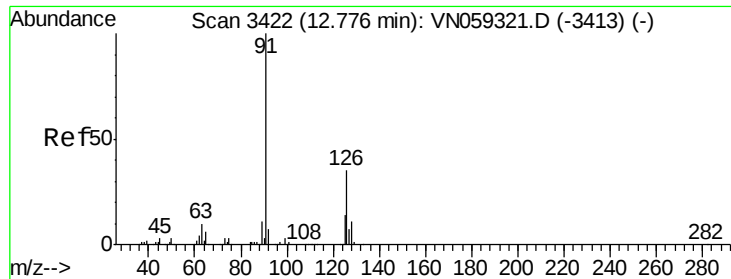
Tgt Ion: 105 Resp: 383888
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.786 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

Tgt Ion: 75 Resp: 113737
 Ion Ratio Lower Upper
 75 100
 53 3.5 70.7 106.1#
 89 0.0 35.4 53.0#

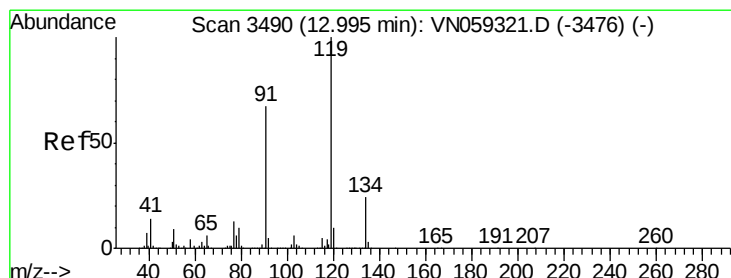
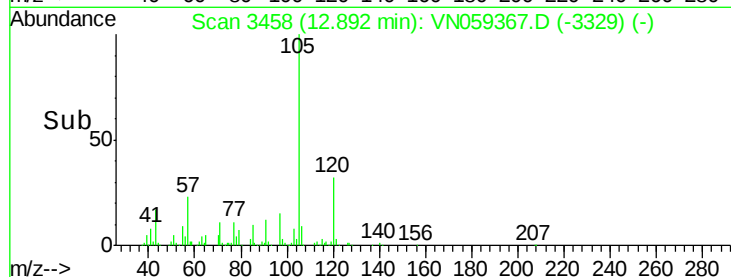
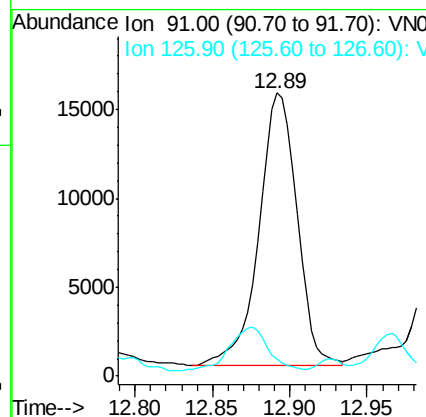
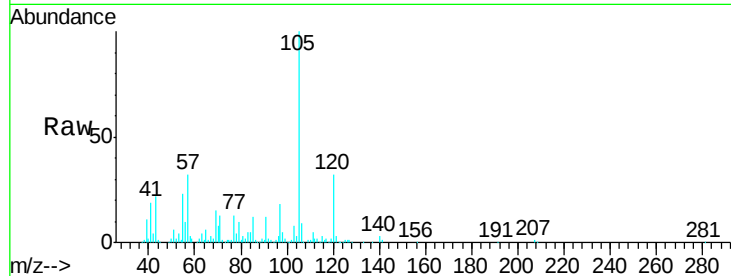




#82
4-Chlorotoluene
Concen: 2.068 ug/l
RT: 12.89 min Scan# 3458
Delta R.T. 0.12 min
Lab File: VN059367.D
Acq: 22 Nov 2019 16:09

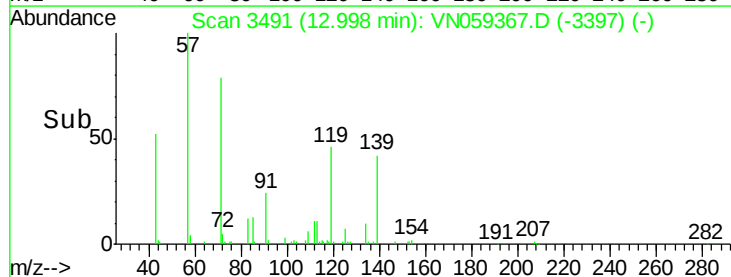
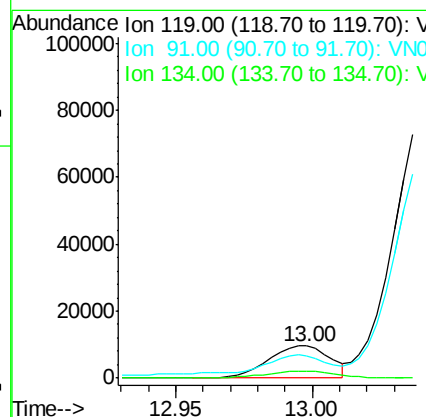
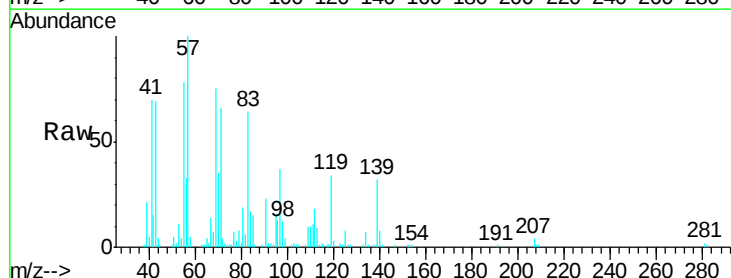
Instrument :
MSVOA_N
ClientSampleId :
FD-111919DL

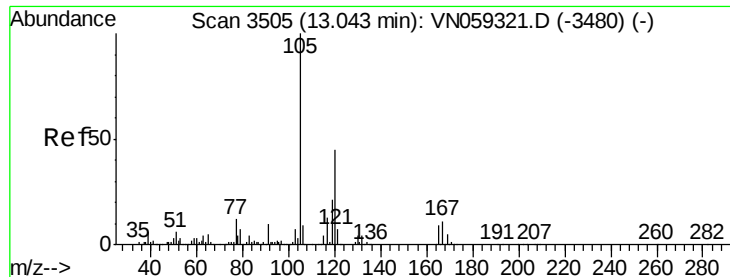
Tgt Ion: 91 Resp: 26425
Ion Ratio Lower Upper
91 100
126 16.4 16.2 48.6



#83
tert-Butylbenzene
Concen: 1.209 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN059367.D
Acq: 22 Nov 2019 16:09

Tgt Ion: 119 Resp: 15251
Ion Ratio Lower Upper
119 100
91 68.1 32.8 98.4
134 24.1 13.0 38.9

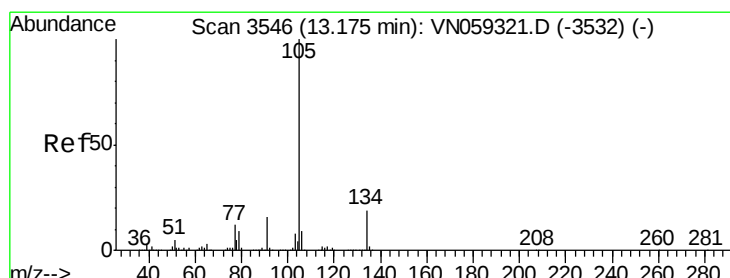
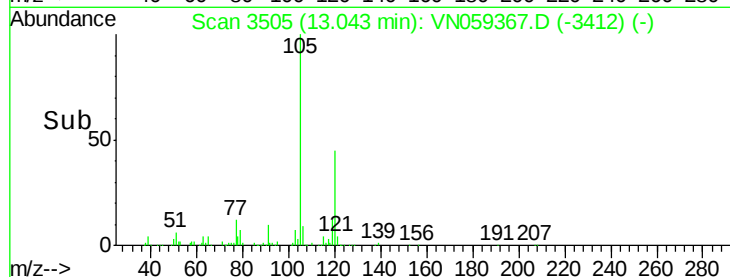
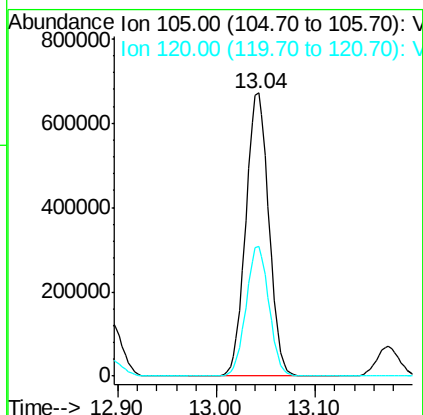
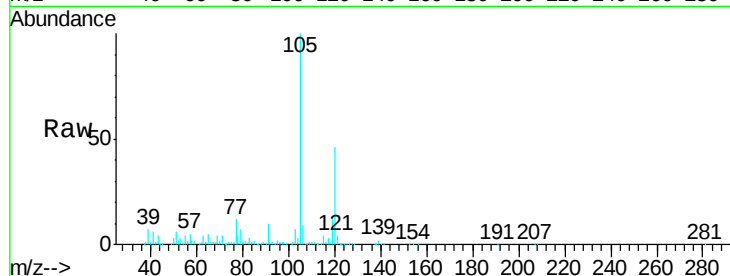




#84
 1,2,4-Trimethylbenzene
 Concen: 73.892 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

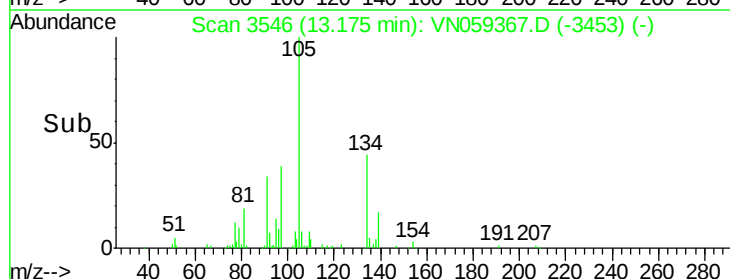
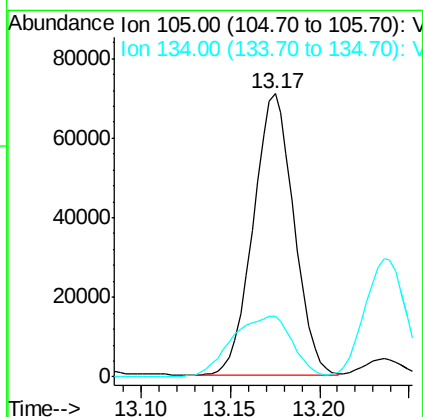
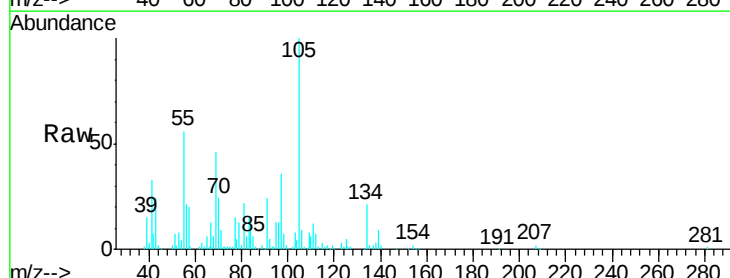
Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111919DL

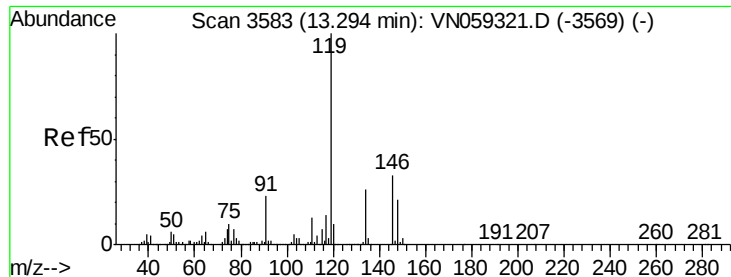
Tgt Ion:105 Resp: 1080857
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 6.663 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

Tgt Ion:105 Resp: 112942
 Ion Ratio Lower Upper
 105 100
 134 31.9 9.8 29.3#

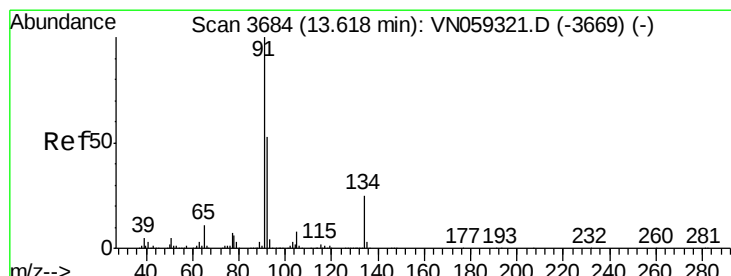
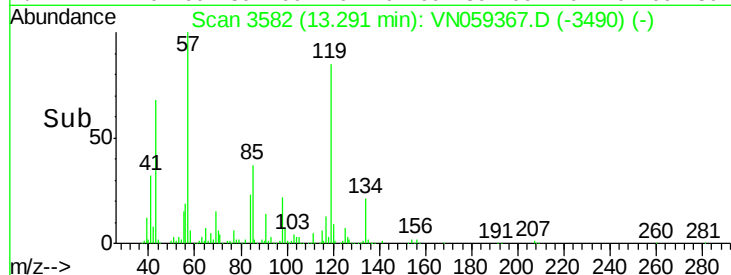
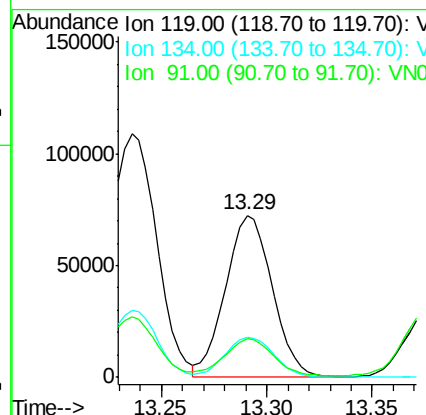
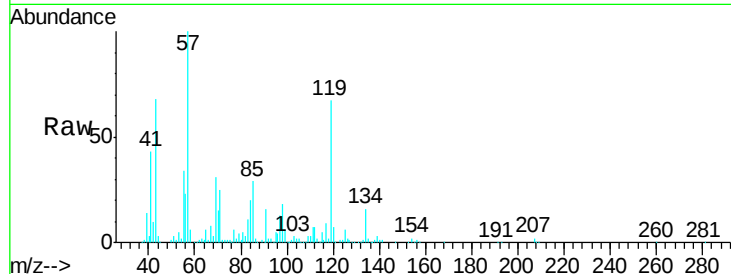




#86
p-Isopropyltoluene
Concen: 7.334 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN059367.D
Acq: 22 Nov 2019 16:09

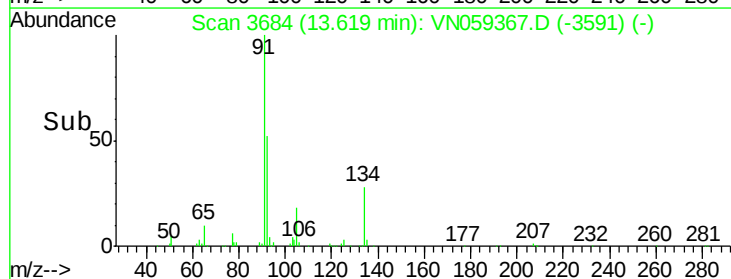
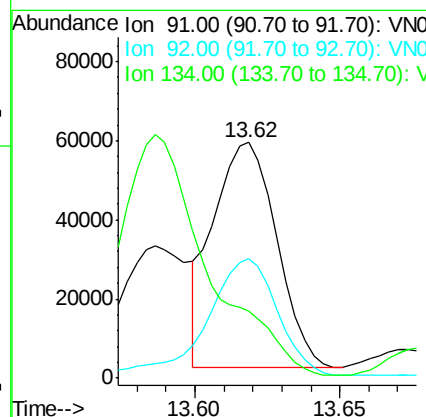
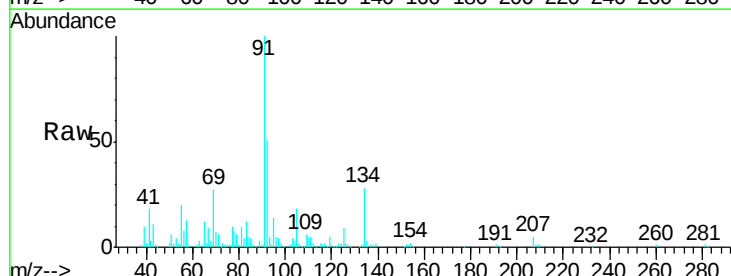
Instrument :
MSVOA_N
ClientSampled :
FD-111919DL

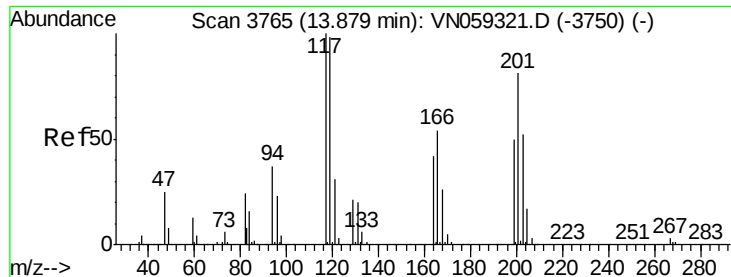
Tgt Ion:	119	Resp:	110619
Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	38.9
91	23.2	11.6	34.7



#89
n-Butylbenzene
Concen: 6.517 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059367.D
Acq: 22 Nov 2019 16:09

Tgt Ion:	91	Resp:	86237
Ion	Ratio	Lower	Upper
91	100		
92	58.0	26.0	78.0
134	0.0	12.7	38.1#





#90

Hexachloroethane

Concen: 5.593 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

Instrument :

MSVOA_N

ClientSampleID :

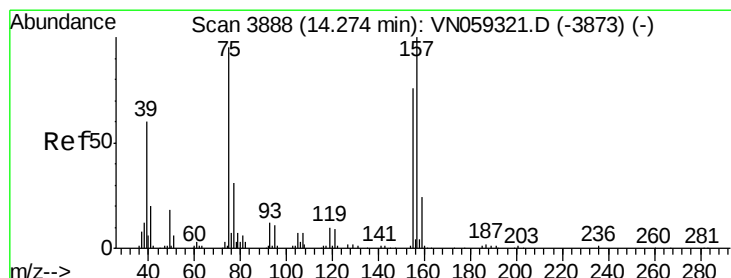
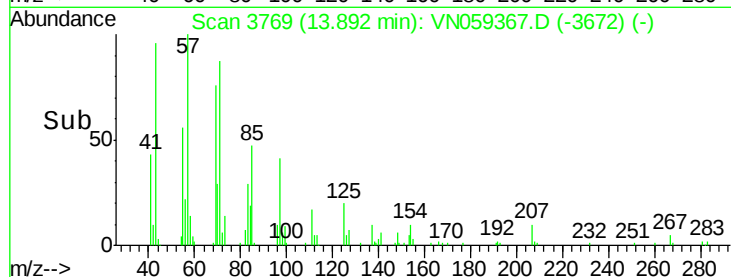
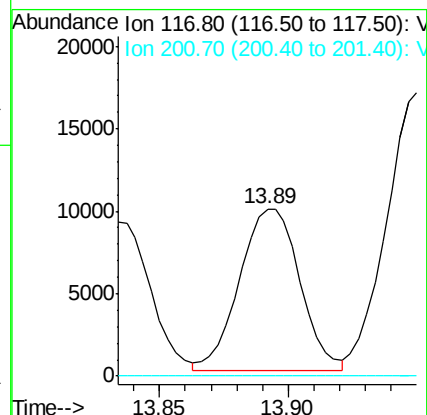
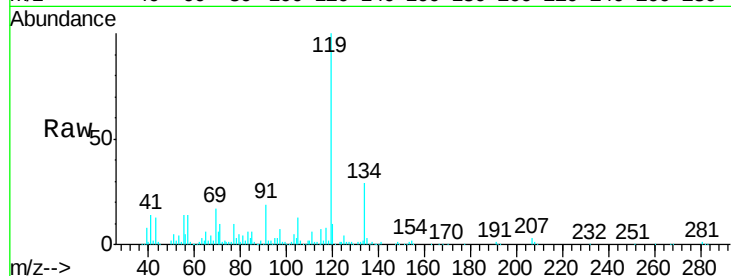
FD-111919DL

Tgt Ion: 117 Resp: 15976

Ion Ratio Lower Upper

117 100

201 0.0 40.4 121.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.272 ug/l

RT: 14.26 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN059367.D

Acq: 22 Nov 2019 16:09

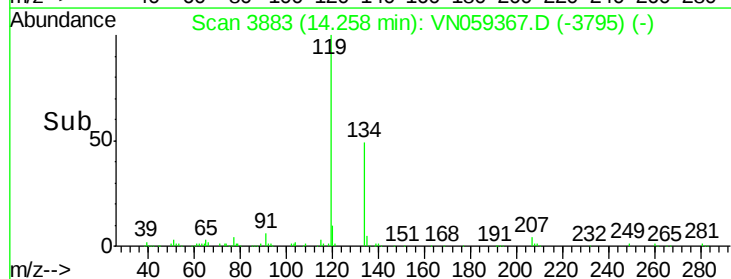
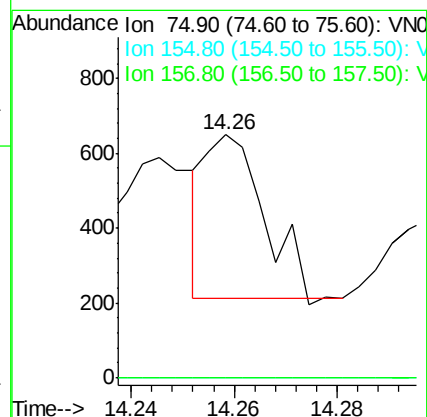
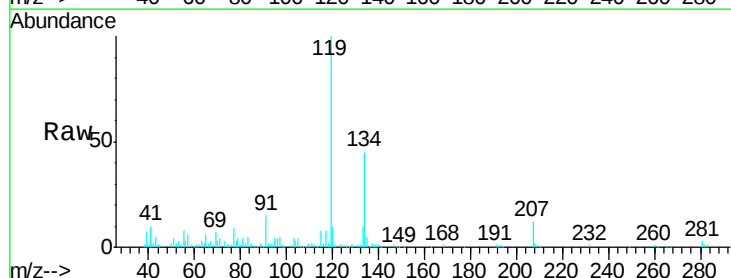
Tgt Ion: 75 Resp: 340

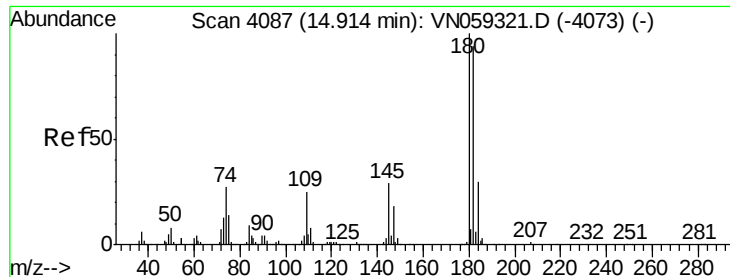
Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

157 0.0 52.7 158.1#

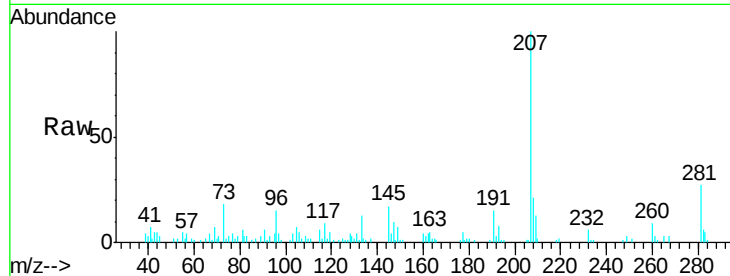




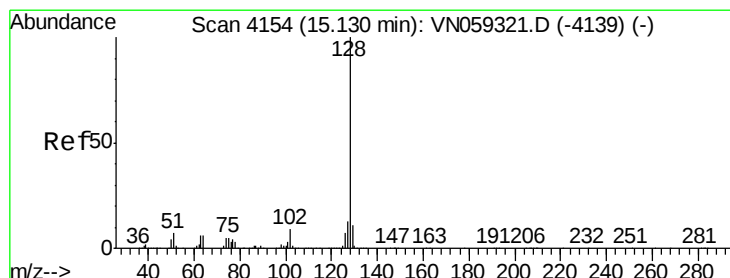
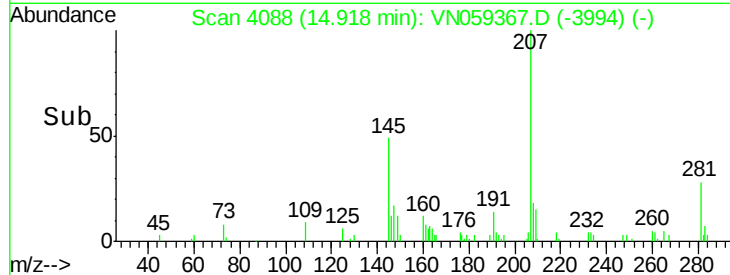
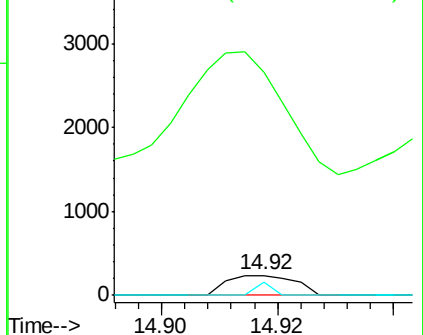
#93
 1,2,4-Trichlorobenzene
 Concen: 2.978 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

Instrument :
 MSVOA_N
 ClientSampled :
 FD-111919DL

Tgt Ion:180 Resp: 192
 Ion Ratio Lower Upper
 180 100
 182 15.1 47.2 141.6#
 145 2604.2 14.9 44.5#

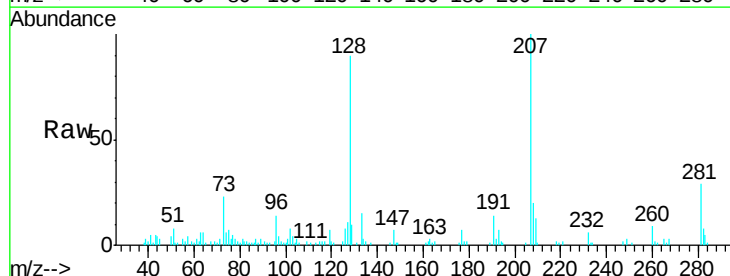


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

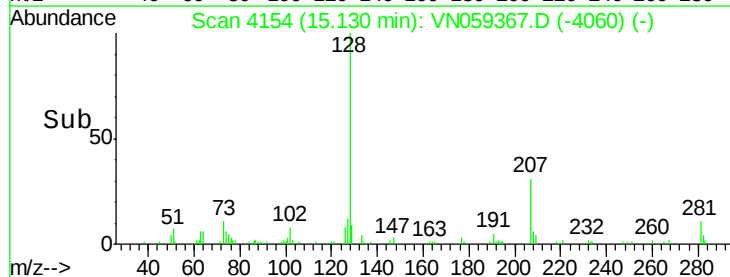
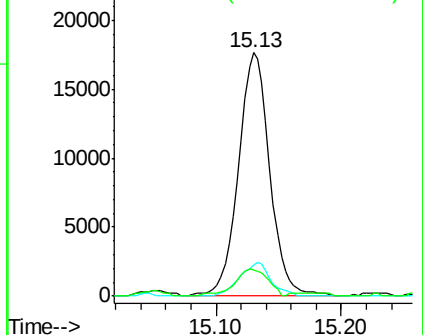


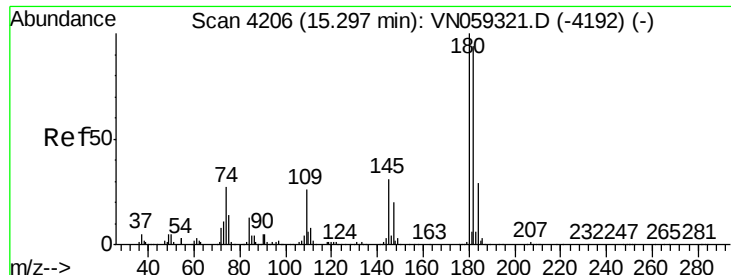
#95
 Naphthalene
 Concen: 5.413 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

Tgt Ion:128 Resp: 30644
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.2 15.2
 129 11.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

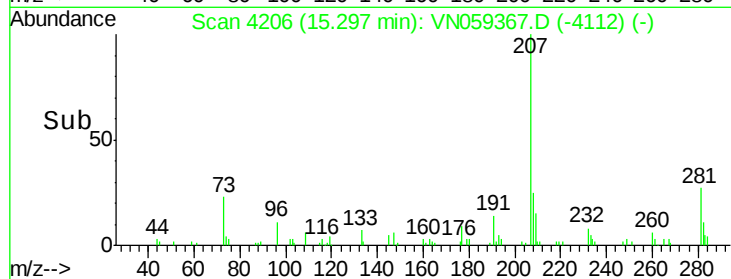
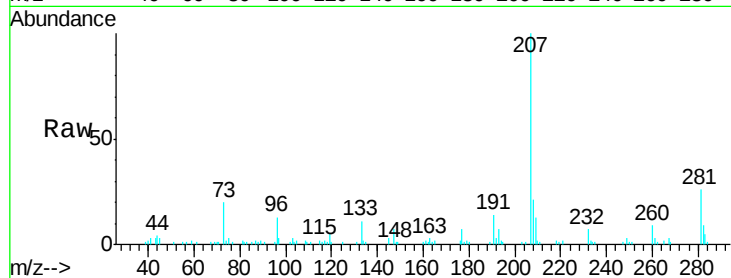




#96
 1,2,3-Trichlorobenzene
 Concen: 1.932 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN059367.D
 Acq: 22 Nov 2019 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111919DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.1	141.4#
145	0.0	15.6	46.8#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

